ISI Citations for Pinar Duygulu's publications

Total Citations: 967 (56 self)

"A heuristic algorithm for hierarchical representation of form documents", in <u>Proceedings of the 14th IAPR International Conference on Pattern Recognition</u>, 1998, volume 1, pages 929–931. P. Duygulu, V. Atalay, E. Dincel [Citations: 1 (0 self)]

1. "Recognition and identification of form document layouts", 2004, ISBN 0-7695-2108-8, pages 352–356, doi:10.1109/ITCC.2004.1286662. K Luo, S Latifi, K Taghva, E Regentova.

"Hierarchical representation of form documents for identification and retrieval", 1999, volume 3967, pages 128–139. P. Duygulu, V. Atalay [Citations: 3 (0 self)]

3. "A hierarchical method for automated identification and segmentation of forms", 2005, ISBN 0-7695-2420-6, pages 705–709, doi:10.1109/ICDAR.2005.17. S Mandal, SP Chowdhury, AK Das, B Chanda.

2. "Document image matching using a maximal grid approach", 2002, volume 4670 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-4410-3, ISSN 0277-786X, pages 121–128. A Tzacheva, Y El-Sonbaty, EA El-Kwae.

1. "Document image representation using xml technologies", 2002, volume 4670 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-4410-3, ISSN 0277-786X, pages 109–120. EA El-Kwae, KH Atmakuri.

"Object based image retrieval based on multi-level segmentation", June 5-9 2000, volume 4, pages 2019–2022. Y. Xu, P. Duygulu, E. Saber, M. Tekalp, F. Yarman-Vural [Citations: 2 (0 self)]

2. "Improving retrieval performance by region constraints and relevance feedback". <u>JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY</u>, volume 19, number 3, MAY 2004, pages 413–422. ISSN 1000-9000, doi:10.1007/BF02944911. T Wang, Y Rui, JG Sun.

1. "Constraint based region matching for image retrieval". <u>INTERNATIONAL JOURNAL OF COMPUTER VISION</u>, volume 56, number 1-2, SI, JAN-MAR 2004, pages 37–45. ISSN 0920-5691, doi:10.1023/B:VISI.0000004831.53436.88. T Wang, Y Rui, JG Sun.

"Multi-level image segmentation and object representation for content based image retrieval", January 21-26 2001, volume 4315, pages 460–469. P. Duygulu, F. Yarman-Vural [Citations: 5 (0 self)]

5. "Automatic polyp region segmentation for colonoscopy images using watershed algorithm and ellipse segmentation - art. no. 65141d", 2007, volume 6514 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6632-7, ISSN 0277-786X, page D5141, doi:10.1117/12.709835. Sae Hwang, JungHwan Oh, Wallapak Tavanapong, Johnny Wong, Piet C. de Groen.

4. "An adaptive image content representation and segmentation approach to automatic image annotation", 2004, volume 3115 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22539-0, ISSN 0302-9743, pages 545–554. R Shi, HM Feng, TS Chua, CH Lee.

3. "Metadata representation for semantic-based multimedia security and management", 2003, volume 2889 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-20494-6, ISSN 0302-9743, pages 769–778. Y Rytsar, S Voloshynovskiy, T Pun.

2. "Modeling object classes in aerial images using hidden markov models", in <u>2002 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOL I, PROCEEDINGS</u>, 2002, IEEE International Conference on Image Processing (ICIP), ISBN 0-7803-7622-6, ISSN 1522-4880, pages 860–863. S Newsam, S Bhagavathy, BS Manjunath.

1. "Modeling object classes in aerial images using texture motifs", in 16TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, VOL II, PROCEEDINGS, (Edited by R Kasturi, D Laurendeau, C Suen), 2002, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 0-7695-1695-X, ISSN 1051-4651, pages 981–984. S Bhagavathy, S Newsam, BS Manjunath.

"Clustering art", December 9-14 2001, volume 2, pages 433–441. K. Barnard, P. Duygulu, D. Forsyth [Citations: 10 (1 self)]

10. "Impressionism, expressionism, surrealism: Automated recognition of painters and schools of art". ACM TRANSACTIONS ON APPLIED PERCEPTION, volume 7, number 2. ISSN 1544-3558, doi:10. 1145/1670671.1670672. Lior Shamir, Tomasz Macura, Nikita Orlov, D. Mark Eckley, Ilya G. Goldberg.

9. "A survey of methods for image annotation". JOURNAL OF VISUAL LANGUAGES AND COMPUTING, volume 19, number 5, OCT 2008, pages 617–627. ISSN 1045-926X, doi:10.1016/j. jvlc.2008.01.002. Allan Hanbury.

8. "Annotating images by mining image search results". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1919–1932. ISSN 0162-8828, doi:10.1109/TPAMI.2008.127. Xin-Jing Wang, Lei Zhang, Xirong Li, Wei-Ying Ma.

7. "Multi-modal clustering for multimedia collections", in 2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8, 2007, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 1938–1945. Ron Bekkerman, Jiwoon Jeon.

6. "Generating verbal descriptions of colored objects: Towards grounding language in perception", in WACV 2005: SEVENTH IEEE WORKSHOP ON APPLICATIONS OF COMPUTER VISION, PROCEEDINGS, 2005, ISBN 0-7695-2271-8, pages 46–53. RC Nelson.

5. "Image retrieval from the world wide web: Issues, techniques, and systems". ACM COMPUTING SURVEYS, volume 36, number 1, MAR 2004, pages 35–67. ISSN 0360-0300, doi:10.1145/1013208. 1013210. ML Kherfi, D Ziou, A Bernardi.

4. "A learning-based approach for annotating large on-line image collection", in 10TH INTERNATIONAL MULTIMEDIA MODELLING CONFERENCE, PROCEEDINGS, (Edited by YPP Chen), 2004, ISBN 0-7695-2084-7, pages 249–256. HM Feng, TS Chua.

3. "Automatic linguistic indexing of pictures by a statistical modeling approach". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 25, number 9, SEP 2003, pages 1075–1088. ISSN 0162-8828. J Li, JZ Wang.

2. "The effects of segmentation and feature choice in a translation model of object recognition", in 2003 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOL II, PROCEEDINGS, 2003, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISSN 1063-6919, pages 675–682. K Barnard, P Duygulu, R Guru, P Gabbur, D Forsyth.

1. "Cbsa: Content-based soft annotation for multimodal image retrieval using bayes point machines". IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, volume 13, number 1, JAN 2003, pages 26–38. ISSN 1051-8215, doi:10.1109/TCSVT.2002.808079. E Chang, K Goh, G Sychay, G Wu.

"A hierarchical representation of form documents for identification and retrieval". International Journal on Document Analysis and Recognition, volume 5, number 1, 2002, pages 17–27. P. Duygulu, V. Atalay [Citations: 16 (0 self)]

16. "Tsallis mutual information for document classification". ENTROPY, volume 13, number 9, SEP 2011, pages 1694–1707. ISSN 1099-4300, doi:10.3390/e13091694. Marius Vila, Anton Bardera, Miquel Feixas, Mateu Sbert.

15. "Pre-printed form recognition and extraction of data", 2008, volume 1060 of AIP Conference Proceedings, ISBN 978-0-7354-0590-5, ISSN 0094-243X, pages 233–239. Mehraj-ud-Din Dar, P. Nagabhushan, A. H. Mir.

14. "An end-to-end administrative document analysis system", 2008, ISBN 978-0-7695-3337-7, pages 175–182, doi:10.1109/DAS.2008.43. Hatem Hamza, Yolande Belaid, Abdel Belaid, Bidyut B. Chaudhuri.

13. "Form analysis and understanding based on knowledge", 2008, ISBN 978-1-4244-2113-8, pages 9286–9291. Xiuling He, Yang Yang, Zengzhao Chen, Ying Yu, Cailin Dong.

12. "Form classification", 2008, volume 6815 of Proceedings of SPIE, ISBN 978-0-8194-6987-8, ISSN 0277-786X. K. V. Umamaheswara Reddy, Venu Govindaraju.

11. "Exploring digital libraries with document image retrieval", 2007, volume 4675 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-74850-2, ISSN 0302-9743, pages 368–379. Simone Marinai, Emanuele Marino, Giovanni Soda.

10. "Table form document analysis based on the document structure grammar". INTERNATIONAL JOURNAL ON DOCUMENT ANALYSIS AND RECOGNITION, volume 8, number 2-3, JUN 2006, pages 201–213. ISSN 1433-2833, doi:10.1007/s10032-005-0008-3. Akira Amano, Naoki Asada, Masayuki Mukunoki, Masahito Aoyama. 3rd International Workshop on Document Layout Interpretation and its Applications (DLIA 2003), Edinburgh, SCOTLAND, AUG 02, 2003.

9. "Analysis of error sources towards improved form processing", 2006, ISBN 978-0-7695-2635-5, pages 137–138. Ujjwal Bhattacharya, Bikash Shaw, Swapan K. Parui.

8. "Tree clustering for layout-based document image retrieval", 2006, ISBN 0-7695-2531-8, pages 243–251, doi:10.1109/DIAL.2006.44. Simone Marinai, Emanuele Marino, Giovanni Soda.

7. "Ancient printed documents indexation: A new approach", 2005, volume 3686 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-28757-4, ISSN 0302-9743, pages 580–589. N Journet, R Mullot, JY Ramel, V Eglin.

6. "Text/graphic labelling of ancient printed documents", 2005, ISBN 0-7695-2420-6, pages 1010–1014, doi:10.1109/ICDAR.2005.235. N Journet, V Eglin, JY Ramel, R Mullot.

5. "Enhancement of layout-based identification of low-resolution documents using geometrical color distribution", 2005, ISBN 0-7695-2420-6, pages 468–472, doi:10.1109/ICDAR.2005.104. A Behera, D Lalanne, R Ingold.

4. "Layout based document image retrieval by means of xy tree reduction", 2005, ISBN 0-7695-2420-6, pages 432–436, doi:10.1109/ICDAR.2005.150. S Marinai, E Marino, G Soda.

3. "Form type identification using hierarchical trees", 2004, ISBN 1-932415-35-1, pages 69–74. K Luo, S Latifi, E Regentova, K Taghva.

2. "Recognition and identification of form document layouts", 2004, ISBN 0-7695-2108-8, pages 352–356, doi:10.1109/ITCC.2004.1286662. K Luo, S Latifi, K Taghva, E Regentova.

1. "Towards building sociable library system through negotiation engine", 2003, volume 2911 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-20608-6, ISSN 0302-9743, pages 322–328. SMFDS Mustapha.

"Modeling the statistics of image features and associated text", January 20-25 2002, volume 4670, pages 1–11. K. Barnard, P. Duygulu, , D. A. Forsyth [Citations: 1 (0 self)]

1. "Color constancy by characterization of illumination chromaticity". OPTICAL ENGINEERING, volume 50, number 5. ISSN 0091-3286, doi:10.1117/1.3577621. Jarno T. Nikkanen.

**"Object recognition as machine translation: learning a lexicon for a fixed image vocabulary",
May 27 - June 2 2002, volume 2353 of Lecture Notes in Computer Science, pages 97–112.
P. Duygulu, K. Barnard, N.d. Freitas, D. A. Forsyth [Citations: 400 (23 self)]**

400. "A survey on automatic image annotation and trends of the new age", in <u>PEEA 2011</u>, (Edited by H Tan), 2011, volume 23 of Procedia Engineering, ISSN 1877-7058, doi:10.1016/j.proeng.2011.11.2526. Feichao Wang.

399. "A multimedia retrieval framework based on semi-supervised ranking and relevance feedback". <u>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE</u>, volume 34, number 4, APR 2012, pages 723–742. ISSN 0162-8828, doi:10.1109/TPAMI.2011.170. Yi Yang, Feiping Nie, Dong Xu, Jiebo Luo, Yueting Zhuang, Yunhe Pan.

398. "Dual layer voting method for efficient multi-label classification", in <u>PATTERN RECOGNITION AND IMAGE ANALYSIS: 5TH IBERIAN CONFERENCE, IBPRIA 2011</u>, (Edited by J Vitria, JM Sanches, M Hernandez), 2011, volume 6669 of Lecture Notes in Computer Science, ISBN 978-3-642-21256-7, ISSN 0302-9743, pages 232–239. Gjorgji Madjarov, Dejan Gjorgjevikj, Saso Dzeroski.

397. "Correlative multi-label multi-instance image annotation", 2011, ISBN 978-1-4577-1102-2, pages 651–658. Xiangyang Xue, Wei Zhang, Jie Zhang, Bin Wu, Jianping Fan, Yao Lu.

396. "Weakly supervised semantic segmentation with a multi-image model", 2011, ISBN 978-1-4577-1102-2, pages 643–650. Alexander Vezhnevets, Vittorio Ferrari, Joachim M. Buhmann.

395. "Large-scale image annotation using visual synset", 2011, ISBN 978-1-4577-1102-2, pages 611–618. David Tsai, Yushi Jing, Yi Liu, Henry A. Rowley, Sergey Ioffe, James M. Rehg.

394. "Mining the interests of chinese microbloggers via keyword extraction". <u>FRONTIERS OF COMPUTER SCIENCE IN CHINA</u>, volume 6, number 1, FEB 2012, pages 76–87. ISSN 1673-7350, doi:10.1007/s11704-011-1174-8. Zhiyuan Liu, Xinxiong Chen, Maosong Sun.

393. "Adding semantics to the reliable object annotated image databases", 2011, volume 3 of Procedia Computer Science, ISSN 1877-0509, doi:10.1016/j.procs.2010.12.069. Irfanullah, Nida Aslam, Jonathan Loo, Roohullah, Martin Loomes.

392. "Using manual and automated annotations to search images by semantic similarity". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 56, number 1, SI, JAN 2012, pages 109–129. ISSN 1380-7501, doi:10.1007/s11042-010-0558-3. Joao Magalhaes, Stefan Rueger.

391. "A multi-directional search technique for image annotation propagation". <u>JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION</u>, volume 23, number 1, JAN 2012, pages 237–244. ISSN 1047-3203, doi:10.1016/j.jvcir.2011.10.004. Ning Yu, Kien A. Hua, Hao Cheng.

390. "Integrating distance metric learning into label propagation model for multi-label image annotation", 2011, IEEE International Conference on Image Processing ICIP, ISBN 978-1-4577-1303-3, ISSN 1522-4880. Bin Wang, Yi Shen, Yuncai Liu.

389. "An hmm-svm-based automatic image annotation approach", in <u>COMPUTER VISION - ACCV 2010, PT IV</u>, (Edited by R Kimmel, R Klette, A Sugimoto), 2011, volume 6495 of Lecture Notes in Computer Science, ISBN 978-3-642-19281-4, ISSN 0302-9743, pages 115–126. Yinjie Lei, Wilson Wong, Wei Liu, Mohammed Bennamoun.

388. "Modeling loosely annotated images using both given and imagined annotations". <u>OPTICAL ENGINEERING</u>, volume 50, number 12. ISSN 0091-3286, doi:10.1117/1.3660575. Hong Tang, Nozha Boujemaa, Yunhao Chen, Lei Deng.

387. "Two stage classifier chain architecture for efficient pair-wise multi-label learning", 2011, ISBN 978-1-4577-1623-2. Dejan Gjorgjevikj, Gjorgji Madjarov.

386. "Multimodal representation, indexing, automated annotation and retrieval of image collections via non-negative matrix factorization". NEUROCOMPUTING, volume 76, number 1, SI, JAN 15 2012, pages 50–60. ISSN 0925-2312, doi:10.1016/j.neucom.2011.04.037. Juan C. Caicedo, Jaafar BenAbdallah, Fabio A. Gonzalez, Olfa Nasraoui.

385. "Two stage architecture for multi-label learning". PATTERN RECOGNITION, volume 45, number 3, MAR 2012, pages 1019–1034. ISSN 0031-3203, doi:10.1016/j.patcog.2011.08.011. Gjorgji Madjarov, Dejan Gjorgjevikj, Saso Dzeroski.

384. "Results selection diversity for web image retrieval". INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, volume 88, number 18, SI, 2011, pages 3834–3851. ISSN 0020-7160, doi:10.1080/00207160.2011.579601. Piji Li, Jun Ma, Lei Zhang. International Conference on Image and Video Retrieval (CIVR), Xian, PEOPLES R CHINA, JUL 03-07, 2010.

383. "Context-based support vector machines for interconnected image annotation", in COMPUTER VISION-ACCV 2010, PT I, (Edited by R Kimmel, R Klette, A Sugimoto), 2011, volume 6492 of Lecture Notes in Computer Science, ISBN 978-3-642-19314-9, ISSN 0302-9743, pages 214–227. Hichem Sahbi, Xi Li.

382. "Image annotation with concept level feature using plsa plus cca", in ADVANCES IN MULTIMEDIA MODELING, PT II, (Edited by KT Lee, WH Tsai, HYM Liao, T Chen, JW Hsieh, CC Tseng), 2011, volume 6524 of Lecture Notes in Computer Science, ISBN 978-3-642-17828-3, ISSN 0302-9743, pages 454–464. Yu Zheng, Tetsuya Takiguchi, Yasuo Ariki.

381. "Combining visual attention model with multi-instance learning for tag ranking". NEUROCOMPUTING, volume 74, number 17, OCT 2011, pages 3619–3627. ISSN 0925-2312, doi:10.1016/j.neucom.2011.06.014. Songhe Feng, Hong Bao, Congyan Lang, De Xu.

380. "Region-based supervised annotation for semantic image retrieval". AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, volume 65, number 11, 2011, pages 929–936. ISSN 1434-8411, doi:10.1016/j.aeue.2011.03.003. Fei Shi, Jiajun Wang, Zhiyong Wang.

379. "A review on automatic image annotation techniques". PATTERN RECOGNITION, volume 45, number 1, JAN 2012, pages 346–362. ISSN 0031-3203, doi:10.1016/j.patcog.2011.05.013. Dengsheng Zhang, Md. Monirul Islam, Guojun Lu.

378. "Semantic hierarchies for image annotation: A survey". PATTERN RECOGNITION, volume 45, number 1, JAN 2012, pages 333–345. ISSN 0031-3203, doi:10.1016/j.patcog.2011.05.017. Anne-Marie Tousch, Stephane Herbin, Jean-Yves Audibert.

377. "Baby talk: Understanding and generating simple image descriptions", in 2011 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), 2011, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4577-0393-5, ISSN 1063-6919, pages 1601–1608. Girish Kulkarni, Visruth Premraj, Sagnik Dhar, Siming Li, Yejin Choi, Alexander C. Berg, Tamara L. Berg.

376. "Learning image vicept description via mixed-norm regularization for large scale semantic image search", 2011, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4577-0393-5, ISSN 1063-6919, pages 825–832. Liang Li, Shuqiang Jiang, Qingming Huang.

375. "Improvement in image retrieval performance of vocabulary tree by adding index storage array and multiple search algorithm", 2010, ISBN 978-89-93215-02-1, pages 1682–1686. Ho-Yong Seo, Ho-Hyun Lee, Ju-Jang Lee.

374. "Rfid assisted image annotation system for a portable digital camera", 2010, ISBN 978-89-93215-02-1, pages 1156–1159. Hyunseok Kimand, Seongju Chang.

373. "Unlabeled data improves word prediction", 2009, IEEE International Conference on Computer Vision, ISBN 978-1-4244-4419-9, ISSN 1550-5499, pages 956–962, doi:10.1109/ICCV.2009.5459347. Nicolas Loeff, Ali Farhadi, Ian Endres, David A. Forsyth.

372. "Tagprop: Discriminative metric learning in nearest neighbor models for image auto-annotation", in 2009 IEEE 12TH INTERNATIONAL CONFERENCE ON COMPUTER VISION (ICCV), 2009, IEEE International Conference on Computer Vision, ISBN 978-1-4244-4419-9, ISSN 1550-5499, pages 309–316, doi:10.1109/ICCV.2009.5459266. Matthieu Guillaumin, Thomas Mensink, Jakob Verbeek, Cordelia Schmid.

371. "Automatic image annotation based on generalized relevance models". JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, volume 65, number 1, OCT 2011, pages 23–33. ISSN 1939-8018, doi:10.1007/s11265-010-0544-z. Zhiwu Lu, Horace H. S. Ip.

370. "Spatial markov kernels for image categorization and annotation". IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS, volume 41, number 4, AUG 2011, pages 976–989. ISSN 1083-4419, doi:10.1109/TSMCB.2010.2102749. Zhiwu Lu, Horace H. S. Ip.

369. "Methods for automatic and assisted image annotation". MULTIMEDIA TOOLS AND APPLICATIONS, volume 55, number 1, SI, OCT 2011, pages 7–26. ISSN 1380-7501, doi:10.1007/s11042-010-0586-z. Rui Jesus, Arnaldo J. Abrantes, Nuno Correia.

368. "Hypergraph with sampling for image retrieval". PATTERN RECOGNITION, volume 44, number 10-11, SI, OCT-NOV 2011, pages 2255–2262. ISSN 0031-3203, doi:10.1016/j.patcog.2010.07.014. Qingshan Liu, Yuchi Huang, Dimitris N. Metaxas.

367. "Learning from partial labels". JOURNAL OF MACHINE LEARNING RESEARCH, volume 12, MAY 2011, pages 1501–1536. ISSN 1532-4435. Timothee Cour, Benjamin Sapp, Ben Taskar.

366. "A neural network model with adaptive structure for image annotation", 2010, ISBN 978-1-4244-7813-2, pages 1865–1870. Zenghai Chen, Hong Fu, Zheru Chi, Dagan Feng.

365. "Visual content representation using semantically similar visual words". EXPERT SYSTEMS WITH APPLICATIONS, volume 38, number 9, SEP 2011, pages 11472–11481. ISSN 0957-4174, doi:10.1016/j.eswa.2011.03.021. Kraisak Kesorn, Sutasinee Chimlek, Stefan Poslad, Punpiti Piamsa-nga.

364. "Annotation system for medical domain", in SOFT COMPUTING MODELS IN INDUSTRIAL AND ENVIRONMENTAL APPLICATIONS, 6TH INTERNATIONAL CONFERENCE SOCO 2011, (Edited by E Corchado, V Snasel, J Sedano, AE Hassanien, JL Calvo, D Slezak), 2011, volume 87 of Advances in Intelligent and Soft Computing, ISBN 978-3-642-19643-0, ISSN 1867-5662, pages 579–587. Cristian Gabriel Mihai, Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan, Cosmin Stoica Spahiu, Eugen Ganea.

363. "Contextual kernel and spectral methods for learning the semantics of images". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 20, number 6, JUN 2011, pages 1739–1750. ISSN 1057-7149, doi:10.1109/TIP.2010.2103082. Zhiwu Lu, Horace H. S. Ip, Yuxin Peng.

362. "A hybrid probabilistic model for unified collaborative and content-based image tagging". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 33, number 7, JUL 2011, pages 1281–1294. ISSN 0162-8828, doi:10.1109/TPAMI.2010.204. Ning Zhou, William K. Cheung, Guoping Qiu, Xiangyang Xue.

361. "Semantic image retrieval using region based inverted file", 2009, ISBN 978-1-4244-5297-2, pages 242–249. Dengsheng Zhang, Md Monirul Islam, Guojun Lu, Jin Hou.

360. "Lunar image classification for terrain detection", 2010, volume 6455 of Lecture Notes in Computer Science, ISBN 978-3-642-17276-2, ISSN 0302-9743, pages 1–8. Heng-Tze Cheng, Feng-Tso Sun, Senaka Buthpitiya, Ying Zhang, Ara V. Nefian.

359. "Automatic image annotations by mining web image data", 2009, ISBN 978-1-4244-5384-9, pages 152–157, doi:10.1109/ICDMW.2009.19. Guiguang Ding, Jianmin Wang, Na Xu, Lu Zhang.

358. "Video2text: Learning to annotate video content", in 2009 IEEE INTERNATIONAL CONFERENCE ON DATA MINING WORKSHOPS (ICDMW 2009), (Edited by Y Saygin, JX Yu, H Kargupta, W Wang, S Ranka, PS Yu, XD Wu), 2009, ISBN 978-1-4244-5384-9, pages 144–151, doi:10.1109/ ICDMW.2009.79. Hrishikesh Aradhye, George Toderici, Jay Yagnik.

357. "Annotating flickr photos by manifold-ranking based tag ranking and tag expanding", in INFORMATION COMPUTING AND APPLICATIONS, (Edited by RB Zhu, YC Zhang, BX Liu, CF Liu), 2010, volume 6377 of Lecture Notes in Computer Science, ISBN 978-3-642-16166-7, ISSN 0302-9743, pages 221–228. Zheng Liu, Hua Yan.

356. "Patsi - photo annotation through finding similar images with multivariate gaussian models", in COMPUTER VISION AND GRAPHICS, PT II, (Edited by L Bolc, R Tadeusiewicz, LJ Chmielewski, K Wojciechowski), 2010, volume 6375 of Lecture Notes in Computer Science, ISBN 978-3-642-15906-0, ISSN 0302-9743, pages 284–291. Michal Stanek, Bartosz Broda, Halina Kwasnicka.

355. "Graph based learning for hybrid algorithm to image annotation", 2011, volume 179-180 of Advanced Materials Research, ISBN 978-3-03785-016-9, ISSN 1022-6680, pages 685–690, doi:10.4028/ www.scientific.net/AMR.179-180.685. Xiaohong Hu, Xiaolei Wang, Xiuran Wei.

354. "Symmetric statistical translation models for automatic image annotation", in PROCEEDINGS OF THE FIFTH SIAM INTERNATIONAL CONFERENCE ON DATA MINING, (Edited by H Kargupta, J Srivastava, C Kamath, A Goodman), 2005, SIAM Proceedings Series, ISBN 978-0-89871-593-4, pages 616–620. Feng Kang, Rong Jin.

353. "Image annotation by incorporating word correlations into multi-class svm". SOFT COMPUTING, volume 15, number 5, MAY 2011, pages 917–927. ISSN 1432-7643, doi:10.1007/s00500-010-0558-2. Lei Zhang, Jun Ma.

352. "Automatic semantic image classification and retrieval based on the weighted feature algorithm", in 2ND IEEE INTERNATIONAL CONFERENCE ON ADVANCED COMPUTER CONTROL (ICACC 2010), VOL. 2, (Edited by H Xu), 2010, ISBN 978-1-4244-5847-9, pages 87–91. Keping Wang, Xiaojie Wang, Ke Zhang, Yixin Zhong.

351. "Comparing axial ct slices in quantized n-dimensional surf descriptor space to estimate the visible body region". COMPUTERIZED MEDICAL IMAGING AND GRAPHICS, volume 35, number 3, APR 2011, pages 227–236. ISSN 0895-6111, doi:10.1016/j.compmedimag.2010.11.004. Johannes Feulner, S. Kevin Zhou, Elli Angelopoulou, Sascha Seifert, Alexander Cavallaro, Joachim Hornegger, Dorin Comaniciu.

350. "Automatic image search based on improved feature descriptors and decision tree". INTEGRATED COMPUTER-AIDED ENGINEERING, volume 18, number 2, 2011, pages 167–180. ISSN 1069-2509, doi:10.3233/ICA-2011-0364. Jin Hou, Zeng Chen, Xue Qin, Dengsheng Zhang.

349. "Learning visual contexts for image annotation from flickr groups". IEEE TRANSACTIONS ON MULTIMEDIA, volume 13, number 2, APR 2011, pages 330–341. ISSN 1520-9210, doi:10.1109/TMM. 2010.2101051. Adrian Ulges, Marcel Worring, Thomas Breuel.

348. "Improving automatic image captioning using text summarization techniques", in TEXT, SPEECH AND DIALOGUE, (Edited by P Sojka, A Horak, I Kopecek, K Pala), 2010, volume 6231 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-15759-2, ISSN 0302-9743, pages 165–172. Laura Plaza, Elena Lloret, Ahmet Aker.

347. "Bayesian framework for automatic image annotation using visual keywords", in UBIQUITOUS COMPUTING AND MULTIMEDIA APPLICATIONS, (Edited by GS Tomar, WI Grosky, TH Kim, S Mohammed, SK Saha), 2010, volume 75 of Communications in Computer and Information Science,

ISBN 978-3-642-13466-1, ISSN 1865-0929, pages 142–157. Rajeev Agrawal, Changhua Wu, William Grosky, Farshad Fotouhi.

346. "Intelligent content retrieval using a visual vocabulary and geometric constraints", in <u>2010 IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS (FUZZ-IEEE 2010)</u>, 2010, IEEE International Conference on Fuzzy Systems, ISBN 978-1-4244-6920-8, ISSN 1098-7584. Evaggelos Spyrou, Yannis Kalantidis, Giorgos Tolias, Phivos Mylonas, Stefanos Kollias.

345. "Image retrieval via probabilistic hypergraph ranking", 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3376–3383, doi:10.1109/CVPR.2010.5540012. Yuchi Huang, Qingshan Liu, Shaoting Zhang, Dimitris N. Metaxas.

344. "Semantic context modeling with maximal margin conditional random fields for automatic image annotation", 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3368–3375, doi:10.1109/CVPR.2010.5540015. Yu Xiang, Xiangdong Zhou, Zuotao Liu, Tat-Seng Chua, Chong-Wah Ngo.

343. "Building and using a semantivisual image hierarchy", 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3336–3343, doi:10.1109/CVPR.2010.5540027. Li-Jia Li, Chong Wang, Yongwhan Lim, David M. Blei, Li Fei-Fei.

342. "Automatic image annotation using group sparsity", in <u>2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR)</u>, 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3312–3319, doi:10.1109/CVPR.2010.5540036. Shaoting Zhang, Junzhou Huang, Yuchi Huang, Yang Yu, Hongsheng Li, Dimitris N. Metaxas.

341. "Online visual vocabulary pruning using pairwise constraints", in <u>2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR)</u>, 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3073–3080, doi:10.1109/CVPR.2010.5540062. Pavan K. Mallapragada, Rong Jin, Anil K. Jain.

340. "Using a network of scalable ontologies for intelligent indexing and retrieval of visual content", 2010, volume 324 of Studies in Computational Intelligence, ISBN 978-3-642-16088-2, ISSN 1860-949X, pages 233–248. Atta Badii, Chattun Lallah, Meng Zhu, Michael Crouch.

339. "Automatic image annotation with continuous plsa", in <u>2010 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING</u>, 2010, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 978-1-4244-4296-6, ISSN 1520-6149, pages 806–809, doi:10.1109/ICASSP.2010.5494943. Zhixin Li, Zhiping Shi, Xi Liu, Zhongzhi Shi.

338. "A semantic similarity language model to improve automatic image annotation", 2010, Proceedings-International Conference on Tools With Artificial Intelligence, ISBN 978-0-7695-4263-8, ISSN 1082-3409, doi:10.1109/ICTAI.2010.35. Tianxia Gong, Shimiao Li, Chew Lim Tan.

337. "Video annotation using hierarchical dirichlet process mixture model". <u>EXPERT SYSTEMS WITH APPLICATIONS</u>, volume 38, number 4, APR 2011, pages 3040–3048. ISSN 0957-4174, doi:10.1016/j.eswa.2010.08.094. Roung-Shiunn Wu, Po-Chun Li.

336. "Image to text translation by multi-label classification", in <u>ADVANCED INTELLIGENT COMPUTING THEORIES AND APPLICATIONS: WITH ASPECTS OF ARTIFICIAL INTELLIGENCE</u>, (Edited by DS Huang, X Zhang, CAR Garcia, L Zhang), 2010, volume 6216 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-14931-3, ISSN 0302-9743, pages 247–254. Gulisong Nasierding, Abbas Z. Kouzani.

335. "Discovering phrase-level lexicon for image annotation", 2010, volume 6297 of Lecture Notes in Computer Science, ISBN 978-3-642-15701-1, ISSN 0302-9743, pages 183–192. Lei Yu, Jing Liu, Changsheng Xu.

334. "Learning contextual metrics for automatic image annotation", in <u>ADVANCES IN MULTIMEDIA INFORMATION PROCESSING-PCM 2010, PT I</u>, (Edited by GP Qiu, KM Lam, H Kiya, XY Xue, CCJ Kuo, MS Lew), 2010, volume 6297 of Lecture Notes in Computer Science, ISBN 978-3-642-15701-1, ISSN 0302-9743, pages 124–135. Zuotao Liu, Xiangdong Zhou, Yu Xiang, Yan-Tao Zheng.

333. "Every picture tells a story: Generating sentences from images", in <u>COMPUTER VISION-ECCV 2010, PT IV</u>, (Edited by K Daniilidis, P Maragos, N Paragios), 2010, volume 6314 of Lecture Notes in Computer Science, ISBN 978-3-642-15560-4, ISSN 0302-9743, pages 15–29. Ali Farhadi, Mohsen Hejrati, Mohammad Amin Sadeghi, Peter Young, Cyrus Rashtchian, Julia Hockenmaier, David Forsyth.

332. "Modeling continuous visual features for semantic image annotation and retrieval". <u>PATTERN RECOGNITION LETTERS</u>, volume 32, number 3, FEB 1 2011, pages 516–523. ISSN 0167-8655, doi:10.1016/j.patrec.2010.11.015. Zhixin Li, Zhiping Shi, Xi Liu, Zhongzhi Shi.

331. "Building descriptive and discriminative visual codebook for large-scale image applications". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 51, number 2, SI, JAN 2011, pages 441–477. ISSN 1380-7501, doi:10.1007/s11042-010-0636-6. Qi Tian, Shiliang Zhang, Wengang Zhou, Rongrong Ji, Bingbing Ni, Nicu Sebe.

330. "Large-scale text to image retrieval using a bayesian k-neighborhood model", in <u>STRUCTURAL, SYNTACTIC, AND STATISTICAL PATTERN RECOGNITION</u>, (Edited by ER Hancock, RC Wilson, T Windeatt, I Ulusoy, F Escolano), 2010, volume 6218 of Lecture Notes in Computer Science, ISBN 978-3-642-14979-5, ISSN 0302-9743, pages 483–492. Roberto Paredes.

329. "Automatic attribute discovery and characterization from noisy web data", in <u>COMPUTER VISION-ECCV 2010, PT I</u>, (Edited by K Daniilidis, P Maragos, N Paragios), 2010, volume 6311 of Lecture Notes in Computer Science, ISBN 978-3-642-15548-2, ISSN 0302-9743, pages 663–676. Tamara L. Berg, Alexander C. Berg, Jonathan Shih.

328. "Multimedia translation for linking visual data to semantics in videos". <u>MACHINE VISION AND APPLICATIONS</u>, volume 22, number 1, JAN 2011, pages 99–115. ISSN 0932-8092, doi:10.1007/s00138-009-0217-8. Pinar Duygulu, Muhammet Bastan.

327. "Efficient region-aware large graph construction towards scalable multi-label propagation". <u>PATTERN RECOGNITION</u>, volume 44, number 3, MAR 2011, pages 598–606. ISSN 0031-3203, doi:10.1016/j.patcog.2010.10.001. Bing-Kun Bao, Bingbing Ni, Yadong Mu, Shuicheng Yan.

326. "Contextual classification of image patches with latent aspect models". <u>EURASIP JOURNAL ON IMAGE AND VIDEO PROCESSING</u>. ISSN 1687-5281, doi:10.1155/2009/602920. Florent Monay, Pedro Quelhas, Jean-Marc Odobez, Daniel Gatica-Perez.

325. "An information-theoretic framework for semantic-multimedia retrieval". <u>ACM TRANSACTIONS ON INFORMATION SYSTEMS</u>, volume 28, number 4. ISSN 1046-8188, doi:10.1145/1852102.1852105. Joao Magalhaes, Stefan Rueger.

324. "From content-based image retrieval by shape to image annotation". <u>ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING</u>, volume 10, number 4, 2010, pages 49–56. ISSN 1582-7445, doi:10.4316/AECE.2010.04008. Irina Mocanu.

323. "Semantic retrieval and automatic annotation: Linear transformations, correlation and semantic spaces", in <u>IMAGING AND PRINTING IN A WEB 2.0 WORLD; AND MULTIMEDIA CONTENT ACCESS: ALGORITHMS AND SYSTEMS IV</u>, (Edited by Q Lin, ZZ Fan, T Gevers, R Schettini, C Snoek), 2010, volume 7540 of Proceedings of SPIE, ISBN 978-0-8194-7933-4, ISSN 0277-786X, doi:10.1117/12.838798. Jonathon S. Hare, Paul H. Lewis.

322. "Fusing semantic aspects for image annotation and retrieval". <u>JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION</u>, volume 21, number 8, NOV 2010, pages 798–805. ISSN 1047-3203, doi:10.1016/j.jvcir.2010.06.004. Zhixin Li, Zhiping Shi, Xi Liu, Zhiqing Li, Zhongzhi Shi.

321. "Exploiting multi-modal interactions: A unified framework", in 21ST INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE (IJCAI-09), PROCEEDINGS, (Edited by C Boutilier), 2009, ISBN 978-1-57735-426-0, pages 1120–1125. Ming Li, Xiao-Bing Xue, Zhi-Hua Zhou.

320. "Image interpretation using large corpus: Wikipedia". PROCEEDINGS OF THE IEEE, volume 98, number 8, SI, AUG 2010, pages 1509–1525. ISSN 0018-9219, doi:10.1109/JPROC.2010.2050410. Mandar Rahurkar, Shen-Fu Tsai, Charlie Dagli, Thomas S. Huang.

319. "Lda-based automatic image annotation model", 2010, volume 108-111 of Advanced Materials Research, ISBN 978-0-87849-269-5, ISSN 1022-6680, pages 88–94, doi:10.4028/www.scientific.net/AMR.108-111.88. Liu Zheng.

318. "Bridging the semantic gap between image contents and tags". IEEE TRANSACTIONS ON MULTIMEDIA, volume 12, number 5, AUG 2010, pages 462–473. ISSN 1520-9210, doi:10.1109/TMM.2010.2051360. Hao Ma, Jianke Zhu, Michael Rung-Tsong Lyu, Irwin King.

317. "Automatic image annotation using search result clustering and refinement", 2010, ISBN 978-0-9798471-8-9, pages 113–116. Xiao-neng Xie.

316. "Integrating computer vision with web-based knowledge for medical diagnostic assistance". EXPERT SYSTEMS, volume 27, number 4, SEP 2010, pages 247–258. ISSN 0266-4720, doi:10.1111/j.1468-0394.2010.00520.x. Aviv Segev.

315. "Image semantic coding using otb", in 2009 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, VOLS 1-5, 2009, IEEE International Symposium on Geoscience and Remote Sensing IGARSS, ISBN 978-1-4244-3394-0, pages 3125–3128. Marie Lienou, Marine Campedel.

314. "Image annotation and retrieval for weakly labeled images using conceptual learning". NEW GENERATION COMPUTING, volume 28, number 3, JUL 2010, pages 277–298. ISSN 0288-3635, doi:10.1007/s00354-009-0090-z. Tatsuya Harada, Hideki Nakayama, Yasuo Kuniyoshi, Nobuyuki Otsu.

313. "Modeling latent aspects for automatic image annotation", in 2009 16TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1-6, 2009, ISBN 978-1-4244-5653-6, pages 1837–1840. Zhixin Li, Zhiping Shi, Zhiqing Li, Zhongzhi Shi.

312. "A spectral method for context based disambiguation of image annotations", 2009, ISBN 978-1-4244-5653-6, pages 789–792, doi:10.1109/ICIP.2009.5414229. Dimitri Semenovich, Arcot Sowmya.

311. "Generalized relevance models for automatic image annotation", in ADVANCES IN MULTIMEDIA INFORMATION PROCESSING - PCM 2009, (Edited by P Muneesawang, F Wu, I Kumazawa, A Roeksabutr, M Liao, X Tang), 2009, volume 5879 of Lecture Notes in Computer Science, ISBN 978-3-642-10466-4, ISSN 0302-9743, pages 245–255. Zhiwu Lu, Horace H. S. Ip.

310. "Image annotation techniques based on feature selection for class-pairs". KNOWLEDGE AND INFORMATION SYSTEMS, volume 24, number 2, AUG 2010, pages 325–337. ISSN 0219-1377, doi:10.1007/s10115-009-0240-0. Jianjiang Lu, Ran Li, Yafei Zhang, Tianzhong Zhao, Zining Lu.

309. "Ai goggles: Real-time description and retrieval in the real world with online learning", 2009, ISBN 978-1-4244-4211-9, pages 184–191, doi:10.1109/CRV.2009.9. Hideki Nakayama, Tatsuya Harada, Yasuo Kuniyoshi.

308. "Learning 3d mesh segmentation and labeling". ACM TRANSACTIONS ON GRAPHICS, volume 29, number 4. ISSN 0730-0301, doi:10.1145/1778765.1778839. Evangelos Kalogerakis, Aaron Hertzmann, Karan Singh.

307. "Clustering based multi-label classification for image annotation and retrieval", in 2009 IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN AND CYBERNETICS (SMC 2009), VOLS 1-9, 2009, IEEE International Conference on Systems Man and Cybernetics Conference Proceedings, ISBN 978-1-4244-2793-2, ISSN 1062-922X, pages 4514–4519, doi:10.1109/ICSMC.2009.5346902. Gulisong Nasierding, Grigorios Tsoumakas, Abbas Z. Kouzani.

306. "A framework for evaluating automatic image annotation algorithms", in ADVANCES IN INFORMATION RETRIEVAL, PROCEEDINGS, (Edited by C Gurrin, Y He, G Kazai, U Kruschwitz, S Little, T Roelleke, S Ruger, K VanRijsbergen), 2010, volume 5993 of Lecture Notes in Computer Science, ISBN 978-3-642-12274-3, ISSN 0302-9743, pages 217–228. Konstantinos Athanasakos, Vassilios Stathopoulos, Joemon M. Jose.

305. "Baselines for image annotation". INTERNATIONAL JOURNAL OF COMPUTER VISION, volume 90, number 1, OCT 2010, pages 88–105. ISSN 0920-5691, doi:10.1007/s11263-010-0338-6. Ameesh Makadia, Vladimir Pavlovic, Sanjiv Kumar.

304. "Automatic image annotation with cooperation of concept-specific and universal visual vocabularies", in ADVANCES IN MULTIMEDIA MODELING, PROCEEDINGS, (Edited by S Boll, Q Tian, L Zhang, Z Zhang, YPP Chen), 2010, volume 5916 of Lecture Notes in Computer Science, ISBN 978-3-642-11300-0, ISSN 0302-9743, pages 262–272. Yanjie Wang, Xiabi Liu, Yunde Jia.

303. "Learning sign language by watching tv (using weakly aligned subtitles)", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 2953–2960. Patrick Buehler, Mark Everingham, Andrew Zisserman.

302. "Towards total scene understanding: Classification, annotation and segmentation in an automatic framework", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 2036–2043. Li-Jia Li, Richard Socher, Li Fei-Fei.

301. "Simultaneous image classification and annotation", in CVPR: 2009 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-4, 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 1903–1910. Chong Wang, David Blei, Li Fei-Fei.

300. "Holistic context modeling using semantic co-occurrences", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 1889–1895. Nikhil Rasiwasia, Nuno Vasconcelos.

299. "Multi-label sparse coding for automatic image annotation", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 1643–1650. Changhu Wang, Shuicheng Yan, Lei Zhang, Hong-Jiang Zhang.

298. "A revisit of generative model for automatic image annotation using markov random fields", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 1153–1160. Yu Xiang, Xiangdong Zhou, Tat-Seng Chua, Chong-Wah Ngo.

297. "Learning from ambiguously labeled images", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 919–926. Timothee Cour, Benjamin Sapp, Chris Jordan, Ben Taskar.

296. "Learning a distance metric from multi-instance multi-label data", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 896–902. Rong Jin, Shijun Wang, Zhi-Hua Zhou.

295. "Semantics-preserving bag-of-words models and applications". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 19, number 7, JUL 2010, pages 1908–1920. ISSN 1057-7149, doi:10.1109/TIP.2010.2045169. Lei Wu, Steven C. H. Hoi, Nenghai Yu.

294. "Region-based semi-automatic annotation using the bag of words representation of the keywords", in PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON IMAGE AND GRAPHICS (ICIG 2009), (Edited by YJ Zhang), 2009, ISBN 978-0-7695-3883-9, pages 422–427, doi: 10.1109/ICIG.2009.68. Nhu Van Nguyen, Alain Boucher, Jean-Marc Ogier, Salvatore Tabbone.

293. "Modeling, classifying and annotating weakly annotated images using bayesian network". JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, volume 21, number 4, MAY 2010, pages 355–363. ISSN 1047-3203, doi:10.1016/j.jvcir.2010.02.010. Sabine Barrat, Salvatore Tabbone.

292. "Clustering-based hybrid inundation model for forecasting flood inundation depths". JOURNAL OF HYDROLOGY, volume 385, number 1-4, MAY 7 2010, pages 257–268. ISSN 0022-1694, doi:10.1016/j.jhydrol.2010.02.028. Li-Chiu Chang, Hung-Yu Shen, Yi-Fung Wang, Jing-Yu Huang, Yen-Tso Lin.

291. "Automatic tag expansion using visual similarity for photo sharing websites". MULTIMEDIA TOOLS AND APPLICATIONS, volume 49, number 1, SI, AUG 2010, pages 81–99. ISSN 1380-7501, doi: 10.1007/s11042-009-0394-5. Sare Gul Sevil, Onur Kucuktunc, Pinar Duygulu, Fazli Can.

290. "Towards developing a unified multimodal image retrieval framework", in ICME: 2009 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-3, 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 1656–1659. Zhongfei (Mark) Zhang, Zhen Guo, Ruofei Zhang.

289. "Web image interpretation: Semi-supervised mining annotated words", 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 1512–1515. Fei Wu, Dingyi Xia, Yueting Zhuang, Hanwang Zhang, Wenhao Liu.

288. "Image annotation and retrieval based on efficient learning of contextual latent space", 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 858–861. Tatsuya Harada, Hideki Nakayama, Yasuo Kuniyoshi.

287. "Learning image semantics with latent aspect model", in ICME: 2009 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-3, 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 366–369. Zhixin Li, Xi Liu, Zhiping Shi, Zhongzhi Shi.

286. "Large scale online learning of image similarity through ranking". JOURNAL OF MACHINE LEARNING RESEARCH, volume 11, MAR 2010, pages 1109–1135. ISSN 1532-4435. Gal Chechik, Varun Sharma, Uri Shalit, Samy Bengio.

285. "Image annotation based on constrained clustering and semi-naive bayesian model", 2009, IEEE Symposium on Computers and Communications ISCC, ISBN 978-1-4244-4672-8, ISSN 1530-1346, pages 430–435. M. Maher Ben Ismail, Hichem Frigui.

284. "Image annotation using sub-block energy of color correlograms", in ARTIFICIAL INTELLIGENCE AND COMPUTATIONAL INTELLIGENCE, PROCEEDINGS, (Edited by H Deng, LZ Wang, FL Wang, JS Lei), 2009, volume 5855 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-05252-1, ISSN 0302-9743, pages 555–562. Jingsheng Lei.

283. "Leveraging social media for training object detectors", in 2009 16TH INTERNATIONAL CONFERENCE ON DIGITAL SIGNAL PROCESSING, VOLS 1 AND 2, 2009, ISBN 978-1-4244-3297-4, pages 232–239. E. Chatzilari, S. Nikolopoulos, I. Kompatsiaris, E. Giannakidou, A. Vakali.

282. "Knowledge propagation in collaborative tagging for image retrieval". JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, volume 59, number 2, SI, MAY 2010, pages 163–175. ISSN 1939-8018, doi:10.1007/s11265-008-0288-1. Kim-Hui Yap, Kui Wu, Ce Zhu.

281. "The segmented and annotated iapr tc-12 benchmark". COMPUTER VISION AND IMAGE UNDERSTANDING, volume 114, number 4, APR 2010, pages 419–428. ISSN 1077-3142, doi: 10.1016/j.cviu.2009.03.008. Hugo Jair Escalante, Carlos A. Hernandez, Jesus A. Gonzalez, A. Lopez-Lopez, Manuel Montes, Eduardo F. Morales, L. Enrique Sucar, Luis Villasenor, Michael Grubinger.

280. "The pascal visual object classes (voc) challenge". INTERNATIONAL JOURNAL OF COMPUTER VISION, volume 88, number 2, SI, JUN 10 2010, pages 303–338. ISSN 0920-5691, doi:10.1007/ s11263-009-0275-4. Mark Everingham, Luc Van Gool, Christopher K. I. Williams, John Winn, Andrew Zisserman.

279. "Image annotation by graph-based inference with integrated multiple/single instance representations". IEEE TRANSACTIONS ON MULTIMEDIA, volume 12, number 2, FEB 2010, pages 131–141. ISSN 1520-9210, doi:10.1109/TMM.2009.2037373. Jinhui Tang, Haojie Li, Guo-Jun Qi, Tat-Seng Chua.

278. "An exploration-based interface for interactive image retrieval", 2009, ISBN 978-1-4244-5649-9, pages 192–197. Bart Thomee, Mark J. Huiskes, Erwin Bakker, Michael S. Lew.

277. "An interactive framework for online image annotation", 2009, ISBN 978-1-4244-4898-2, pages 400–404. Xinxin Gao, Chuang Zhang, Ming Wu, Zhiqing Lin.

276. "Review on statistical approaches for automatic image annotation", in 2009 INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND INFORMATICS, VOLS 1 AND 2, 2009, ISBN 978-1-4244-4912-5, pages 56–61. Syaifulnizam Abd Manaf, Md Jan Nordin.

275. "Image annotation with semi-supervised clustering", 2009, ISBN 978-1-4244-5021-3, pages 12–17, doi: 10.1109/ISCIS.2009.5291929. Ahmet Sayar, Fatos T. Yarman Vural.

274. "Conservation of effort in feature selection for image annotation", 2009, ISBN 978-1-4244-4463-2, pages 414–419. Suzanne Little, Stefan Ruger.

273. "Automatic image annotation based on improved relevance model", in 2009 ASIA-PACIFIC CONFERENCE ON INFORMATION PROCESSING (APCIP 2009), VOL 2, PROCEEDINGS, (Edited by L Qi), 2009, ISBN 978-0-7695-3699-6, pages 59–62, doi:10.1109/APCIP.2009.151. Haiyu Song, Xiongfei Li, Haiyu Song, Pengjie Wang.

272. "Hanolistic: A hierarchical automatic image annotation system using holistic approach", in 2009 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS (CVPR WORKSHOPS 2009), VOLS 1 AND 2, 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3994-2, ISSN 1063-6919, pages 899–904. Oezge Oeztimur Karadag, Fatos T. Yarman Vural.

271. "Multiple label prediction for image annotation with multiple kernel correlation models", 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3994-2, ISSN 1063-6919, pages 891–898. Oksana Yakhnenko, Vasant Honavar.

270. "A unified image retrieval framework on local visual and semantic concept-based feature spaces". JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, volume 20, number 7, OCT 2009, pages 450–462. ISSN 1047-3203, doi:10.1016/j.jvcir.2009.06.001. Md. Mahmudur Rahman, Prabir Bhattacharya, Bipin C. Desai.

269. "Knowledge based image annotation refinement". JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, volume 58, number 3, MAR 2010, pages 387–406. ISSN 1939-8018, doi:10.1007/s11265-009-0391-y. Yohan Jin, Latifur Khan, B. Prabhakaran.

268. "Automatic image annotation using colour entropy and region contours", in 2009 IEEE INTERNATIONAL ADVANCE COMPUTING CONFERENCE, VOLS 1-3, 2009, ISBN 978-1-4244-2927-1, pages 109–113, doi:10.1109/IADCC.2009.4808990. G. Sureshkumar, R. Baskaran, A. Sathya, A. Deivamani.

267. "A multi-faceted browsing interface for digital photo collections", 2009, ISBN 978-1-4244-4265-2, pages 237–242. Ilaria Bartolini.

266. "Robust image annotation refinement via graph-based learning", 2009, ISBN 978-1-4244-2723-9, pages 3934–3937. Xiaohong Hu, Xu Qian, Lei Xi, Xinming Ma.

265. "Image interpretation: mining the visible and syntactic correlation of annotated words". JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A, volume 10, number 12, DEC 2009, pages 1759–1768. ISSN 1673-565X, doi:10.1631/jzus.A0820856. Ding-yin Xia, Fei Wu, Wen-hao Liu, Han-wang Zhang.

264. "Improved resulted word counts optimizer for automatic image annotation problem". FUNDAMENTA INFORMATICAE, volume 96, number 4, 2009, pages 435–463. ISSN 0169-2968, doi:10.3233/FI-2009-187. Mariusz Paradowski, Halina Kwasnicka.

263. "Automatic cleaning and segmentation of web images based on colors to build learning databases". IMAGE AND VISION COMPUTING, volume 28, number 3, MAR 2010, pages 317–328. ISSN 0262-8856, doi:10.1016/j.imavis.2009.06.005. Christophe Millet, Isabelle Bloch, Patrick Hede, Pierre-Alain Moellic.

262. "Cross-media alignment of names and faces". IEEE TRANSACTIONS ON MULTIMEDIA, volume 12, number 1, JAN 2010, pages 13–27. ISSN 1520-9210, doi:10.1109/TMM.2009.2036232. Phi The Pham, Marie-Francine Moens, Tinne Tuytelaars.

261. "The analysis and overview of semantic image interpretation", 2009, ITI, ISBN 978-953-7138-15-8, ISSN 1330-1012, pages 181–186, doi:10.1109/ITI.2009.5196076. Marina Ivasic-Kos, Mile Pavlic, Patrizia Poscic.

260. "Using language to learn structured appearance models for image annotation". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 32, number 1, JAN 2010, pages 148–164. ISSN 0162-8828, doi:10.1109/TPAMI.2008.283. Michael Jamieson, Afsaneh Fazly, Suzanne Stevenson, Sven Dickinson, Sven Wachsmuth.

259. "Transductive multi-instance multi-label learning algorithm with application to automatic image annotation". EXPERT SYSTEMS WITH APPLICATIONS, volume 37, number 1, JAN 2010, pages 661–670. ISSN 0957-4174, doi:10.1016/j.eswa.2009.06.111. Songhe Feng, De Xu.

258. "Towards fully un-supervised methods for generating object detection classifiers using social data", 2009, ISBN 978-1-4244-3609-5, pages 230–233, doi:10.1109/WIAMIS.2009.5031475. Spiros Nikolopoulos, Elisavet Chatzilari, Eirini Giannakidou, Ioannis Kompatsiaris.

257. "Attention-driven salient edge(s) and region(s) extraction with application to cbir". SIGNAL PROCESSING, volume 90, number 1, JAN 2010, pages 1–15. ISSN 0165-1684, doi:10.1016/j.sigpro.2009.05.017. Songhe Feng, De Xu, Xu Yang.

256. "Semi-automatic knowledge extraction, representation and context-sensitive intelligent retrieval of video content using collateral context modelling with scalable ontological networks". SIGNAL PROCESSING-IMAGE COMMUNICATION, volume 24, number 9, OCT 2009, pages 759–773. ISSN 0923-5965, doi:10.1016/j.image.2009.05.003. Atta Badii, Chattun Lallah, Meng Zhu, Michael Crouch.

255. "An evidence-driven probabilistic inference framework for semantic image understanding", in MACHINE LEARNING AND DATA MINING IN PATTERN RECOGNITION, (Edited by P Perner), 2009, volume 5632 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-03069-7, ISSN 0302-9743, pages 525–539. Spiros Nikolopoulos, Georgios Th. Papadopoulos, Ioannis Kompatsiaris, Ioannis Patras.

254. "Semi-supervised learning model based efficient image annotation". IEEE SIGNAL PROCESSING LETTERS, volume 16, number 11, NOV 2009, pages 989–992. ISSN 1070-9908, doi:10.1109/LSP.2009.2028114. Songhao Zhu, Yuncai Liu.

253. "Visual and textual fusion for semantically supervised region-based retrieval". MULTIMEDIA SYSTEMS, volume 15, number 4, AUG 2009, pages 201–219. ISSN 0942-4962, doi:10.1007/s00530-009-0154-4. Rongrong Ji, Hongxun Yao, Pengfei Xu, Xiaoshuai Sun.

252. "Color image classification using block matching and learning". IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS, volume E92D, number 7, JUL 2009, pages 1484–1487. ISSN 0916-8532, doi:10.1587/transinf.E92.D.1484. Kazuki Kondo, Seiji Hotta.

251. "Empirical comparison of automatic image annotation systems", in 2008 FIRST INTERNATIONAL WORKSHOPS ON IMAGE PROCESSING THEORY, TOOLS AND APPLICATIONS (IPTA), 2008, ISBN 978-1-4244-3321-6, pages 114–121. M. Maher Ben Ismail, Hichem Frigui, Joshua Caudill.

250. "Enhanced max margin learning on multimodal data mining in a multimedia database", in KDD-2007 PROCEEDINGS OF THE THIRTEENTH ACM SIGKDD INTERNATIONAL CONFERENCE ON KNOWLEDGE DISCOVERY AND DATA MINING, (Edited by P Berkhin, R Caruana, X Wu, S Gaffney), 2007, ISBN 978-1-59593-609-7, pages 340–349. Zhen Guo, Zhongfei (Mark) Zhang, Eric P. Xing, Christos Faloutsos.

249. "Tsvm-hmm: Transductive svm based hidden markov model for automatic image annotation". EXPERT SYSTEMS WITH APPLICATIONS, volume 36, number 6, AUG 2009, pages 9813–9818. ISSN 0957-4174, doi:10.1016/j.eswa.2009.02.050. Yufeng Zhao, Yao Zhao, Zhenfeng Zhu.

248. "Mrs-mil: Minimum reference set based multiple instance learning for automatic image annotation", 2008, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-1765-0, ISSN 1522-4880, pages 2160–2163. Yufeng Zhao, Yao Zhao, Zhenfeng Zhu, Jeng-Shyang Pan.

247. "Multi-graph similarity reinforcement for image annotation refinement", 2008, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-1765-0, ISSN 1522-4880, pages 993–996. Jimin Jia, Nenghai Yu, Xiaoguang Rui, Mingjing Li.

246. "Object discovery in high-resolution remote sensing images: a semantic perspective". KNOWLEDGE AND INFORMATION SYSTEMS, volume 19, number 2, MAY 2009, pages 211–233. ISSN 0219-1377, doi:10.1007/s10115-008-0160-4. Dihua Guo, Hui Xiong, Vijayalakshmi Atluri, Nabil R. Adam. 11th Pacific-Asia Conference on Knowledge Discovery and Data Mining, Nanjing, PEOPLES R CHINA, MAY 22-25, 2007-5007.

245. "Using second order statistics to enhance automated image annotation", in ADVANCES IN INFORMATION RETRIEVAL, PROCEEDINGS, (Edited by M Boughanem, C Berrut, J Mothe, C SouleDupuy), 2009, volume 5478 of Lecture Notes in Computer Science, ISBN 978-3-642-00957-0, ISSN 0302-9743, pages 570–577. Ainhoa Llorente, Stefan Rueger.

244. "Bayesian mixture hierarchies for automatic image annotation", in ADVANCES IN INFORMATION RETRIEVAL, PROCEEDINGS, (Edited by M Boughanem, C Berrut, J Mothe, C SouleDupuy), 2009, volume 5478 of Lecture Notes in Computer Science, ISBN 978-3-642-00957-0, ISSN 0302-9743, pages 138–149. Vassilios Stathopoulos, Joemon M. Jose.

243. "Taking the bite out of automated naming of characters in tv video". IMAGE AND VISION COMPUTING, volume 27, number 5, APR 2 2009, pages 545–559. ISSN 0262-8856, doi:10.1016/j.imavis.2008.04.018. Mark Everingham, Josef Sivic, Andrew Zisserman. 17th Annual British Machine Vision Conference, British Machine Vis Assoc, Edinburgh, SCOTLAND, SEP, 2006.

242. "Learning to recommend tags for on-line photos", in SOCIAL COMPUTING AND BEHAVIORAL MODELING, (Edited by H Liu, H Liu, JJ Salerno, MJ Young), 2009, ISBN 978-1-4419-0055-5, pages 227–235, doi:10.1007/978-1-4419-0056-2_29. Zheshen Wang, Baoxin Li.

241. "A novel region-based image annotation using multi-instance learning", 2009, ISBN 978-0-7695-3543-2, pages 602–605, doi:10.1109/WKDD.2009.89. Xiaohong Hu, Xu Qian, Xinming Ma, Ziqiang Wang.

240. "Automatic web image annotation via web-scale image semantic space learning", in ADVANCES IN DATA AND WEB MANAGEMENT, PROCEEDINGS, (Edited by Q Li, L Feng, J Pei, SX Wang, XF Zhou, QM Zhu), 2009, volume 5446 of Lecture Notes in Computer Science, ISBN 978-3-642-00671-5, ISSN 0302-9743, pages 211–222. Hongtao Xu, Xiangdong Zhou, Lan Lin, Yu Xiang, Baile Shi.

239. "Hanolistic: A hierarchical automatic image annotation system using holistic approach", in 23RD INTERNATIONAL SYMPOSIUM ON COMPUTER AND INFORMATION SCIENCES, 2008, ISBN 978-1-4244-2880-9, pages 156–161. Ozge Oztimur, Fatos T. Yarman Vural.

238. "Image annotation by semi-supervised clustering constrained by sift orientation information", 2008, ISBN 978-1-4244-2880-9, pages 152–155. Ahmet Sayar, Fatos T. Yarman-Vural.

237. "Web image annotation using word co-occurrence and association analysis", 2008, ISBN 978-1-4244-2880-9, pages 34–37. Yin-Fu Huang, Hsiu-Chen Liao.

236. "Content-based semantic indexing of image using fuzzy support vector machines", 2008, ISBN 978-1-4244-2316-3, pages 138–143. Jianming Li, Shuguang Huang, Rongsheng He, Kunming Qian.

235. "Image annotation refinement using semantic similarity correlation", 2008, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 978-1-4244-2174-9, ISSN 1051-4651, pages 1818–1821. Songhao Zhu, Yuncai Liu.

234. "Collaborative and content-based image labeling", 2008, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 978-1-4244-2174-9, ISSN 1051-4651, pages 854–857. Ning Zhou, William K. Cheung, Xiangyang Xue, Guoping Qiu.

233. "A novel image annotation scheme based on neural network", 2008, ISBN 978-0-7695-3382-7, pages 644–647, doi:10.1109/ISDA.2008.55. Yufeng Zhao, Yao Zhao, Zhenfeng Zhu, Jeng-Shyang Pan.

232. "Semantic matching and annotation of images by self-organizing maps". INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL, volume 5, number 3, MAR 2009, pages 677–688. ISSN 1349-4198. Hsin-Chang Yang, Chung-Hong Lee.

231. "Combining folksonomies and automatic information techniques for lo semantic indexing", 2008, Recent Advances in Computer Engineering, ISBN 978-960-474-020-8, pages 79–84. Doina Ana Cernea, Esther Del Moral, Emilio Labra.

230. "Adaptive model for integrating different types of associated texts for automated annotation of web images", in ADVANCES IN MULTIMEDIA MODELING, PROCEEDINGS, (Edited by B Huet, A Smeaton, K MayerPatel, Y Avirthis), 2009, volume 5371 of Lecture Notes in Computer Science, ISBN 978-3-540-92891-1, ISSN 0302-9743, pages 3–14. Hongtao Xu, Xiangdong Zhou, Lan Lin, Mei Wang, Tat-Seng Chua.

229. "Image annotation with parametric mixture model based multi-class multi-labeling", in 2008 IEEE 10TH WORKSHOP ON MULTIMEDIA SIGNAL PROCESSING, VOLS 1 AND 2, 2008, ISBN 978-1-4244-2294-4, pages 638–643. Zhiyong Wang, Wan-Chi Siu, Dagan Feng.

228. "Semantics sensitive segmentation and annotation of natural images", 2008, ISBN 978-0-7695-3493-0, pages 387–394, doi:10.1109/SITIS.2008.55. Amina Asghar, Naveed Iqbal Rao.

227. "Crossing textual and visual content in different application scenarios". MULTIMEDIA TOOLS AND APPLICATIONS, volume 42, number 1, MAR 2009, pages 31–56. ISSN 1380-7501, doi: 10.1007/s11042-008-0246-8. Julien Ah-Pine, Marco Bressan, Stephane Clinchant, Gabriela Csurka, Yves Hoppenot, Jean-Michel Renders.

226. "Using visual context and region semantics for high-level concept detection". IEEE TRANSACTIONS ON MULTIMEDIA, volume 11, number 2, FEB 2009, pages 229–243. ISSN 1520-9210, doi:10.1109/ TMM.2008.2009681. Phivos Mylonas, Evaggelos Spyrou, Yannis Avrithis, Stefanos Kollias.

225. "Multi-graph similarity reinforcement for image annotation refinement", 2008, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-1764-3, ISSN 1522-4880, pages 997–1000. Jimin Jia, Nenghai Yu, Xiaoguang Rui, Mingjing Li.

224. "Web-scale image annotation", in Advances in Multimedia Information Processing - PCM 2008, 9th Pacific Rim Conference on Multimedia, (Edited by YMR Huang, C Xu, KS Cheng, JFK Yang, MNS Swamy, S Li, JW Ding), 2008, volume 5353 of Lecture Notes in Computer Science, ISBN 978-3-540-89795-8, ISSN 0302-9743, pages 663–674. Jiakai Liu, Rong Hu, Meihong Wang, Yi Wang, Edward Y. Chang.

223. "High-performance image annotation and retrieval for weakly labeled images using latent space learning", 2008, volume 5353 of Lecture Notes in Computer Science, ISBN 978-3-540-89795-8, ISSN 0302-9743, pages 601–610. Hideki Nakayama, Tatsuya Harada, Yasuo Kuniyoshi, Nobuyuki Otsu.

222. "Textonboost for image understanding: Multi-class object recognition and segmentation by jointly modeling texture, layout, and context". INTERNATIONAL JOURNAL OF COMPUTER VISION, volume 81, number 1, JAN 2009, pages 2–23. ISSN 0920-5691, doi:10.1007/s11263-007-0109-1. Jamie Shotton, John Winn, Carsten Rother, Antonio Criminisi. 9th European Conference on Computer Vision (ECCV 2006), Graz, AUSTRIA, MAY 07-13, 2006.

221. "Learning image-text associations". IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, volume 21, number 2, FEB 2009, pages 161–177. ISSN 1041-4347, doi:10.1109/ TKDE.2008.150. Tao Jiang, Ah-Hwee Tan.

220. "Adding virtual links to realize multi-graph fusion", 2008, ISBN 978-1-4244-2570-9, pages 1141–1144. Yanping Zhou, Mingjing Li.

219. "Tagrank - measuring tag importance for image annotation", 2008, ISBN 978-1-4244-2570-9, pages 109–112. Xiao Ling, Jimin Jia, Nenghai Yu, Mingjing Li.

218. "Image annotation with semi-supervised clustering", 2008, ISBN 978-1-4244-1998-2, pages 517–520. Ahmet Sayar, Fatos T. Yannan-Vural.

217. "Image annotation via graph learning". PATTERN RECOGNITION, volume 42, number 2, FEB 2009, pages 218–228. ISSN 0031-3203, doi:10.1016/j.patcog.2008.04.012. Jing Liu, Mingjing Li, Qingshan Liu, Hanqing Lu, Songde Ma.

216. "Multi-modal multi-label semantic indexing of images using unlabeled data", in ALPIT 2008: SEVENTH INTERNATIONAL CONFERENCE ON ADVANCED LANGUAGE PROCESSING AND WEB INFORMATION TECHNOLOGY, PROCEEDINGS, (Edited by M Sun, CY Ock, JY Byun, YD Bi, HF Lin), 2008, ISBN 978-0-7695-3273-8, pages 204–209, doi:10.1109/ALPIT.2008.107. Wei Li, Maosong Sun.

215. "A new baseline for image annotation", 2008, volume 5304 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-88689-1, ISSN 0302-9743, pages 316–329. Ameesh Makadia, Vladimir Pavlovic, Sanjiv Kumar.

214. "Beyond nouns: Exploiting prepositions and comparative adjectives for learning visual classifiers", in COMPUTER VISION - ECCV 2008, PT I, PROCEEDINGS, (Edited by D Forsyth, P Torr, A Zisserman), 2008, volume 5302 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-88681-5, ISSN 0302-9743, pages 16–29. Abhinav Gupta, Larry S. Davis.

213. "Scene discovery by matrix factorization", in COMPUTER VISION - ECCV 2008, PT IV, PROCEEDINGS, (Edited by D Forsyth, P Torr, A Zisserman), 2008, volume 5305 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-88692-1, ISSN 0302-9743, pages 451–464. Nicolas Loeff, Ali Farhadi.

212. "Automatic image annotation using semi-supervised multi-instance multi-label learning algorithm". CHINESE JOURNAL OF ELECTRONICS, volume 17, number 4, OCT 2008, pages 602–606. ISSN 1022-4653. Feng Songhe, Xu De, Lang Congyan, Li Bing.

211. "Image annotation using label propagation algorithm", 2008, ISBN 978-1-4244-2101-5, pages 57–60. Sanparith Marukatat.

210. "A self configuring system for object recognition in color images", 2006, volume 12 of Proceedings of World Academy of Science Engineering and Technology, ISSN 1307-6884, pages 35–40. Michela Lecca.

209. "A study of query by semantic example", 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2339-2, ISSN 1063-6919, pages 727–734. Nikhil Rasiwasia, Nuno Vasconcelos.

208. "Playing games as a way to improve automatic image annotation", in 2008 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS, VOLS 1-3, 2008, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-2339-2, ISSN 1063-6919, pages 719–726. Rui Jesus, Duarte Goncalves, Arnaldo J. Abrantes, Nuno Correia.

207. "The randomized approximating graph algorithm for image annotation refinement problem", 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2339-2, ISSN 1063-6919, pages 711–718. Yohan Jin, Kibum Jin, Latifur Khan, B. Prabhakaran.

206. "Computing iconic summaries of general visual concepts", in 2008 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS, VOLS 1-3, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2339-2, ISSN 1063-6919, pages 69–76. Rahul Raguram, Svetlana Lazebnik.

205. "Deformations, patches, and discriminative models for automatic annotation of medical radiographs". PATTERN RECOGNITION LETTERS, volume 29, number 15, SI, NOV 1 2008, pages 2003–2010. ISSN 0167-8655, doi:10.1016/j.patrec.2008.03.013. Thomas Deselaers, Hermann Ney. Conference on Medical Image Annotation in ImageCLEF 2007, Budapest, HUNGARY, 2007.

204. "Watch, listen & learn: Co-training on captioned images and videos", in MACHINE LEARNING AND KNOWLEDGE DISCOVERY IN DATABASES, PART I, PROCEEDINGS, (Edited by W Daelemans, B Goethals, K Morik), 2008, volume 5211 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 978-3-540-87478-2, ISSN 0302-9743, pages 457–472. Sonal Gupta, JoohYun Kim, Kristen Grauman, Raymond Mooney.

203. "Can social tagging improve web image search?", in WEB INFORMATION SYSTEMS ENGINEERING - WISE 2008, PROCEEDINGS, (Edited by J Bailey, D Maier, KD Schewe, B Thalheim, XS Wang), 2008, volume 5175 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-85480-7, ISSN 0302-9743, pages 235–249. Makoto Kato, Hiroaki Ohshima, Satoshi Oyama, Katsumi Tanaka.

202. "Object image retrieval by exploiting online knowledge resources", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 3698–3705. Gang Wang, David Forsyth.

201. "Keywords to visual categories: Multiple-instance learning for weakly supervised object categorization", 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 2261–2268. Sudheendra Vijayanarasimhan, Kristen Grauman.

200. "Joint multi-label multi-instance learning for image classification", 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 333–340. Zheng-Jun Zha, Xian-Sheng Hua, Tao Mei, Jingdong Wang, Guo-Jun Qi, Zengfu Wang.

199. "Scene classification with low-dimensional semantic spaces and weak supervision", 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 243–248. Nikhil Rasiwasia, Nuno Vasconcelos.

198. "Improve image annotation by combining multiple models", 2008, ISBN 978-0-7695-3122-9, pages 3–9, doi:10.1109/SITIS.2007.29. Peng Huang, Jiajun Bu, Chun Chen, Kangmiao Liu, Guang Qiu.

197. "Annotating images by mining image search results". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1919–1932. ISSN 0162-8828, doi:10.1109/TPAMI.2008.127. Xin-Jing Wang, Lei Zhang, Xirong Li, Wei-Ying Ma.

196. "Localized content-based image retrieval". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1902–1912. ISSN 0162-8828, doi:10.1109/TPAMI.2008.112. Rouhollah Rahmani, Sally A. Goldman, Hui Zhang, Sharath R. Cholleti, Jason E. Fritts.

195. "Multiple descriptions and adaptive delivery of media content over wireless", 2008, ISBN 978-0-7695-3278-3, pages 695–698, doi:10.1109/IIH-MSP.2008.129. Huang Tian-Yun.

194. "Semantic clustering of images using patterns of relevance feedback", 2008, ISBN 978-1-4244-2043-8, pages 307–313. Donn Morrison, Stephane Marchand-Maillet, Eric Bruno.

193. "Scalable search-based image annotation". MULTIMEDIA SYSTEMS, volume 14, number 4, SEP 2008, pages 205–220. ISSN 0942-4962, doi:10.1007/s00530-008-0128-y. Changhu Wang, Feng Jing, Lei Zhang, Hong-Jiang Zhang.

192. "Pseudo relevance feedback for searech-based image annotation". CHINESE JOURNAL OF ELECTRONICS, volume 17, number 3, JUL 2008, pages 471–474. ISSN 1022-4653. Zhao Yufeng, Zhao Yao, Zhu Zhenfeng.

191. "Automatic multilevel medical image annotation and retrieval". JOURNAL OF DIGITAL IMAGING, volume 21, number 3, SEP 2008, pages 290–295. ISSN 0897-1889, doi:10.1007/s10278-007-9070-3. A. Mueen, R. Zainuddin, M. Sapiyan Baba.

190. "Improving automatic image annotation based on word co-occurrence", in ADAPTIVE MULTIMEDIAL RETRIEVAL: RETRIEVAL, USER, AND SEMANTICS, (Edited by N Boujemaa, M Detyniecki, A Nurnberger), 2008, volume 4918 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-79859-0, ISSN 0302-9743, pages 57–70. H. Jair Escalante, Manuel Montes, L. Enrique Sucar.

189. "Imagination: Exploiting link analysis for accurate image annotation", in ADAPTIVE MULTIMEDIAL RETRIEVAL: RETRIEVAL, USER, AND SEMANTICS, (Edited by N Boujemaa, M Detyniecki, A Nurnberger), 2008, volume 4918 of Lecture Notes in Computer Science, ISBN 978-3-540-79859-0, ISSN 0302-9743, pages 32–44. Ilaria Bartolini, Paolo Ciaccia.

188. "Context-sensitive queries for image retrieval in digital libraries". JOURNAL OF INTELLIGENT INFORMATION SYSTEMS, volume 31, number 1, AUG 2008, pages 53–84. ISSN 0925-9902, doi: 10.1007/s10844-007-0040-5. G. Boccignone, A. Chianese, V. Moscato, A. Picariello.

187. "Using local discriminant topic to improve generative model based image annotation", 2008, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-1483-3, ISSN 1520-6149, pages 1217–1220. Mei Wang, Lan Lin, Xiangdong Zhou.

186. "Learning visual compound models from parallel image-text datasets", in PATTERN RECOGNITION, (Edited by G Rigoll), 2008, volume 5096 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-69320-8, ISSN 0302-9743, pages 486–496. Jan Moringen, Sven Wachsmuth, Sven Dickinson, Suzanne Stevenson.

185. "Improve web image retrieval by refining image annotations", 2008, volume 4993 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68633-0, ISSN 0302-9743, pages 430–435. Peng Huang, Jiajun Bu, Chun Chen, Kangmiao Liu, Guang Qiu.

184. "Image annotation with relevance feedback using a semi-supervised and hierarchical approach", 2008, ISBN 978-989-8111-21-0, pages 173–178. Cheng-Chieh Chiang, Ming-Wei Hung, Yi-Ping Hung, Wee Kheng Leow.

183. "Knowledge propagation in content-based image retrieval", 2007, ISBN 978-1-4244-0982-2, pages 1573–1577. Kui Wu, Kim-Hui Yap.

182. "Using semantic distance in a content-based heterogeneous information retrieval system", in MINING COMPLEX DATA, (Edited by ZW Ras, S Tsumoto, D Zighed), 2008, volume 4944 of Lecture Notes in Computer Science, ISBN 978-3-540-68415-2, ISSN 0302-9743, pages 224–237. Ahmad El Sayed, Hakim Hacid, Djamel Zighed.

181. "A discriminative kernel-based model to rank images from text queries". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 8, AUG 2008, pages 1371–1384. ISSN 0162-8828, doi:10.1109/TPAMI.2007.70791. David Grangier, Samy Bengio.

180. "Image retrieval: Ideas, influences, and trends of the new age". ACM COMPUTING SURVEYS, volume 40, number 2. ISSN 0360-0300, doi:10.1145/1348246.1348248. Ritendra Datta, Dhiraj Joshi, Jia Li, James Z. Wang.

179. "A new model for image annotation", in ADVANCES IN KNOWLEDGE DISCOVERY AND DATA MINING, PROCEEDINGS, (Edited by T Washio, E Suzuki, KM Ting, A Inokuchi), 2008, volume 5012 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 978-3-540-68124-3, ISSN 0302-9743, pages 958–963. Sanparith Marukatat.

178. "Concept annotation and search space decrement of digital photos using optical context information - art. no. 68200h", 2008, volume 6820 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6992-2, ISSN 0277-786X, page H8200, doi:10.1117/12.767268. Pinaki Sinha, Ramesh Jain.

177. "A novel approach to personal photo album representation and management - art. no. 682007", in MULTIMEDIA CONTENT ACCESS: ALGORITHMS AND SYSTEMS II, (Edited by T Gevers, RC Jain, S Santini), 2008, volume 6820 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6992-2, ISSN 0277-786X, page 82007, doi:10.1117/12.766803. Edoardo Ardizzone, Marco La Caskia, Filippo Vella.

176. "Giving order to image queries - art. no. 682005", 2008, volume 6820 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6992-2, ISSN 0277-786X, page 82005, doi:10.1117/12.767182. Jonathon S. Hare, Patrick A. S. Sinclair, Paul H. Lewis, Kirk Martinez.

175. "Real-time image annotation by manifold-based biased fisher discriminant analysis - art. no. 682226", 2008, volume 6822 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6994-6, ISSN 0277-786X, page 82226, doi: 10.1117/12.767024. Rongrong Ji, Hongxun Yao, Jicheng Wang, Xiaoshuai Sun, Xianming Liu.

174. "Exploring the relationships of regions for visual content understanding - art. no. 68220g", in VISUAL COMMUNICATIONS AND IMAGE PROCESSING 2008, PTS 1 AND 2, (Edited by WA Pearlman, JW Woods, L Lu), 2008, volume 6822 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6994-6, ISSN 0277-786X, page G8220, doi:10.1117/12.766068. Ting Liu, Weiqiang Wang, Yonghong Tian, Tiejun Huang.

173. "Learning the taxonomy and models of categories present in arbitrary images", 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 1649–1656. Narendra Ahuja, Sinisa Todorovic.

172. "Learning the taxonomy and models of categories present in arbitrary images", 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 1641–1648. Narendra Ahuja, Sinisa Todorovic.

171. "Learning structured appearance models from captioned images of cluttered scenes", 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 385–392. Michael Jamieson, Afsaneh Fazly, Sven Dickinson, Suzanne Stevenson, Sven Wachsmuth.

170. "Scene summarization for online image collections", in 2007 IEEE 11TH INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1-6, 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 274–281. Ian Simon, Noah Snavely, Steven M. Seitz.

169. "Automatic video annotation using multimodal dirichlet process mixture model", 2008, IEEE International Conference on Networking, Sensing and Control, ISBN 978-1-4244-1685-1, ISSN 1810-7869, pages 1366–1371. Atulya Velivelli, Thomas S. Huang.

168. "Semantic relationships in multi-modal graphs for automatic image annotation", in ADVANCES IN INFORMATION RETRIEVAL, (Edited by C Macdonald, I Ounis, V Plachouras, I Ruthven, RW White), 2008, volume 4956 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-78645-0, ISSN 0302-9743, pages 490–497. Vassilios Stathopoulos, Jana Urban, Joemon Jose.

167. "Finding important people in large news video databases using multimodal and clustering analysis", 2007, IEEE International Conference on Data Engineering Workshop, ISBN 978-1-4244-0831-3, ISSN 1943-2895, pages 127–136, doi:10.1109/ICDEW.2007.4400982. Duy-Dinh Le, Shin'ichi Satoh, Michael E. Houle, Dat Phuoc Tat Nguyen.

166. "Journalist robot: Robot system making news articles from real world", in 2007 IEEE/RSJ INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS, VOLS 1-9, 2007, ISBN 978-1-4244-0911-2, pages 1240–1247. Rie Matsumoto, Hideki Nakayama, Tatsuya Harada, Yasuo Kuniyoshi.

165. "Automatic region-based image annotation using an improved multiple-instance learning algorithm". CHINESE JOURNAL OF ELECTRONICS, volume 17, number 1, JAN 2008, pages 43–47. ISSN 1022-4653. Feng Songhe, Xu De, Li Bing.

164. "Management and processing of personalized annotations in image retrieval systems", 2008, volume 93 of STUDIES IN COMPUTATIONAL INTELLIGENCE, ISBN 978-3-540-76359-8, ISSN 1860-949X, pages 137–155. Johanna Vompras, Stefan Conrad.

163. "Learning to recognize objects with little supervision". INTERNATIONAL JOURNAL OF COMPUTER VISION, volume 77, number 1-3, MAY 2008, pages 219–237. ISSN 0920-5691, doi: 10.1007/s11263-007-0067-7. Peter Carbonetto, Gyuri Dorko, Cordelia Schmid, Hendrik Kuck, Nando de Freitas.

162. "A graph-based image annotation framework". PATTERN RECOGNITION LETTERS, volume 29, number 4, MAR 1 2008, pages 407–415. ISSN 0167-8655, doi:10.1016/j.patrec.2007.10.018. Jing Liu, Bin Wang, Hanqing Lu, Songde Ma.

161. "Propagating image-level part statistics to enhance object detection", 2007, IEEE International Conference on Image Processing ICIP, ISBN 978-1-4244-1436-9, ISSN 1522-4880, pages 2977–2980. Sheng Gao, Joo-Hwee Lim, Qibin Sun.

160. "Boosting of maximal figure of merit classifiers for automatic image annotation", in 2007 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1-7, 2007, IEEE International Conference on Image Processing ICIP, ISBN 978-1-4244-1436-9, ISSN 1522-4880, pages 781–784. Filippo Vella, Chin-Hui Lee, Salvatore Gaglio.

159. "On the scalability and adaptability for multimodal retrieval and annotation", in 14TH INTERNATIONAL CONFERENCE ON IMAGE ANALYSIS AND PROCESSING WORKSHOPS, PROCEEDINGS, 2007, ISBN 978-0-7695-2921-9, pages 39–44, doi:10.1109/ICIAPW.2007.35. Z. Zhang, Z. Guo, C. Faloutsos, E. P. Xing, J. Y. Pan.

158. "Understanding visual-auditory correlation from heterogeneous features for cross-media retrieval". JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A, volume 9, number 2, FEB 2008, pages 241–249. ISSN 1673-565X, doi:10.1631/jzus.A071191. Hong Zhang, Yan-yun Wang, Hong Pan, Fei Wu.

157. "Semantic interactive image retrieval combining visual and conceptual content description". MULTIMEDIA SYSTEMS, volume 13, number 5-6, FEB 2008, pages 309–322. ISSN 0942-4962, doi: 10.1007/s00530-007-0094-9. Marin Ferecatu, Nozha Boujemaa, Michel Crucianu.

156. "Hidden maximum entropy approach for visual concept modeling", in 2007 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-5, 2007, ISBN 978-1-4244-1016-3, pages 1387–1390. Sheng Gao, Joo-Hwee Lim, Qibin Sun.

155. "Image annotation in a progressive way", 2007, ISBN 978-1-4244-1016-3, pages 811–814. Bin Wang, Zhiwei Li, Nenghai Yu, Mingjing Li.

154. "Image annotation refinement using nsc-based word correlation", 2007, ISBN 978-1-4244-1016-3, pages 799–802. Jing Liu, Mingjing Li, Qingshan Liu, Hanqing Lu, Songde Ma.

153. "A search-based web image annotation method", 2007, ISBN 978-1-4244-1016-3, pages 655–658. Xiaoguang Rui, Nenghai Yu, Taifeng Wang, Mingjing Li.

152. "A max margin framework on image annotation and multimodal image retrieval", in 2007 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-5, 2007, ISBN 978-1-4244-1016-3, pages 504–507. Zhen Guo, Zhongfei (Mark) Zhang, Eric P. Xing, Christos Faloutsos.

151. "Semantic sensitive region retrieval using keyword-integrated bayesian reasoning". INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL, volume 3, number 6B, DEC 2007, pages 1645–1656. ISSN 1349-4198. Rongrong Ji, Xianbo Lang, Hongxun Yao, Zhen Zhang.

150. "Generic multimedia database architecture based upon semantic libraries". INFORMATICA, volume 18, number 4, 2007, pages 483–510. ISSN 0868-4952. Omara Abdul Hamid, Muhanimad Abdul Qadir, Nadeem Iftikhar, Mohib Ur Rehman, Mobin Uddin Ahmed, Mran Ihsan.

149. "Collaterally cued labelling framework underpinning semantic-level visual content descriptor", in ADVANCES IN VISUAL INFORMATION SYSTEMS, (Edited by GP Qiu, C Leung, XY Xue, R Laurini), 2007, volume 4781 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-76413-7, ISSN 0302-9743, pages 379–390. Meng Zhu, Atta Badii.

148. "Empirical investigations on benchmark tasks for automatic image annotation", 2007, volume 4781 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-76413-7, ISSN 0302-9743, pages 93–104. Ville Viitaniemi, Jorma Laaksonen.

147. "Face annotation using transductive kernel fisher discriminant". IEEE TRANSACTIONS ON MULTIMEDIA, volume 10, number 1, JAN 2008, pages 86–96. ISSN 1520-9210, doi:10.1109/TMM. 2007.911245. Jianke Zhu, Steven C. H. Hoi, Michael R. Lyu.

146. "Deriving a priori co-occurrence probability estimates for object recognition from social networks and text processing", in ADVANCES IN VISUAL COMPUTING, PROCEEDINGS, PT 2, (Edited by G Bebis, R Boyle, B Parvin, D Koracin, N Paragios, SM Tanveer, T Ju, Z Liu, S Coquillart, C CruzNeira, T Muller, T Malzbender), 2007, volume 4842 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-76855-5, ISSN 0302-9743, pages 509–518. Guillaume Pitel, Christophe Millet, Gregory Grefenstette.

145. "Using visual dictionary to associate semantic objects in region-based image retrieval", in IMAGE ANALYSIS AND RECOGNITION, PROCEEDINGS, (Edited by M Kamel, A Campilho), 2007, volume 4633 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-74258-6, ISSN 0302-9743, pages 615–625. Rongrong Ji, Hongxun Yao, Zhen Zhang, Peifei Xu, Jicheng Wang.

144. "Mining the web for appearance description", in <u>Database and Expert Systems Applications, Proceedings,</u> (Edited by R Wagner, N Revell, G Pernul), 2007, volume 4653 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-74467-2, ISSN 0302-9743, pages 790–800. Shun Hattori, Taro Tezuka, Katsumi Tanaka.

143. "Visual image retrieval". <u>ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY,</u> volume 42, 2008, pages 3–42. ISSN 0066-4200. Peter G. B. Enser.

142. "Automatic image annotation by ensemble of visual descriptors", in <u>2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8,</u> 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 3620–3627. Emre Akbas, Fatos T. Yarman Vural.

141. "Multi-modal clustering for multimedia collections", in <u>2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8,</u> 2007, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 1938–1945. Ron Bekkerman, Jiwoon Jeon.

140. "Content-based image annotation refinement", 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 1922–1929. Changhu Wang, Feng Jing, Lei Zhang, Hong-Jiang Zhang.

139. "Probabilistic reverse annotation for large scale image retrieval", 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 1523–1528. Pramod K. Sankar, C. V. Jawahar.

138. "Information fusion techniques for automatic image annotation", in <u>VISAPP 2007: Proceedings of the Second International Conference on Computer Vision Theory and Applications, Volume IU/MTSV,</u> (Edited by AK Ranchordas, H Araujo, J Vitria), 2007, ISBN 978-972-8865-74-0, pages 60–67. Filippo Vella, Chin-Hui Lee.

137. "An image based feature space and mapping for linking regions and words", 2007, ISBN 978-972-8865-74-0, pages 29–35. Jiayu Tang, Paul H. Lewis.

136. "Integrating image data into biomedical text categorization". <u>BIOINFORMATICS,</u> volume 22, number 14, JUL 2006, pages E446–E453. ISSN 1367-4803, doi:10.1093/bioinformatics/btl235. Hagit Shatkay, Nawei Chen, Dorothea Blostein. 14th Conference on Intelligent Systems for Molecular Biology, Fortaleza, BRAZIL, AUG 06-10, 2006.

135. "S-iras: An interactive semantic image retrieval and annotation system". <u>INTERNATIONAL JOURNAL ON SEMANTIC WEB AND INFORMATION SYSTEMS,</u> volume 2, number 3, JUL-SEP 2006, pages 37–54. ISSN 1552-6283, doi:10.4018/jswis.2006070103. Changbo Yang, Ming Dong, Farshad Fotouhi.

134. "Semantic-associative visual content labelling and retrieval: A multimodal approach". <u>SIGNAL PROCESSING-IMAGE COMMUNICATION,</u> volume 22, number 6, JUL 2007, pages 569–582. ISSN 0923-5965, doi:10.1016/j.image.2007.05.011. Meng Zhu, Atta Badii.

133. "Evaluating the performance in automatic image annotation: Example case by adaptive fusion of global image features". <u>SIGNAL PROCESSING-IMAGE COMMUNICATION,</u> volume 22, number 6, JUL 2007, pages 557–568. ISSN 0923-5965, doi:10.1016/j.image.2007.05.003. Ville Viitaniemi, Jorma Laaksonen.

132. "Modeling semantic aspects for cross-media image indexing". <u>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE,</u> volume 29, number 10, OCT 2007, pages 1802–1817. ISSN 0162-8828, doi:10.1109/TPAMI.2007.1097. Florent Monay, Daniel Gatica-Perez.

131. "Evaluating performance of automatic image annotation: Example case by fusing global image features", in 2007 International Workshop on Content-Based Multimedia Indexing, Proceedings, 2007, ISBN 978-1-4244-1010-1, pages 251–258, doi:10.1109/CBMI.2007.385419. Ville Viitaniemi, Jorma Laaksonen.

130. "Multimodal semantic-associative collateral labelling and indexing of still images", in 2007 International Workshop on Content-Based Multimedia Indexing, Proceedings, 2007, ISBN 978-1-4244-1010-1, pages 173–180, doi:10.1109/CBMI.2007.385408. Meng Zhu, Atta Badii.

129. "Automatic image annotation based on visual cognitive theory", 2007, ISBN 978-1-4244-1213-6, pages 239–244, doi:10.1109/NAFIPS.2007.383844. Yusuke Kamoi, Yosuke Furukawa, Tatsuya Sato, Yuya Kiwada, Tomohiro Takagi.

128. "Bridging the gap: Query by semantic example". IEEE TRANSACTIONS ON MULTIMEDIA, volume 9, number 5, AUG 2007, pages 923–938. ISSN 1520-9210, doi:10.1109/TMM.2007.900138. Nikhil Rasiwasia, Pedro J. Moreno, Nuno Vasconcelos.

127. "From pixels to semantic spaces: Advances in content-based image retrieval". COMPUTER, volume 40, number 7, JUL 2007, pages 20+. ISSN 0018-9162, doi:10.1109/MC.2007.239. Nuno Vasconcelos.

126. "A framework for automated image annotation". COMPUTER SYSTEMS SCIENCE AND ENGINEERING, volume 22, number 1-2, JAN-MAR 2007, pages 15–24. ISSN 0267-6192. L. Wang, L. Khan, B. Thuraisingham.

125. "Generic multimedia database architecture: Towards high-level semantic retrieval", 2006, ISBN 978-0-9753393-5-0, pages 371–378. Omara Abdul Hamid, Muhammad Abdul Qadir, Mohib ur Rehman, Nadeem Iftikhar, Mobin Uddin Ahmed, Imran Ihsan.

124. "Efficient re-indexing of automatically annotated image collections using keyword combination - art. no. 650608", 2007, volume 6506 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6619-8, ISSN 0277-786X, page 50608, doi:10.1117/12.702913. Alexei Yavlinsky, Stefan Ruger.

123. "Semantic feature selection for object discovery in high-resolution remote sensing imagery", in Advances in Knowledge Discovery and Data Mining, Proceedings, (Edited by ZH Zhou, H Li, Q Yang), 2007, volume 4426 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-71700-3, ISSN 0302-9743, pages 71–83. Dihua Guo, Hui Xiong, Vijay Atluri, Nabil Adam.

122. "Learning to retrieve images from text queries with a discriminative model", in Adaptive Multimedia Retrieval: User, Context, and Feedback, (Edited by S MarchandMaillet, E Bruno, A Nurnberger, M Detyniecki), 2007, volume 4398 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-71544-3, ISSN 0302-9743, pages 42–56. David Grangier, Florent Monay, Samy Bengio.

121. "Image retrieval based on visual information concepts and automatic image annotation", 2007, ISBN 978-981-270-063-6, pages 79–91, doi:10.1142/9789812772671_0007. Quoc Ngoc Ly, Anh Duc Duong, Thach Thao Duong, Duc Thanh Ngo.

120. "Region based image annotation", 2006, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-0481-0, ISSN 1522-4880, pages 953–956, doi:10.1109/ICIP.2006.312633. Hichem Frigui, Joshua Caudill.

119. "Automatic image annotation through multi-topic text categorization", in 2006 IEEE International Conference on Acoustics, Speech and Signal Processing, Vols 1-13, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-0468-1, ISSN 1520-6149, pages 1625–1628. Sheng Gao, De-Hong Wang, Chin-Hui Lee.

118. "Source adaptation for improved content based video retrieval", 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-0468-1, ISSN 1520-6149, pages 1381–1384. Arnab Ghogshal, Sanjeev Khudanpur.

117. "Using regional information in language model based automatic concept annotation and retrieval of video", in 2006 IEEE International Conference on Acoustics, Speech and Signal Processing, Vols 1-13, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-0468-1, ISSN 1520-6149, pages 1377–1380. Dietrich Klakow.

116. "Image auto-annotation using a statistical model with salient regions", in 2006 IEEE International Conference on Multimedia and Expo - ICME 2006, Vols 1-5, Proceedings, 2006, ISBN 978-1-4244-0366-0, pages 525–528, doi:10.1109/ICME.2006.262441. Jiayu Tang, Jonathon S. Hare, Paul H. Lewis.

115. "Object recognition and auto-annotation in news videos", in 2006 IEEE 14th Signal Processing and Communications Applications, Vols 1 and 2, 2006, ISBN 978-1-4244-0238-0, pages 25–28. Muhammet Bastan, Panar Duygulu.

114. "A study of quality issues for image auto-annotation with the corel dataset". IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, volume 17, number 3, MAR 2007, pages 384–389. ISSN 1051-8215, doi:10.1109/TCSVT.2006.888941. Jiayu Tang, Paul H. Lewis.

113. "Automatic image annotation through multi-topic text categorization", in 2006 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol II, Proceedings: IMAGE AND MULTIDIMENSIONAL SIGNAL PROCESSING, SIGNAL PROCESSING EDUCATION, BIOIMAGING AND SIGNAL PROCESSING, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISSN 1520-6149, pages 377A+. Sheng Gao, De-Hong Wang, Chin-Hui Lee.

112. "Source adaptation for improved content-based video retrieval", 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISSN 1520-6149, pages 133A+. Arnab Ghoshal, Sanjeev Khudanpur.

111. "Using regional information in language model based automatic concept annotation and retrieval of video", in 2006 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol II, Proceedings: IMAGE AND MULTIDIMENSIONAL SIGNAL PROCESSING, SIGNAL PROCESSING EDUCATION, BIOIMAGING AND SIGNAL PROCESSING, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISSN 1520-6149, pages 129A+. Dietrich Klakow.

110. "Enabling search over large collections of telugu document images - an automatic annotation based approach", 2006, volume 4338 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68301-8, ISSN 0302-9743, pages 837–848. Pramod Sankar K, C. V. Jawahar.

109. "Neighborhood graphs for semi-automatic annotation of large image databases", 2007, volume 4351 of Lecture Notes in Computer Science, ISBN 978-3-540-69421-2, ISSN 0302-9743, pages 586–595. Hakim Hacid.

108. "Automatic refinement of keyword annotations for web image search", 2007, volume 4351 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-69421-2, ISSN 0302-9743, pages 259–268. Bin Wang, Zhiwei Li, Mingjing Li.

107. "Fusion of region and image-based techniques for automatic image annotation", 2007, volume 4351 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-69421-2, ISSN 0302-9743, pages 247–258. Yang Xiao, Tat-Seng Chua, Chin-Hui Lee.

106. "A semi-supervised learning approach to object recognition with spatial integration of local features and segmentation cues", 2006, volume 4170 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68794-8, ISSN 0302-9743, pages 277–300. Peter Carbonetto, Gyuri Dorko, Cordelia Schmid, Hendrik Kuck, Nando de Freitas.

105. "Translating images to words for recognizing objects in large image and video collections", in <u>Toward Category-Level Object Recognition</u>, (Edited by J Ponce, M Hebert, C Schmid, A Zisserman), 2006, volume 4170 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68794-8, ISSN 0302-9743, pages 258–276. Pinar Duygulu, Muhammet Bastan, David Forsyth.

104. "Cross modal disambiguation", in <u>Toward Category-Level Object Recognition</u>, (Edited by J Ponce, M Hebert, C Schmid, A Zisserman), 2006, volume 4170 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68794-8, ISSN 0302-9743, pages 238–257. Kobus Barnard, Keiji Yanai, Matthew Johnson, Prasad Gabbur.

103. "Building a user-centered semantic hierarchy in image databases". <u>MULTIMEDIA SYSTEMS</u>, volume 12, number 4-5, MAR 2007, pages 325–338. ISSN 0942-4962, doi:10.1007/s00530-006-0049-6. Manjeet Rege, Ming Dong, Farshad Fotouhi.

102. "Unsupervised image segmentation and annotation for content-based image retrieval", in <u>2006 IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS, VOLS 1-5</u>, 2006, IEEE International Conference on Fuzzy Systems, ISBN 978-0-7803-9488-9, ISSN 1098-7584, pages 72–77, doi:10.1109/FUZZY.2006.1681697. Hichem Frigui, Joshua Caudill.

101. "Semantic modeling of natural scenes for content-based image retrieval". <u>INTERNATIONAL JOURNAL OF COMPUTER VISION</u>, volume 72, number 2, APR 2007, pages 133–157. ISSN 0920-5691, doi:10.1007/s11263-006-8614-1. Julia Vogel, Bernt Schiele.

100. "Effective image retrieval based on hidden concept discovery in image database". <u>IEEE TRANSACTIONS ON IMAGE PROCESSING</u>, volume 16, number 2, FEB 2007, pages 562–572. ISSN 1057-7149, doi:10.1109/TIP.2006.888350. Ruofei Zhang, Zhongfei (Mark) Zhang.

99. "Supervised learning of semantic classes for image annotation and retrieval". <u>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE</u>, volume 29, number 3, MAR 2007, pages 394–410. ISSN 0162-8828, doi:10.1109/TPAMI.2007.61. Gustavo Carneiro, Antoni B. Chan, Pedro J. Moreno, Nuno Vasconcelos.

98. "Image annotations based on semi-supervised clustering with semantic soft constraints", 2006, volume 4261 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-48766-2, ISSN 0302-9743, pages 624–632. Rui Xiaoguang, Yuan Pingbo, Yu Nenghai.

97. "Improving the image retrieval results via topic coverage graph", 2006, volume 4261 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-48766-2, ISSN 0302-9743, pages 193–200. Kai Song, Yonghong Tian, Tiejun Huang.

96. "Assigning textual names to sets of geographic coordinates". <u>COMPUTERS ENVIRONMENT AND URBAN SYSTEMS</u>, volume 30, number 4, JUL 2006, pages 418–435. ISSN 0198-9715, doi:10.1016/j.conpenvurbsys.2006.02.001. Mor Naaman, Yee Jiun Song, Andreas Paepcke, Hector Garcia-Molina. Workshop on Geographic Information Retrieval, Sheffield, ENGLAND, JUL 25-29, 2004.

95. "Integrating textual and visual information for cross-language image retrieval: A trans-media dictionary approach". <u>INFORMATION PROCESSING & MANAGEMENT</u>, volume 43, number 2, MAR 2007, pages 488–502. ISSN 0306-4573, doi:10.1016/j.ipm.2006.07.015. Wen-Cheng Lin, Yih-Chen Chang, Hsin-Hsi Chen. Asia Information Retrieval Symposium (AIRS 2004), Beijing, PEOPLES R CHINA, OCT 18-20, 2004.

94. "A discriminative approach for the retrieval of images from text queries", in <u>MACHINE LEARNING: ECML 2006, PROCEEDINGS</u>, (Edited by J Furnkranz, T Scheffer, M Spiliopoulou), 2006, volume 4212 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-45375-X, ISSN 0302-9743, pages 162–173. David Grangier, Florent Monay, Samy Bengio.

93. "Using example-based machine translation method for automatic image annotation", 2006, ISBN 1-4244-0331-6, pages 9809–9812. Linsen Yu, Yongmei Liu, Tianwen Zhang.

92. "Incorporating prior knowledge into multi-label boosting for cross-modal image annotation and retrieval", in INFORMATION RETRIEVAL TECHNOLOLGY, PROCEEDINGS, (Edited by HT Ng, MK Leong, MY Kan, D Ji), 2006, volume 4182 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-45780-1, ISSN 0302-9743, pages 404–415. Wei Li, Maosong Sun.

91. "New collaborative tools", 2006, ISBN 0-7695-2563-6, pages 120–125, doi:10.1109/C5.2006.26. Ruzena Bajcsy, Sang-Hack Yung, Orion Elenzil, Bradford Wilson, Rick McGeer, Klara Nahrstedts, Christine Strothotte.

90. "A neural network to retrieve images from text queries", 2006, volume 4132 of Lecture Notes in Computer Science, ISBN 3-540-38871-0, ISSN 0302-9743, pages 24–34. David Grangier, Samy Bengio.

89. "Discovering recurrent image semantics from class discrimination". EURASIP JOURNAL ON APPLIED SIGNAL PROCESSING, , number SI. ISSN 1110-8657, doi:10.1155/ASP/2006/76093. Joo-Hwee Lim, Jesse S. Jin.

88. "Semantic identification: Balancing between complexity and validity". EURASIP JOURNAL ON APPLIED SIGNAL PROCESSING, , number SI. ISSN 1110-8657, doi:10.1155/ASP/2006/41716. M. Falelakis, C. Diou, A. Delopoulos.

87. "A clustered retrieval approach for categorizing and annotating images", 2006, volume 4022 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-45697-X, ISSN 0302-9743, pages 662–672. Lisa Ballesteros, Desislava Petkova.

86. "A corpus-based relevance feedback approach to cross-language image retrieval", 2006, volume 4022 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-45697-X, ISSN 0302-9743, pages 592–601. Yih-Chen Chang, Wen-Cheng Lin, Hsin-Hsi Chen.

85. "Building a multi-modal thesaurus from annotated images", in 18TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, VOL 4, PROCEEDINGS, (Edited by YY Tang, SP Wang, G Lorette, DS Yeung, H Yan), 2006, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 0-7695-2521-0, ISSN 1051-4651, pages 198–201. Hichem Frigui, Joshua Caudill.

84. "Collaborative image retrieval via regularized metric learning". MULTIMEDIA SYSTEMS, volume 12, number 1, AUG 2006, pages 34–44. ISSN 0942-4962, doi:10.1007/s00530-006-0033-1. Luo Si, Rong Jin, Steven C. H. Hoi, Michael R. Lyu.

83. "A probabilistic semantic model for image annotation and multi-modal image retrieval". MULTIMEDIA SYSTEMS, volume 12, number 1, AUG 2006, pages 27–33. ISSN 0942-4962, doi: 10.1007/s00530-006-0025-1. Ruofei Zhang, Zhongfei (Mark) Zhang, Mingjing Li, Wei-Ying Ma, Hong-Jiang Zhang.

82. "Semi-supervised learning for image annotation based on conditional random fields", in IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS, (Edited by H Sundaram, M Naphade, JR Smith, Y Rui), 2006, volume 4071 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-36018-2, ISSN 0302-9743, pages 463–472. Wei Li, Maosong Sun.

81. "Recognizing objects and scenes in news videos", in IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS, (Edited by H Sundaram, M Naphade, JR Smith, Y Rui), 2006, volume 4071 of Lecture Notes in Computer Science, ISBN 3-540-36018-2, ISSN 0302-9743, pages 380–390. Muhammet Bastan, Pnar Duygulu.

80. "Logistic regression of generic codebooks for semantic image retrieval", 2006, volume 4071 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-36018-2, ISSN 0302-9743, pages 41–50. Joao Magalhaes, Stefan Ruger.

79. "A linear-algebraic technique with an application in semantic image retrieval", 2006, volume 4071 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-36018-2, ISSN 0302-9743, pages 31–40. Jonathon S. Hare, Paul H. Lewis, Peter G. B. Enser, Christine J. Sandom.

78. "Content browsing and semantic context viewing through jpeg 2000-based scalable video summary". <u>IEE PROCEEDINGS-VISION IMAGE AND SIGNAL PROCESSING</u>, volume 153, number 3, JUN 2006, pages 274–283. ISSN 1350-245X, doi:10.1049/ip-vis:20050066. J. Meessen, L. Q. Xu, B. Macq.

77. "Automatic image annotation and retrieval using weighted feature selection". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 29, number 1, APR 2006, pages 55–71. ISSN 1380-7501, doi:10.1007/s11042-006-7813-7. Lei Wang, Latifur Khan. International Workshop on Multimedia and Web Design, Miami, FL, DEC 13, 2004.

76. "A usage study of retrieval modalities for video shot retrieval". <u>INFORMATION PROCESSING & MANAGEMENT</u>, volume 42, number 5, SEP 2006, pages 1330–1344. ISSN 0306-4573, doi:10.1016/j.ipm.2005.11.003. AF Smeaton, P Browne.

75. "An approach for cross-media retrieval with cross-reference graph and pagerank", 2006, ISBN 1-4244-0028-7, pages 161–168. Yueting Zhuang, Hanhuai Shan, Fei Wu.

74. "Semantic image retrieval and auto-annotation by converting keyword space to image space", 2006, ISBN 1-4244-0028-7, pages 153–160. Erbug Celebi, Adil Alpkocak.

73. "Building models of animals from video". <u>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE</u>, volume 28, number 8, AUG 2006, pages 1319–1334. ISSN 0162-8828, doi:10.1109/TPAMI.2006.155. D Ramanan, DA Forsyth, K Barnard.

72. "Constructing visual models with a latent space approach", 2006, volume 3940 of Lecture Notes in Computer Science, ISBN 3-540-34137-4, ISSN 0302-9743, pages 115–126. Florent Monay, Pedro Quelhas, Daniel Gatica-Perez, Jean-Marc Odobez.

71. "Use of figures in literature mining for biomedical digital libraries", 2006, ISBN 0-7695-2531-8, pages 180–197. Nawei Chen, Hagit Shatkay, Dorothea Blostein.

70. "Textonboost: Joint appearance, shape and context modeling for multi-class object recognition and segmentation", 2006, volume 3951 of Lecture Notes in Computer Science, ISBN 3-540-33832-2, ISSN 0302-9743, pages 1–15. Jamie Shotton, John Winn, Carsten Rother, Antonio Criminisi.

69. "Learning an image lexicon", 2006, ISBN 1-4244-0168-2, pages 302–306, doi:10.1109/second.2006.1629368. Atiq U. Islam, Khan M. Iftekharuddin, Salem M. Salem.

68. "Mind the gap: Another look at the problem of the semantic gap in image retrieval", in <u>MULTIMEDIA CONTENT ANALYSIS, MANAGEMENT, AND RETRIEVAL 2006</u>, (Edited by EY Chang, A Hanjalic, N Sebe), 2006, volume 6073 of Proceedings of SPIE, ISBN 0-8194-6113-X, ISSN 0277-786X, doi:10.1117/12.647755. JS Hare, PH Lewis, PGB Enser, CJ Sandom.

67. "Image classifiers for scene analysis", 2006, volume 32 of COMPUTATIONAL IMAGING AND VISION, ISBN 1-4020-4178-0, pages 39–44. B Le Saux, G Amato.

66. "Ontological inference for image and video analysis". <u>MACHINE VISION AND APPLICATIONS</u>, volume 17, number 2, MAY 2006, pages 94–115. ISSN 0932-8092, doi:10.1007/s00138-006-0017-3. C Town.

65. "Putting the user in the loop: Visual resource discovery", 2006, volume 3877 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-32174-8, ISSN 0302-9743, pages 1–18. S Ruger.

64. "Automatic image annotation based on wordnet and hierarchical ensembles", in <u>COMPUTATIONAL LINGUISTICS AND INTELLIGENT TEXT PROCESSING</u>, (Edited by A Gelbukh), 2006, volume 3878 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-32205-1, ISSN 0302-9743, pages 417–428. W Li, M Sun.

63. "Image content annotation using bayesian framework and complement components analysis", 2005, IEEE International Conference on Image Processing (ICIP), ISBN 0-7803-9134-9, ISSN 1522-4880, pages 641–644. CB Yang, M Dong, F Fotouhi.

62. "Vivo: Visual vocabulary construction for mining biomedical images", 2005, ISBN 0-7695-2278-5, pages 50–57, doi:10.1109/ICDM.2005.151. A Bhattacharya, V Ljosa, JY Pan, MR Verardo, HJ Yang, C Faloutsos, AK Singh.

61. "Vision, knowledge, and the mystery link". <u>NOUS</u>, , number S, 2005, pages 309–351. ISSN 0029-4624. JL Pollock, I Oved.

60. "I(2)a: An interactive image annotation system", 2005, ISBN 0-7803-9331-7, pages 949–952. C Yang, M Dong, F Fotouhi.

59. "Xml path based relevance model for automatic image annotation", 2005, ISBN 0-7803-9331-7, pages 165–168, doi:10.1109/ICME.2005.1521386. M Rege, M Dong, F Fotouhi.

58. "Context-based segmentation of image sequences". <u>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE</u>, volume 28, number 3, MAR 2006, pages 463–468. ISSN 0162-8828, doi:10.1109/TPAMI.2006.47. J Goldberger, H Greenspan.

57. "Orf-nt: An object-based image retrieval framework using neighborhood trees", 2005, volume 3733 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-29414-7, ISSN 0302-9743, pages 595–605. M Uysal, F Yarman-Vural.

56. "A stratification-based approach to accurate and fast image annotation", 2005, volume 3739 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-29227-6, ISSN 0302-9743, pages 284–296. JY Ye, XD Zhou, J Pei, L Chen, L Zhang.

55. "Integrating textual and visual information for cross-language image retrieval", 2005, volume 3689 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-29186-5, ISSN 0302-9743, pages 454–466. WC Lin, YC Chang, HH Chen.

54. "Automatic image annotation using maximum entropy model", in <u>NATURAL LANGUAGE PROCESSING - IJCNLP 2005, PROCEEDINGS</u>, (Edited by R Dale, KF Wong, J Su, OY Kwong), 2005, volume 3651 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 3-540-29172-5, ISSN 0302-9743, pages 34–45. W Li, MS Sun.

53. "Object categorization by learned universal visual dictionary", 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 1800–1807. J Winn, A Criminisi, T Minka.

52. "A generative/discriminative learning algorithm for image classification", 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 1605–1612. Y Li, LG Shapiro, JA Bilmes.

51. "A probabilistic semantic model for image annotation and multi-modal image retrieval", in <u>TENTH IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1 AND 2, PROCEEDINGS</u>, 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 846–851. RF Zhang, ZF Zhang, MJ Li, WY Ma, HJ Zhang.

50. "Improving image annotations using wordnet", in <u>ADVANCES IN MULTIMEDIA INFORMATION SYSTEMS, PROCEEDINGS</u>, (Edited by K Selcuk, A Celentano), 2005, volume 3665 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-28792-2, ISSN 0302-9743, pages 115–130. YH Jin, L Wang, L Khan.

49. "Word sense disambiguation with pictures". <u>ARTIFICIAL INTELLIGENCE</u>, volume 167, number 1-2, SEP 2005, pages 13–30. ISSN 0004-3702, doi:10.1016/j.artint.2005.04.009. K Barnard, M Johnson.

48. "Automated image annotation using global features and robust nonparametric density estimation", 2005, volume 3568 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27858-3, ISSN 0302-9743, pages 507–517. A Yavlinsky, E Schofield, S Ruger.

47. "Automatic image semantic annotation based on image-keyword document model", 2005, volume 3568 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27858-3, ISSN 0302-9743, pages 184–193. XD Zhou, L Chen, JY Ye, Q Zhang, BL Shi.

46. "Systematic evaluation of machine translation methods for image and video annotation", 2005, volume 3568 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27858-3, ISSN 0302-9743, pages 174–183. P Virga, P Duygulu.

45. "From text to image: Generating visual query for image retrieval", 2005, volume 3491 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27420-0, ISSN 0302-9743, pages 664–675. WC Lin, YC Chang, HH Chen.

44. "Formulating semantic image annotation as a supervised learning problem", in 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Vol 2, Proceedings, (Edited by C Schmid, S Soatto, C Tomasi), 2005, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2372-2, ISSN 1063-6919, pages 163–168. G Carneiro, N Vasconcelos.

43. "Evaluating image retrieval", in 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Vol 1, Proceedings, (Edited by C Schmid, S Soatto, C Tomasi), 2005, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2372-2, ISSN 1063-6919, pages 955–961. NV Shirahatti, K Barnard.

42. "Automatic image annotation based on topic-based smoothing", in INTELLIGENT DATA ENGINEERING AND AUTOMATED LEARNING IDEAL 2005, PROCEEDINGS, (Edited by M Gallagher, J Hogan, F Maire), 2005, volume 3578 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-26972-X, ISSN 0302-9743, pages 86–93. XD Zhou, JY Ye, L Chen, L Zhang, BL Shi.

41. "Combining text and audio-visual features in video indexing", 2005, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 0-7803-8874-7, ISSN 1520-6149, pages 1005–1008. SF Chang, R Manmatha, TS Chua.

40. "A structured learning framework for content-based image indexing and visual query". MULTIMEDIA SYSTEMS, volume 10, number 4, OCT 2005, pages 317–331. ISSN 0942-4962, doi:10.1007/s00530-004-0158-z. JH Lim, JS Jin.

39. "Spatial models for wide-area visual surveillance: Computational approaches and spatial building-blocks". ARTIFICIAL INTELLIGENCE REVIEW, volume 23, number 2, APR 2005, pages 97–154. ISSN 0269-2821, doi:10.1007/s10462-004-4103-5. RJ Howarth.

38. "Statistical modeling and conceptualization of natural images". PATTERN RECOGNITION, volume 38, number 6, JUN 2005, pages 865–885. ISSN 0031-3203, doi:10.1016/j.patcog.2004.07.011. JP Fan, YL Gao, HZ Luo, GY Xu.

37. "Combining intra-image and inter-class semantics for consumer image retrieval". PATTERN RECOGNITION, volume 38, number 6, JUN 2005, pages 847–864. ISSN 0031-3203, doi:10.1016/j.patcog.2004.11.002. JH Lim, JS Jin.

36. "On the integration of grounding language and learning objects", 2004, ISBN 0-262-51183-5, pages 488–493. C Yu, DH Ballard.

35. "Using co-occurrence and segmentation to learn feature-based object models from video", 2005, ISBN 0-7695-2271-8, pages 129–134. T Stepleton, TS Lee.

34. "Automatic image captioning", in 2004 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXP (ICME), VOLS 1-3, 2004, ISBN 0-7803-8603-5, pages 1987–1990. JY Pan, HJ Yang, P Duygulu, C Faloutsos.

33. "Latent semantic indexing for semantic content detection of video shots", 2004, ISBN 0-7803-8603-5, pages 1783–1786, doi:10.1109/ICME.2004.1394601. F Souvannavong, B Merialdo, B Huet.

32. "Using the forest to see the trees: A graphical model relating features, objects, and scenes", 2004, volume 16 of ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS, ISBN 0-262-20152-6, ISSN 1049-5258, pages 1499–1506. K Murphy, A Torralba, WT Freeman.

31. "A model for learning the semantics of pictures", in ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS 16, (Edited by S Thrun, K Saul, B Scholkopf), 2004, volume 16 of ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS, ISBN 0-262-20152-6, ISSN 1049-5258, pages 553–560. V Lavrenko, R Manmatha, J Jeon.

30. "Color and color constancy in a translation model for object recognition", in ELEVENTH COLOR IMAGING CONFERENCE: COLOR SCIENCE AND ENGINEERING - SYSTEMS, TECHNOLOGIES, APPLICATIONS, 2003, ISBN 0-89208-248-8, pages 364–369. K Barnard, P Gabbur.

29. "Multiple bernoulli relevance models for image and video annotation", in PROCEEDINGS OF THE 2004 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOL 2, 2004, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2158-4, ISSN 1063-6919, pages 1002–1009. SL Feng, R Manmatha, V Lavrenko.

28. "Learning to segment images using region-based perceptual features", 2004, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2158-4, ISSN 1063-6919, pages 954–961. J Kaufhold, A Hoogs.

27. "Names and faces in the news", in PROCEEDINGS OF THE 2004 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOL 2, 2004, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2158-4, ISSN 1063-6919, pages 848–854. TL Berg, AC Berg, J Edwards, M Maire, R White, YW Teh, E Learned-Miller, DA Forsyth.

26. "Content based image synthesis", 2004, volume 3115 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22539-0, ISSN 0302-9743, pages 299–307. N Diakopoulos, I Essa, R Jain.

25. "An inference network approach to image retrieval", 2004, volume 3115 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22539-0, ISSN 0302-9743, pages 42–50. D Metzler, R Manmatha.

24. "Using maximum entropy for automatic image annotation", in IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS, (Edited by P Enser, Y Kompatsiaris, NE OConnor, AF Smeaton, AWM Smeulders), 2004, volume 3115 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22539-0, ISSN 0302-9743, pages 24–32. J Jeon, R Manmatha.

23. "Improving web-based learning: Automatic annotation of multimedia semantics and cross-media indexing", 2004, volume 3143 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22542-0, ISSN 0302-9743, pages 255–262. YT Zhuang, CM Wu, F Wu, X Liu.

22. "Improving cbir systems by integrating semantic features", 2004, ISBN 0-7695-2127-4, pages 233–240, doi:10.1109/CCCRV.2004.1301449. D Brahmi, D Ziou.

21. "Web image mining: Can we gather visual knowledge for image recognition from the web?", 2003, ISBN 0-7803-8185-8, pages 186–190. K Yanai.

20. "A constrained semi-supervised learning approach to data association", 2004, volume 3023 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-21982-X, ISSN 0302-9743, pages 1–12. H Kuck, P Carbonetto, N de Freitas.

19. "A statistical model for general contextual object recognition", in <u>COMPUTER VISION - ECCV 2004, PT 1</u>, (Edited by T Pajdla, J Matas), 2004, volume 3021 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-21984-6, ISSN 0302-9743, pages 350–362. P Carbonetto, N de Freitas, K Barnard.

18. "Semantics discovery for image indexing", in <u>COMPUTER VISION - ECCV 2004, PT 1</u>, (Edited by T Pajdla, J Matas), 2004, volume 3021 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-21984-6, ISSN 0302-9743, pages 270–281. JH Lim, JS Jin.

17. "Studying digital imagery of ancient paintings by mixtures of stochastic models". <u>IEEE TRANSACTIONS ON IMAGE PROCESSING</u>, volume 13, number 3, MAR 2004, pages 338–351. ISSN 1057-7149, doi:10.1109/TIP.2003.821349. J Li, JZ Wang.

16. "Multilabel dimensionality reduction via dependence maximization". <u>ACM TRANSACTIONS ON KNOWLEDGE DISCOVERY FROM DATA</u>, volume 4, number 3. ISSN 1556-4681, doi:10.1145/1839490.1839495. Yin Zhang, Zhi-Hua Zhou.

15. "Facing the reality of semantic image retrieval". <u>JOURNAL OF DOCUMENTATION</u>, volume 63, number 4, 2007, pages 465–481. ISSN 0022-0418, doi:10.1108/00220410710758977. Peter G. B. Enser, Christine J. Sandom, Jonathon S. Hare, Paul H. Lewis.

14. "Language-based querying of image collections on the basis of an extensible ontology". <u>IMAGE AND VISION COMPUTING</u>, volume 22, number 3, MAR 1 2004, pages 251–267. ISSN 0262-8856, doi:10.1016/j.imavis.2003.10.002. C Town, D Sinclair.

13. "Comparison of feature sets using multimedia translation", in <u>COMPUTER AND INFORMATION SCIENCES - ISCIS 2003</u>, (Edited by A Yazici, C Sener), 2003, volume 2869 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-20409-1, ISSN 0302-9743, pages 513–520. P Duygulu, OC Ozcanli, N Papernick.

12. "A fast image-gathering system from the world-wide web using a pc cluster". <u>IMAGE AND VISION COMPUTING</u>, volume 22, number 1, JAN 1 2004, pages 59–71. ISSN 0262-8856, doi:10.1016/j.imavis.2003.08.008. K Yanai, M Shindo, K Noshita.

11. "Using temporal coherence to build models of animals", 2003, ISBN 0-7695-1950-4, pages 338–345. D Ramanan, DA Forsyth.

10. "State of the art on automatic road extraction for gis update: a novel classification". <u>PATTERN RECOGNITION LETTERS</u>, volume 24, number 16, DEC 2003, pages 3037–3058. ISSN 0167-8655, doi:10.1016/S0167-8655(03)00164-8. JB Mena.

9. "Matching words and pictures". <u>JOURNAL OF MACHINE LEARNING RESEARCH</u>, volume 3, number 6, AUG 15 2003, pages 1107–1135. ISSN 1532-4435, doi:10.1162/153244303322533214. K Barnard, P Duygulu, D Forsyth, N de Freitas, DM Blei, MI Jordan. Workshop on Machine Learning Methods for Text and Images, VANCOUVER, CANADA, 2001.

8. "A multimodal learning interface for word acquisition", 2003, ISBN 0-7803-7663-3, pages 784–787. DH Ballard, C Yu.

7. "Automatic linguistic indexing of pictures by a statistical modeling approach". <u>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE</u>, volume 25, number 9, SEP 2003, pages 1075–1088. ISSN 0162-8828. J Li, JZ Wang.

6. "Enabling video annotation using a semantic database extended with visual knowledge", 2003, ISBN 0-7803-7965-9, pages 161–164. GC Stein, J Rittscher, A Hoogs.

5. "The effects of segmentation and feature choice in a translation model of object recognition", in <u>2003 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN</u>

RECOGNITION, VOL II, PROCEEDINGS, 2003, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISSN 1063-6919, pages 675–682. K Barnard, P Duygulu, R Guru, P Gabbur, D Forsyth.

4. "Video content annotation using visual analysis and a large semantic knowledgebase", 2003, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISSN 1063-6919, pages 327–334. A Hoogs, J Rittscher, G Stein, J Schmiederer.

3. "Musical query-by-description as a multiclass learning problem", 2002, ISBN 0-7803-7713-3, pages 153–156. B Whitman, R Rifkin.

2. "Recognition as translating images into text", 2003, volume 5018 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-4818-4, ISSN 0277-786X, pages 168–178, doi:10.1117/12.478427. K Barnard, P Duygulu, D Forsyth.

1. "A method for comparing content based image retrieval methods", 2003, volume 5018 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-4818-4, ISSN 0277-786X, pages 1–8, doi:10.1117/12.476179. K Barnard, NV Shirahatti.

Translating images to words : A novel approach for object recognition, 2003, Middle East Technical University [Citations: 4 (0 self)]

4. "Image semantic extraction using latent semantic indexing on image retrieval automatic-annotation", 2009, ISBN 978-1-4244-5330-6, pages 283–288, doi:10.1109/SoCPaR.2009.64. Yeni Herdiyeni, Sri Nurdiati, Imam Abu Daud.

3. "Semantic image retrieval using region-based relevance feedback", 2007, volume 4398 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-71544-3, ISSN 0302-9743, pages 192–206. Jose Manuel Torres, David Hutchison, Luis Paulo Reis.

2. "Using example-based machine translation method for automatic image annotation", 2006, ISBN 1-4244-0331-6, pages 9809–9812. Linsen Yu, Yongmei Liu, Tianwen Zhang.

1. "Clustering and semantically filtering web images to create a large-scale image ontology - art. no. 60610b", 2006, volume 6061 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-6101-6, ISSN 0277-786X, page B610, doi: 10.1117/12.642406. S. Zinger, C. Millet, B. Mathieu, G. Grefenstette, P. Hede, P.-A. Moellic.

"Object based image labeling through learning-by-example and multi-level segmentation". Pattern Recognition, volume 36, number 6, 2003, pages 1407–1423. Y. Xu, P. Duygulu, E. Saber, M. Tekalp, F. Yarman Vural [Citations: 6 (0 self)]

6. "Object-based pseudo-three-dimensional conversion of two-dimensional videos". OPTICAL ENGINEERING, volume 48, number 7. ISSN 0091-3286, doi:10.1117/1.3159873. Jianmin Jiang, Guoqiang Xiao.

5. "Constrained region-growing and edge enhancement towards automated semantic video object segmentation", in ADVANCED CONCEPTS FOR INTELLIGENT VISION SYSTEMS, PROCEEDINGS, (Edited by J BlancTalon, W Philips, D Popescu, P Scheunders), 2006, volume 4179 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-44630-3, ISSN 0302-9743, pages 323–331. L. Gao, J. Jiang, S. Y. Yang.

4. "A classification framework for content-based extraction of biomedical objects from hierarchically decomposed images - art. no. 61441n", in Medical Imaging 2006: Image Processing, Pts 1-3, (Edited by JM Reinhardt, JPW Pluim), 2006, volume 6144 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-6423-6, ISSN 0277-786X, page N1441, doi:10.1117/12.653503. Christian Thies, Marcel Schmidt Borreda, Thomas Seidl, Thomas M. Lehmann.

3. "Partial shape recognition by sub-matrix matching for partial matching guided image labeling". <u>PATTERN RECOGNITION</u>, volume 38, number 10, OCT 2005, pages 1560–1573. ISSN 0031-3203, doi:10.1016/j.patcog.2005.03.027. E Saber, YW Xu, AM Tekalp.

2. "Object-based modeling, identification and labeling of medical images for content-based retrieval by querying on intervals of attribute values", in <u>Medical Imaging 2005: PACS and Imaging Informatics</u>, (Edited by OM Ratib, SC Horii), 2005, volume 5748 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-5722-1, ISSN 0277-786X, pages 382–391, doi:10.1117/12.596001. C Thies, T Ostwald, B Fischer, TM Lehmann.

1. "Formal extraction of biomedical objects by subgraph matching in attributed hierarchical region adjacency graphs", in <u>MEDICAL IMAGING 2004: IMAGE PROCESSING, PTS 1-3</u>, (Edited by JM Fitzpatrick, M Sonka), 2004, volume 5370 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-5283-1, ISSN 0277-786X, pages 1498–1508, doi:10.1117/12.536019. C Thies, V Metzler, T Lehmann, T Aach.

"Matching words and pictures". Journal of Machine Learning Research, volume 3, 2003, pages 1107–1135. K. Barnard, P. Duygulu, N. de Freitas, D. A. Forsyth, D. Blei, M. Jordan [Citations: 411 (14 self)]

411. "A survey on automatic image annotation and trends of the new age", in <u>PEEA 2011</u>, (Edited by H Tan), 2011, volume 23 of Procedia Engineering, ISSN 1877-7058, doi:10.1016/j.proeng.2011.11.2526. Feichao Wang.

410. "Quantifying and transferring contextual information in object detection". <u>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE</u>, volume 34, number 4, APR 2012, pages 762–777. ISSN 0162-8828, doi:10.1109/TPAMI.2011.164. Wei-Shi Zheng, Shaogang Gong, Tao Xiang.

409. "Capturing contextual relationship for effective media search". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 56, number 2, SI, JAN 2012, pages 351–364. ISSN 1380-7501, doi: 10.1007/s11042-010-0670-4. Guang-Ho Cha.

408. "Learning cross-modality similarity for multinomial data", in <u>2011 IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION (ICCV)</u>, 2011, ISBN 978-1-4577-1102-2, pages 2407–2414. Yangqing Jia, Mathieu Salzmann, Trevor Darrell.

407. "Multimodal indexing based on semantic cohesion for image retrieval". <u>INFORMATION RETRIEVAL</u>, volume 15, number 1, FEB 2012, pages 1–32. ISSN 1386-4564, doi:10.1007/s10791-011-9170-z. Hugo Jair Escalante, Manuel Montes, Enrique Sucar.

406. "Learning semantic embedding at a large scale", in <u>2011 18TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP)</u>, 2011, IEEE International Conference on Image Processing ICIP, ISBN 978-1-4577-1303-3, ISSN 1522-4880. Min-Hsuan Tsai, Jinjun Wang, Tong Zhang, Yihong Gong, Thomas S. Huang.

405. "Face recognition from caption-based supervision". <u>INTERNATIONAL JOURNAL OF COMPUTER VISION</u>, volume 96, number 1, JAN 2012, pages 64–82. ISSN 0920-5691, doi:10.1007/s11263-011-0447-x. Matthieu Guillaumin, Thomas Mensink, Jakob Verbeek, Cordelia Schmid.

404. "An hmm-svm-based automatic image annotation approach", in <u>COMPUTER VISION - ACCV 2010, PT IV</u>, (Edited by R Kimmel, R Klette, A Sugimoto), 2011, volume 6495 of Lecture Notes in Computer Science, ISBN 978-3-642-19281-4, ISSN 0302-9743, pages 115–126. Yinjie Lei, Wilson Wong, Wei Liu, Mohammed Bennamoun.

403. "Supervised lda for image annotation", in <u>2011 IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN, AND CYBERNETICS (SMC)</u>, 2011, IEEE International Conference on Systems Man and Cybernetics Conference Proceedings, ISBN 978-1-4577-0653-0, ISSN 1062-922X, pages 471–476. Guo Qiaojin, Li Ning, Yang Yubin, Wu Gangshan.

402. "Modeling loosely annotated images using both given and imagined annotations". OPTICAL ENGINEERING, volume 50, number 12. ISSN 0091-3286, doi:10.1117/1.3660575. Hong Tang, Nozha Boujemaa, Yunhao Chen, Lei Deng.

401. "Multimodal representation, indexing, automated annotation and retrieval of image collections via non-negative matrix factorization". NEUROCOMPUTING, volume 76, number 1, SI, JAN 15 2012, pages 50–60. ISSN 0925-2312, doi:10.1016/j.neucom.2011.04.037. Juan C. Caicedo, Jaafar BenAbdallah, Fabio A. Gonzalez, Olfa Nasraoui.

400. "Web image annotation using two-step filtering on social tags", in IMAGING AND PRINTING IN A WEB 2.0 WORLD II, (Edited by Q Lin, JP Allebach, Z Fan), 2011, volume 7879 of Proceedings of SPIE, ISBN 978-0-8194-8416-1, ISSN 0277-786X, doi:10.1117/12.876606. Sunyoung Cho, Jaeseong Cha, Hyeran Byun.

399. "Unsupervised feature selection and category formation for mobile robot vision", in 2011 INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS (IJCNN), 2011, ISBN 978-1-4244-9636-5, pages 320–327. Hirokazu Madokoro, Masahiro Tsukada, Kazuhito Sato.

398. "Low-dimensional and comprehensive color texture description". COMPUTER VISION AND IMAGE UNDERSTANDING, volume 116, number 1, JAN 2012, pages 54–67. ISSN 1077-3142, doi:10.1016/j.cviu.2011.08.004. Susana Alvarez, Anna Salvatella, Maria Vanrell, Xavier Otazu.

397. "Mining software repositories using topic models", in 2011 33RD INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING (ICSE), 2011, ISBN 978-1-4503-0445-0, pages 1138–1139. Stephen W. Thomas.

396. "Automatic video annotation via hierarchical topic trajectory model considering cross-modal correlations", in 2011 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 2011, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 978-1-4577-0539-7, ISSN 1520-6149, pages 2380–2383. Takuho Nakano, Akisato Kimura, Hirokazu Kameoka, Shigeki Miyabe, Shigeki Sagayama, Nobutaka Ono, Kunio Kashino, Takuya Nishimoto.

395. "Automatic audio tag classification via semi-supervised canonical density estimation", in 2011 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 2011, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 978-1-4577-0539-7, ISSN 1520-6149, pages 2232–2235. Jun Takagi, Yasunori Ohishi, Akisato Kimura, Masashi Sugiyama, Makoto Yamada, Hirokazu Kameoka.

394. "Region-based supervised annotation for semantic image retrieval". AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, volume 65, number 11, 2011, pages 929–936. ISSN 1434-8411, doi:10.1016/j.aeue.2011.03.003. Fei Shi, Jiajun Wang, Zhiyong Wang.

393. "Multiclass classification with potential function rules: Margin distribution and generalization". PATTERN RECOGNITION, volume 45, number 1, JAN 2012, pages 540–551. ISSN 0031-3203, doi:10.1016/j.patcog.2011.05.009. Fei Teng, Yixin Chen, Xin Dang.

392. "Baby talk: Understanding and generating simple image descriptions", in 2011 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), 2011, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4577-0393-5, ISSN 1063-6919, pages 1601–1608. Girish Kulkarni, Visruth Premraj, Sagnik Dhar, Siming Li, Yejin Choi, Alexander C. Berg, Tamara L. Berg.

391. "Halfway through the semantic gap: Prosemantic features for image retrieval". INFORMATION SCIENCES, volume 181, number 22, NOV 15 2011, pages 4943–4958. ISSN 0020-0255, doi:10.1016/j.ins.2011.06.025. Gianluigi Ciocca, Claudio Cusano, Simone Santini, Raimondo Schettini.

390. "Multi-scale image semantic recognition with hierarchical visual vocabulary". COMPUTER SCIENCE AND INFORMATION SYSTEMS, volume 8, number 3, JUN 2011, pages 931–951. ISSN 1820-0214, doi:10.2298/CSIS100423035J. Xinghao Jiang, Tanfeng Sun, GuangLei Fu.

389. "Probabilistic image tagging with tags expanded by text-based search", in DATABASE SYSTEMS FOR ADVANCED APPLICATIONS, PT I, (Edited by JX Yu, MH Kim, R Unland), 2011, volume 6587 of Lecture Notes in Computer Science, ISBN 978-3-642-20148-6, ISSN 0302-9743, pages 269–283. Xiaoming Zhang, Zi Huang, Heng Tao Shen, Zhoujun Li.

388. "Selection of sift feature points for scene description in robot vision", in IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN AND CYBERNETICS (SMC 2010), 2010, IEEE International Conference on Systems Man and Cybernetics Conference Proceedings, ISBN 978-1-4244-6588-0, ISSN 1062-922X. Yuya Utsumi, Masahiro Tsukada, Hirokazu Madokoro, Kazuhito Sato.

387. "Multiple view semantic segmentation for street view images", in 2009 IEEE 12TH INTERNATIONAL CONFERENCE ON COMPUTER VISION (ICCV), 2009, IEEE International Conference on Computer Vision, ISBN 978-1-4244-4419-9, ISSN 1550-5499, pages 686–693. Jianxiong Xiao, Long Quan.

386. "I know what you did last summer: object-level auto-annotation of holiday snaps", in 2009 IEEE 12TH INTERNATIONAL CONFERENCE ON COMPUTER VISION (ICCV), 2009, IEEE International Conference on Computer Vision, ISBN 978-1-4244-4419-9, ISSN 1550-5499, pages 614–621, doi:10.1109/ICCV.2009.5459180. Stephan Gammeter, Lukas Bossard, Till Quack, Luc Van Gool.

385. "Tagprop: Discriminative metric learning in nearest neighbor models for image auto-annotation", in 2009 IEEE 12TH INTERNATIONAL CONFERENCE ON COMPUTER VISION (ICCV), 2009, IEEE International Conference on Computer Vision, ISBN 978-1-4244-4419-9, ISSN 1550-5499, pages 309–316, doi:10.1109/ICCV.2009.5459266. Matthieu Guillaumin, Thomas Mensink, Jakob Verbeek, Cordelia Schmid.

384. "Image modeling with combined optimization techniques for image semantic annotation". NEURAL COMPUTING & APPLICATIONS, volume 20, number 7, SI, OCT 2011, pages 1001–1015. ISSN 0941-0643, doi:10.1007/s00521-010-0398-0. Dong Yang, Ping Guo.

383. "Unsupervised organization of image collections: Taxonomies and beyond". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 33, number 11, NOV 2011, pages 2302–2315. ISSN 0162-8828, doi:10.1109/TPAMI.2011.79. Evgeniy Bart, Max Welling, Pietro Perona.

382. "The hierarchical clustering analysis of hyperspectral image based on probabilistic latent semantic analysis". SPECTROSCOPY AND SPECTRAL ANALYSIS, volume 31, number 9, SEP 2011, pages 2471–2475. ISSN 1000-0593, doi:10.3964/j.issn.1000-0593(2011)09-2471-05. Yi Wen-bin, Shen Li, Qi Yin-feng, Tang Hong.

381. "Scene understanding and task optimisation using multimodal imaging sensors and context - a real-time implementation", in INFRARED TECHNOLOGY AND APPLICATIONS XXXVII, (Edited by BF Andresen, GF Fulop, PR Norton), 2011, volume 8012 of Proceedings of SPIE, ISBN 978-0-81948-586-1, ISSN 0277-786X, doi:10.1117/12.890207. Barry Connor, Jonathan Letham, Neil Robertson, Iain Carrie.

380. "Image decomposition with multilabel context: Algorithms and applications". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 20, number 8, AUG 2011, pages 2301–2314. ISSN 1057-7149, doi:10.1109/TIP.2010.2103081. Teng Li, Shuicheng Yan, Tao Mei, Xian-Sheng Hua, In-So Kweon.

379. "Unsupervised feature selection and category classification for a vision-based mobile robot". IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS, volume E94D, number 1, JAN 2011, pages 127–136. ISSN 0916-8532, doi:10.1587/transinf.E94.D.127. Masahiro Tsukada, Yuya Utsumi, Hirokazu Madokoro, Kazuhito Sato.

378. "Learning from partial labels". JOURNAL OF MACHINE LEARNING RESEARCH, volume 12, MAY 2011, pages 1501–1536. ISSN 1532-4435. Timothee Cour, Benjamin Sapp, Ben Taskar.

377. "Customer segmentation of multiple category data in e-commerce using a soft-clustering approach". ELECTRONIC COMMERCE RESEARCH AND APPLICATIONS, volume 10, number 3, MAY-JUN 2011, pages 331–341. ISSN 1567-4223, doi:10.1016/j.elerap.2010.11.002. Roung-Shiunn Wu, Po-Hsuan Chou.

376. "Visual content representation using semantically similar visual words". EXPERT SYSTEMS WITH APPLICATIONS, volume 38, number 9, SEP 2011, pages 11472–11481. ISSN 0957-4174, doi:10.1016/j.eswa.2011.03.021. Kraisak Kesorn, Sutasinee Chimlek, Stefan Poslad, Punpiti Piamsa-nga.

375. "Annotation system for medical domain", in SOFT COMPUTING MODELS IN INDUSTRIAL AND ENVIRONMENTAL APPLICATIONS, 6TH INTERNATIONAL CONFERENCE SOCO 2011, (Edited by E Corchado, V Snasel, J Sedano, AE Hassanien, JL Calvo, D Slezak), 2011, volume 87 of Advances in Intelligent and Soft Computing, ISBN 978-3-642-19643-0, ISSN 1867-5662, pages 579–587. Cristian Gabriel Mihai, Liana Stanescu, Dumitru Dan Burdescu, Marius Brezovan, Cosmin Stoica Spahiu, Eugen Ganea.

374. "Capturing contextual relationship for effective media search", in PROCEEDINGS OF THE 2009 FOURTH INTERNATIONAL CONFERENCE ON EMBEDDED AND MULTIMEDIA COMPUTING, 2009, ISBN 978-1-4244-4996-5, pages 148–153. Guang-Ho Cha.

373. "An energy-based model for region-labeling". COMPUTER VISION AND IMAGE UNDERSTANDING, volume 115, number 6, JUN 2011, pages 787–803. ISSN 1077-3142, doi: 10.1016/j.cviu.2011.02.002. Hugo Jair Escalante, Manuel Montes-y Gomez, Luis Enrique Sucar.

372. "A hybrid probabilistic model for unified collaborative and content-based image tagging". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 33, number 7, JUL 2011, pages 1281–1294. ISSN 0162-8828, doi:10.1109/TPAMI.2010.204. Ning Zhou, William K. Cheung, Guoping Qiu, Xiangyang Xue.

371. "Video2text: Learning to annotate video content", in 2009 IEEE INTERNATIONAL CONFERENCE ON DATA MINING WORKSHOPS (ICDMW 2009), (Edited by Y Saygin, JX Yu, H Kargupta, W Wang, S Ranka, PS Yu, XD Wu), 2009, ISBN 978-1-4244-5384-9, pages 144–151, doi:10.1109/ICDMW.2009.79. Hrishikesh Aradhye, George Toderici, Jay Yagnik.

370. "Symmetric statistical translation models for automatic image annotation", in PROCEEDINGS OF THE FIFTH SIAM INTERNATIONAL CONFERENCE ON DATA MINING, (Edited by H Kargupta, J Srivastava, C Kamath, A Goodman), 2005, SIAM Proceedings Series, ISBN 978-0-89871-593-4, pages 616–620. Feng Kang, Rong Jin.

369. "Mining visual and textual data for constructing a multi-modal thesaurus", in PROCEEDINGS OF THE SEVENTH SIAM INTERNATIONAL CONFERENCE ON DATA MINING, (Edited by C Apte, B Liu, S Parthasarathy, D Skillicorn), 2007, ISBN 978-0-898716-30-6, pages 479–484. Hichem Frigui, Joshua Candill.

368. "Automatic semantic image classification and retrieval based on the weighted feature algorithm", in 2ND IEEE INTERNATIONAL CONFERENCE ON ADVANCED COMPUTER CONTROL (ICACC 2010), VOL. 2, (Edited by H Xu), 2010, ISBN 978-1-4244-5847-9, pages 87–91. Keping Wang, Xiaojie Wang, Ke Zhang, Yixin Zhong.

367. "Learning visual contexts for image annotation from flickr groups". IEEE TRANSACTIONS ON MULTIMEDIA, volume 13, number 2, APR 2011, pages 330–341. ISSN 1520-9210, doi:10.1109/TMM.2010.2101051. Adrian Ulges, Marcel Worring, Thomas Breuel.

366. "Improving automatic image captioning using text summarization techniques", in TEXT, SPEECH AND DIALOGUE, (Edited by P Sojka, A Horak, I Kopecek, K Pala), 2010, volume 6231 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-15759-2, ISSN 0302-9743, pages 165–172. Laura Plaza, Elena Lloret, Ahmet Aker.

365. "Logistic stick-breaking process". JOURNAL OF MACHINE LEARNING RESEARCH, volume 12, JAN 2011, pages 203–239. ISSN 1532-4435. Lu Ren, Lan Du, Lawrence Carin, David B. Dunson.

364. "Sun database: Large-scale scene recognition from abbey to zoo", in 2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3485–3492, doi:10.1109/CVPR.2010.5539970. Jianxiong Xiao, James Hays, Krista A. Ehinger, Aude Oliva, Antonio Torralba.

363. "Topic regression multi-modal latent dirichlet allocation for image annotation", in 2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3408–3415, doi:10.1109/CVPR.2010.5540000. Duangmanee Putthividhya, Hagai T. Attias, Srikantan S. Nagarajan.

362. "Automatic image annotation using group sparsity", in 2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 3312–3319, doi:10.1109/CVPR. 2010.5540036. Shaoting Zhang, Junzhou Huang, Yuchi Huang, Yang Yu, Hongsheng Li, Dimitris N. Metaxas.

361. "Arista - image search to annotation on billions of web photos", in 2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 2987–2994, doi:10.1109/CVPR.2010.5540046. Xin-Jing Wang, Lei Zhang, Ming Liu, Yi Li, Wei-Ying Ma.

360. "Reading between the lines: Object localization using implicit cues from image tags", in 2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), 2010, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-6984-0, ISSN 1063-6919, pages 2971–2978, doi:10.1109/CVPR.2010.5540043. Sung Ju Hwang, Kristen Grauman.

359. "Harvesting image databases from the web". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 33, number 4, APR 2011, pages 754–766. ISSN 0162-8828, doi:10.1109/TPAMI.2010.133. Florian Schroff, Antonio Criminisi, Andrew Zisserman.

358. "Automatic image annotation with continuous plsa", in 2010 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 2010, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 978-1-4244-4296-6, ISSN 1520-6149, pages 806–809, doi:10.1109/ICASSP.2010.5494943. Zhixin Li, Zhiping Shi, Xi Liu, Zhongzhi Shi.

357. "Video annotation using hierarchical dirichlet process mixture model". EXPERT SYSTEMS WITH APPLICATIONS, volume 38, number 4, APR 2011, pages 3040–3048. ISSN 0957-4174, doi:10.1016/j. eswa.2010.08.094. Roung-Shiunn Wu, Po-Chun Li.

356. "Image to text translation by multi-label classification", in ADVANCED INTELLIGENT COMPUTING THEORIES AND APPLICATIONS: WITH ASPECTS OF ARTIFICIAL INTELLIGENCE, (Edited by DS Huang, X Zhang, CAR Garcia, L Zhang), 2010, volume 6216 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-14931-3, ISSN 0302-9743, pages 247–254. Gulisong Nasierding, Abbas Z. Kouzani.

355. "Discovering multipart appearance models from captioned images", in COMPUTER VISION-ECCV 2010, PT V, (Edited by K Daniilidis, P Maragos, N Paragios), 2010, volume 6315 of Lecture Notes in

Computer Science, ISBN 978-3-642-15554-3, ISSN 0302-9743, pages 183–196. Michael Jamieson, Yulia Eskin, Afsaneh Fazly, Suzanne Stevenson, Sven Dickinson.

354. "Seeing people in social context: Recognizing people and social relationships", in COMPUTER VISION-ECCV 2010, PT V, (Edited by K Daniilidis, P Maragos, N Paragios), 2010, volume 6315 of Lecture Notes in Computer Science, ISBN 978-3-642-15554-3, ISSN 0302-9743, pages 169–182. Gang Wang, Andrew Gallagher, Jiebo Luo, David Forsyth.

353. "Modeling continuous visual features for semantic image annotation and retrieval". PATTERN RECOGNITION LETTERS, volume 32, number 3, FEB 1 2011, pages 516–523. ISSN 0167-8655, doi:10.1016/j.patrec.2010.11.015. Zhixin Li, Zhiping Shi, Xi Liu, Zhongzhi Shi.

352. "Mosir: Image and segment-based retrieval for mobile phones", in ADVANCES IN MULTIMEDIA INFORMATION PROCESSING-PCM 2010, PT II, (Edited by GP Qiu, KM Lam, H Kiya, XY Xue, CCJ Kuo, MS Lew), 2010, volume 6298 of Lecture Notes in Computer Science, ISBN 978-3-642-15695-3, ISSN 0302-9743, pages 515–525. Akihiko Nakagawa, Andrea Kutics, Khin Hninn Phyu, Hiroki Sato, Tomoaki Furukawa, Kageyuki Koiduka.

351. "Image annotation by sparse logistic regression", in ADVANCES IN MULTIMEDIA INFORMATION PROCESSING-PCM 2010, PT II, (Edited by GP Qiu, KM Lam, H Kiya, XY Xue, CCJ Kuo, MS Lew), 2010, volume 6298 of Lecture Notes in Computer Science, ISBN 978-3-642-15695-3, ISSN 0302-9743, pages 22–30. Siqiong He, Jinzhu Jia.

350. "Large-scale text to image retrieval using a bayesian k-neighborhood model", in STRUCTURAL, SYNTACTIC, AND STATISTICAL PATTERN RECOGNITION, (Edited by ER Hancock, RC Wilson, T Windeatt, I Ulusoy, F Escolano), 2010, volume 6218 of Lecture Notes in Computer Science, ISBN 978-3-642-14979-5, ISSN 0302-9743, pages 483–492. Roberto Paredes.

349. "Impact of visual information on text and content based image retrieval", in STRUCTURAL, SYNTACTIC, AND STATISTICAL PATTERN RECOGNITION, (Edited by ER Hancock, RC Wilson, T Windeatt, I Ulusoy, F Escolano), 2010, volume 6218 of Lecture Notes in Computer Science, ISBN 978-3-642-14979-5, ISSN 0302-9743, pages 159–169. Christophe Moulin, Christine Largeron, Mathias Gery.

348. "Automatic attribute discovery and characterization from noisy web data", in COMPUTER VISION-ECCV 2010, PT I, (Edited by K Daniilidis, P Maragos, N Paragios), 2010, volume 6311 of Lecture Notes in Computer Science, ISBN 978-3-642-15548-2, ISSN 0302-9743, pages 663–676. Tamara L. Berg, Alexander C. Berg, Jonathan Shih.

347. "Automatic image semantic interpretation using social action and tagging data". MULTIMEDIA TOOLS AND APPLICATIONS, volume 51, number 1, JAN 2011, pages 213–246. ISSN 1380-7501, doi:10.1007/s11042-010-0650-8. Neela Sawant, Jia Li, James Z. Wang.

346. "Multimedia data mining: state of the art and challenges". MULTIMEDIA TOOLS AND APPLICATIONS, volume 51, number 1, JAN 2011, pages 35–76. ISSN 1380-7501, doi:10.1007/s11042-010-0645-5. Chidansh Amitkumar Bhatt, Mohan S. Kankanhalli.

345. "Automatic image tagging using community-driven online image databases", in ADAPTIVE MULTIMEDIA RETRIEVAL: IDENTIFYING, SUMMARIZING, AND RECOMMENDING IMAGE AND MUSIC, (Edited by M Detyniecki, U Leiner, A Nurnberger), 2010, volume 5811 of Lecture Notes in Computer Science, ISBN 978-3-642-14757-9, ISSN 0302-9743, pages 112–126. Marius Renn, Joost van Beusekom, Daniel Keysers, Thomas M. Breuel.

344. "Multimedia translation for linking visual data to semantics in videos". MACHINE VISION AND APPLICATIONS, volume 22, number 1, JAN 2011, pages 99–115. ISSN 0932-8092, doi:10.1007/s00138-009-0217-8. Pinar Duygulu, Muhammet Bastan.

343. "Attacking image recognition captchas a naive but effective approach", in TRUST, PRIVACY AND SECURITY IN DIGITAL BUSINESS, (Edited by S Katsikas, J Lopez, M Soriano), 2010, volume 6264 of Lecture Notes in Computer Science, ISBN 978-3-642-15151-4, ISSN 0302-9743, pages 13–25. Christoph Fritsch, Michael Netter, Andreas Reisser, Guenther Pernul.

342. "A semi-supervised algorithm for auto-annotation and unknown structures discovery in satellite image databases". IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING, volume 3, number 4, Part 2, DEC 2010, pages 698–717. ISSN 1939-1404, doi:10.1109/JSTARS.2010.2058794. Pierre Blanchart, Mihai Datcu.

341. "Composition of sift features for robust image representation", in IMAGING AND PRINTING IN A WEB 2.0 WORLD; AND MULTIMEDIA CONTENT ACCESS: ALGORITHMS AND SYSTEMS IV, (Edited by Q Lin, ZZ Fan, T Gevers, R Schettini, C Snoek), 2010, volume 7540 of Proceedings of SPIE, ISBN 978-0-8194-7933-4, ISSN 0277-786X, doi:10.1117/12.843540. Ignazio Infantino, Giovanni Spoto, Filippo Vella, Salvatore Gaglio.

340. "Semantic retrieval and automatic annotation: Linear transformations, correlation and semantic spaces", in IMAGING AND PRINTING IN A WEB 2.0 WORLD; AND MULTIMEDIA CONTENT ACCESS: ALGORITHMS AND SYSTEMS IV, (Edited by Q Lin, ZZ Fan, T Gevers, R Schettini, C Snoek), 2010, volume 7540 of Proceedings of SPIE, ISBN 978-0-8194-7933-4, ISSN 0277-786X, doi: 10.1117/12.838798. Jonathon S. Hare, Paul H. Lewis.

339. "Fusing semantic aspects for image annotation and retrieval". JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, volume 21, number 8, NOV 2010, pages 798–805. ISSN 1047-3203, doi:10.1016/j.jvcir.2010.06.004. Zhixin Li, Zhiping Shi, Xi Liu, Zhiqing Li, Zhongzhi Shi.

338. "Exploiting multi-modal interactions: A unified framework", in 21ST INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE (IJCAI-09), PROCEEDINGS, (Edited by C Boutilier), 2009, ISBN 978-1-57735-426-0, pages 1120–1125. Ming Li, Xiao-Bing Xue, Zhi-Hua Zhou.

337. "Pseudo-aligned multilingual corpora", in 20TH INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE (IJCAI-07), PROCEEDINGS, (Edited by MM Veloso), 2007, pages 2727–2732. Fernando Diaz, Donald Metzler.

336. "Hierarchical relational models for document networks". ANNALS OF APPLIED STATISTICS, volume 4, number 1, MAR 2010, pages 124–150. ISSN 1932-6157, doi:10.1214/09-AOAS309. Jonathan Chang, David M. Blei.

335. "Probabilistic topic models". IEEE SIGNAL PROCESSING MAGAZINE, volume 27, number 6, NOV 2010, pages 55–65. ISSN 1053-5888, doi:10.1109/MSP.2010.938079. David Blei, Lawrence Carin, David Dunson.

334. "Vision of a visipedia". PROCEEDINGS OF THE IEEE, volume 98, number 8, SI, AUG 2010, pages 1526–1534. ISSN 0018-9219, doi:10.1109/JPROC.2010.2049621. Pietro Perona.

333. "Image interpretation using large corpus: Wikipedia". PROCEEDINGS OF THE IEEE, volume 98, number 8, SI, AUG 2010, pages 1509–1525. ISSN 0018-9219, doi:10.1109/JPROC.2010.2050410. Mandar Rahurkar, Shen-Fu Tsai, Charlie Dagli, Thomas S. Huang.

332. "I2t: Image parsing to text description". PROCEEDINGS OF THE IEEE, volume 98, number 8, SI, AUG 2010, pages 1485–1508. ISSN 0018-9219, doi:10.1109/JPROC.2010.2050411. Benjamin Z. Yao, Xiong Yang, Liang Lin, Mun Wai Lee, Song-Chun Zhu.

331. "Learning object categories from internet image searches". PROCEEDINGS OF THE IEEE, volume 98, number 8, SI, AUG 2010, pages 1453–1466. ISSN 0018-9219, doi:10.1109/JPROC.2010.2048990. Rob Fergus, Li Fei-Fei, Pietro Perona, Andrew Zisserman.

330. "A context-aware similarity search for a handwritten digit image database". COMPUTER JOURNAL, volume 53, number 8, SI, 2010, pages 1291–1301. ISSN 0010-4620, doi:10.1093/comjnl/bxp011. Guang-Ho Cha.

329. "Bridging the semantic gap between image contents and tags". IEEE TRANSACTIONS ON MULTIMEDIA, volume 12, number 5, AUG 2010, pages 462–473. ISSN 1520-9210, doi:10.1109/TMM.2010.2051360. Hao Ma, Jianke Zhu, Michael Rung-Tsong Lyu, Irwin King.

328. "Study on the content-based image retrieval system by unsupervised learning", in PROCEEDINGS OF 2009 INTERNATIONAL CONFERENCE ON MACHINE LEARNING AND CYBERNETICS, VOLS 1-6, 2009, ISBN 978-1-4244-4705-3, pages 2324–2329. Shuo Wang, Jun Wang, Bing Wang, Xue-Zheng Wang.

327. "Image semantic coding using otb", in 2009 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, VOLS 1-5, 2009, IEEE International Symposium on Geoscience and Remote Sensing IGARSS, ISBN 978-1-4244-3394-0, pages 3125–3128. Marie Lienou, Marine Campedel.

326. "Natural object recognition using the combination of gaussian model and region growing", in PROCEEDINGS OF THE 2009 2ND INTERNATIONAL CONGRESS ON IMAGE AND SIGNAL PROCESSING, VOLS 1-9, (Edited by PH Qiu, C Yiu, H Zhang, XB Wen), 2009, ISBN 978-1-4244-4130-3, pages 2635–2639. Yongmei Cheng, Yanru Wu, Lihua Yang, Chunhui Zhao, Shaowu Zhang.

325. "Modeling latent aspects for automatic image annotation", in 2009 16TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1-6, 2009, ISBN 978-1-4244-5653-6, pages 1837–1840. Zhixin Li, Zhiping Shi, Zhiqing Li, Zhongzhi Shi.

324. "Dynamic nonparametric bayesian models for analysis of music". JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION, volume 105, number 490, JUN 2010, pages 458–472. ISSN 0162-1459, doi:10.1198/jasa.2009.ap08497. Lu Ren, David Dunson, Scott Lindroth, Lawrence Carin.

323. "A mapping modelling of visual feature and knowledge representation approach for medical image retrieval", in 2009 IEEE INTERNATIONAL CONFERENCE ON MECHATRONICS AND AUTOMATION, VOLS 1-7, CONFERENCE PROCEEDINGS, (Edited by S Guo, T Fukuda, Y Yo, H Yu), 2009, ISBN 978-1-4244-2692-8, pages 1778–1783, doi:10.1109/ICMA.2009.5246202. Li Jin, Liang Hong, Tang Lianzhi.

322. "Multiple hypergraph clustering of web images by miningword2image correlations". JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY, volume 25, number 4, JUL 2010, pages 750–760. ISSN 1000-9000, doi:10.1007/s11390-010-9362-9. Fei Wu, Ya-Hong Han, Yue-Ting Zhuang.

321. "Clustering based multi-label classification for image annotation and retrieval", in 2009 IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN AND CYBERNETICS (SMC 2009), VOLS 1-9, 2009, IEEE International Conference on Systems Man and Cybernetics Conference Proceedings, ISBN 978-1-4244-2793-2, ISSN 1062-922X, pages 4514–4519, doi:10.1109/ICSMC.2009.5346902. Gulisong Nasierding, Grigorios Tsoumakas, Abbas Z. Kouzani.

320. "Improving image annotation via representative feature vector selection". NEUROCOMPUTING, volume 73, number 10-12, SI, JUN 2010, pages 1774–1782. ISSN 0925-2312, doi:10.1016/j.neucom.2010.01.019. Wei-Chao Lin, Michael Oakes, John Tait.

319. "Improvement of image modeling with affinity propagation algorithm for semantic image annotation", in NEURAL INFORMATION PROCESSING, PT 1, PROCEEDINGS, (Edited by CS Leung, M Lee, JH Chan), 2009, volume 5863 of Lecture Notes in Computer Science, ISBN 978-3-642-10676-7, ISSN 0302-9743, pages 778–787. Dong Yang, Ping Guo.

318. "Understanding videos, constructing plots learning a visually grounded story line model from annotated videos", in CVPR: 2009 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN

RECOGNITION, VOLS 1-4, 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 2012–2019. Abhinav Gupta, Praveen Srinivasan, Jianbo Shi, Larry S. Davis.

317. "Simultaneous image classification and annotation", in CVPR: 2009 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-4, 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3992-8, ISSN 1063-6919, pages 1903–1910. Chong Wang, David Blei, Li Fei-Fei.

316. "Semantics-preserving bag-of-words models and applications". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 19, number 7, JUL 2010, pages 1908–1920. ISSN 1057-7149, doi:10.1109/TIP. 2010.2045169. Lei Wu, Steven C. H. Hoi, Nenghai Yu.

315. "Classification and automatic annotation extension of images using a bayesian network". TRAITEMENT DU SIGNAL, volume 26, number 5, SI, 2009, pages 339–352. ISSN 0765-0019. Sabine Barrat, Salvatore Tabbone.

314. "Region-based semi-automatic annotation using the bag of words representation of the keywords", in PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON IMAGE AND GRAPHICS (ICIG 2009), (Edited by YJ Zhang), 2009, ISBN 978-0-7695-3883-9, pages 422–427, doi: 10.1109/ICIG.2009.68. Nhu Van Nguyen, Alain Boucher, Jean-Marc Ogier, Salvatore Tabbone.

313. "Hierarchical gaussian mixture model for image annotation via plsa", in PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON IMAGE AND GRAPHICS (ICIG 2009), (Edited by YJ Zhang), 2009, ISBN 978-0-7695-3883-9, pages 384–389, doi:10.1109/ICIG.2009.174. Zhiyong Wang, Huaibin Yi, Jiajun Wang, Dagan Feng.

312. "Modeling, classifying and annotating weakly annotated images using bayesian network". JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, volume 21, number 4, MAY 2010, pages 355–363. ISSN 1047-3203, doi:10.1016/j.jvcir.2010.02.010. Sabine Barrat, Salvatore Tabbone.

311. "Automatic tag expansion using visual similarity for photo sharing websites". MULTIMEDIA TOOLS AND APPLICATIONS, volume 49, number 1, SI, AUG 2010, pages 81–99. ISSN 1380-7501, doi: 10.1007/s11042-009-0394-5. Sare Gul Sevil, Onur Kucuktunc, Pinar Duygulu, Fazli Can.

310. "Towards developing a unified multimodal image retrieval framework", in ICME: 2009 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-3, 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 1656–1659. Zhongfei (Mark) Zhang, Zhen Guo, Ruofei Zhang.

309. "Multimedia multimodal methodologies", in ICME: 2009 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-3, 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 1600–1603. L. Guan, P. Muneesawang, Y. Wang, R. Zhang, Y. Tie, A. Bulzacki, M. T. Ibrahim.

308. "Multimodal plsa on visual features and tags", in ICME: 2009 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-3, 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 414–417. Stefan Romberg, Eva Hoerster, Rainer Lienhart.

307. "Learning image semantics with latent aspect model", in ICME: 2009 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-3, 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 366–369. Zhixin Li, Xi Liu, Zhiping Shi, Zhongzhi Shi.

306. "Learning natural scene categories by selective multi-scale feature extraction". IMAGE AND VISION COMPUTING, volume 28, number 6, JUN 2010, pages 927–939. ISSN 0262-8856, doi:10.1016/j.imavis. 2009.11.007. Alessandro Perina, Marco Cristani, Vittorio Murino.

305. "Dynamic adaboost learning with feature selection based on parallel genetic algorithm for image annotation". KNOWLEDGE-BASED SYSTEMS, volume 23, number 3, APR 2010, pages 195–201. ISSN 0950-7051, doi:10.1016/j.knosys.2009.11.020. Ran Li, Jianjiang Lu, Yafei Zhang, Tianzhong Zhao.

304. "Leveraging social media for training object detectors", in 2009 16TH INTERNATIONAL CONFERENCE ON DIGITAL SIGNAL PROCESSING, VOLS 1 AND 2, 2009, ISBN 978-1-4244-3297-4, pages 232–239. E. Chatzilari, S. Nikolopoulos, I. Kompatsiaris, E. Giannakidou, A. Vakali.

303. "Training a multilingual sportscaster: Using perceptual context to learn language". JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH, volume 37, 2010, pages 397–435. ISSN 1076-9757. David L. Chen, Joohyun Kim, Raymond J. Mooney.

302. "Semantic annotation of satellite images using latent dirichlet allocation". IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, volume 7, number 1, JAN 2010, pages 28–32. ISSN 1545-598X, doi:10.1109/LGRS.2009.2023536. Marie Lienou, Henri Maitre, Mihai Datcu.

301. "The segmented and annotated iapr tc-12 benchmark". COMPUTER VISION AND IMAGE UNDERSTANDING, volume 114, number 4, APR 2010, pages 419–428. ISSN 1077-3142, doi: 10.1016/j.cviu.2009.03.008. Hugo Jair Escalante, Carlos A. Hernandez, Jesus A. Gonzalez, A. Lopez-Lopez, Manuel Montes, Eduardo F. Morales, L. Enrique Sucar, Luis Villasenor, Michael Grubinger.

300. "Infinite factorization of multiple non-parametric views". MACHINE LEARNING, volume 79, number 1-2, SI, MAY 2010, pages 201–226. ISSN 0885-6125, doi:10.1007/s10994-009-5155-1. Simon Rogers, Arto Klami, Janne Sinkkonen, Mark Girolami, Samuel Kaski.

299. "Context-based word acquisition for situated dialogue in a virtual world". JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH, volume 37, 2010, pages 247–277. ISSN 1076-9757. Shaolin Qu, Joyce Y. Chai.

298. "Review on statistical approaches for automatic image annotation", in 2009 INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND INFORMATICS, VOLS 1 AND 2, 2009, ISBN 978-1-4244-4912-5, pages 56–61. Syaifulnizam Abd Manaf, Md Jan Nordin.

297. "Automatic image annotation based on improved relevance model", in 2009 ASIA-PACIFIC CONFERENCE ON INFORMATION PROCESSING (APCIP 2009), VOL 2, PROCEEDINGS, (Edited by L Qi), 2009, ISBN 978-0-7695-3699-6, pages 59–62, doi:10.1109/APCIP.2009.151. Haiyu Song, Xiongfei Li, Haiyu Song, Pengjie Wang.

296. "Hanolistic: A hierarchical automatic image annotation system using holistic approach", in 2009 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS (CVPR WORKSHOPS 2009), VOLS 1 AND 2, 2009, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-3994-2, ISSN 1063-6919, pages 899–904. Oezge Oeztimur Karadag, Fatos T. Yarman Vural.

295. "Automatic image annotation using colour entropy and region contours", in 2009 IEEE INTERNATIONAL ADVANCE COMPUTING CONFERENCE, VOLS 1-3, 2009, ISBN 978-1-4244-2927-1, pages 109–113, doi:10.1109/IADCC.2009.4808990. G. Sureshkumar, R. Baskaran, A. Sathya, A. Deivamani.

294. "Enrichment and ranking of the youtube tag space and integration with the linked data cloud", in SEMANTIC WEB - ISWC 2009, PROCEEDINGS, (Edited by A Bernstein, DR Karger, T Heath, L Feigenbaum, D Maynard, E Motta, K Thirunarayan), 2009, volume 5823 of Lecture Notes in Computer Science, ISBN 978-3-642-04929-3, ISSN 0302-9743, pages 747–762. Smitashree Choudhury, John G. Breslin, Alexandre Passant.

293. "Variational bayes for generic topic models", in KI 2009: ADVANCES IN ARTIFICIAL INTELLIGENCE, PROCEEDINGS, (Edited by B Mertsching, M Hund), 2009, volume 5803 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-04616-2, ISSN 0302-9743, pages 161–168. Gregor Heinrich, Michael Goesele.

292. "A fundamental consideration for identification of objects in images without use of text tags", in ISCE: 2009 IEEE 13TH INTERNATIONAL SYMPOSIUM ON CONSUMER ELECTRONICS, VOLS 1 AND 2, 2009, ISBN 978-1-4244-2975-2, pages 377–381. Hiroshi Kudoh, Mitsuji Muneyasu, Yoshiko Hanada.

291. "Improved resulted word counts optimizer for automatic image annotation problem". FUNDAMENTA INFORMATICAE, volume 96, number 4, 2009, pages 435–463. ISSN 0169-2968, doi:10.3233/ FI-2009-187. Mariusz Paradowski, Halina Kwasnicka.

290. "A distributed, service-based framework for knowledge applications with multimedia". ACM TRANSACTIONS ON INFORMATION SYSTEMS, volume 27, number 4. ISSN 1046-8188, doi: 10.1145/1629096.1629100. David Dupplaw, Srinandan Dasmahapatra, Bo Hu, Paul Lewis, Nigel Shadbolt.

289. "A generic approach to topic models", in MACHINE LEARNING AND KNOWLEDGE DISCOVERY IN DATABASES, PT I, (Edited by W Buntine, M Grobelnik, D Mladenic, J ShaweTaylor), 2009, volume 5781 of Lecture Notes in Artificial Intelligence, ISBN 978-3-642-04179-2, ISSN 0302-9743, pages 517–532. Gregor Heinrich.

288. "Using language to learn structured appearance models for image annotation". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 32, number 1, JAN 2010, pages 148–164. ISSN 0162-8828, doi:10.1109/TPAMI.2008.283. Michael Jamieson, Afsaneh Fazly, Suzanne Stevenson, Sven Dickinson, Sven Wachsmuth.

287. "A novel video annotation framework based on video object", in FIRST IITA INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE, PROCEEDINGS, (Edited by Q Luo, MM Gong), 2009, ISBN 978-0-7695-3615-6, pages 572–575, doi:10.1109/JCAI.2009.32. Yang Li, Jianjiang Lu, Yafei Zhang, Ran Li, Bo Zhou.

286. "Semi-automatic dynamic auxiliary-tag-aided image annotation". PATTERN RECOGNITION, volume 43, number 2, FEB 2010, pages 470–477. ISSN 0031-3203, doi:10.1016/j.patcog.2009.03.009. Shile Zhang, Bin Li, Xiangyang Xue.

285. "Structured correspondence topic models for mining captioned figures in biological literature", in KDD-09: 15TH ACM SIGKDD CONFERENCE ON KNOWLEDGE DISCOVERY AND DATA MINING, 2009, ISBN 978-1-60558-495-9, pages 39–47. Amr Ahmed, Eric P. Xing, William W. Cohen, Robert F. Murphy.

284. "Learning social tag relevance by neighbor voting". IEEE TRANSACTIONS ON MULTIMEDIA, volume 11, number 7, NOV 2009, pages 1310–1322. ISSN 1520-9210, doi:10.1109/TMM.2009.2030598. Xirong Li, Cees G. M. Snoek, Marcel Worring.

283. "A new large-scale image automatic annotation system based on wordnet", in 2008 INTERNATIONAL WORKSHOP ON EDUCATION TECHNOLOGY AND TRAINING AND 2008 INTERNATIONAL WORKSHOP ON GEOSCIENCE AND REMOTE SENSING, VOL 1, PROCEEDINGS, (Edited by L Qi), 2009, ISBN 978-0-7695-3563-0, pages 758–762, doi:10.1109/ETTandGRS.2008.319. Jianjiang Lu, Zining Lu, Yang Li, Tianzhong Zhao, Yafei Zhang.

282. "Annotating images by harnessing worldwide user-tagged photos", in 2009 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, VOLS 1- 8, PROCEEDINGS, 2009, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 978-1-4244-2353-8, ISSN 1520-6149, pages 3717–3720. Xirong Li, Cees G. M. Snoek, Marcel Worring.

281. "Improving image annotation via useful representative feature selection". COGNITIVE PROCESSING, volume 10, number 3, AUG 2009, pages 233–242. ISSN 1612-4782, doi: 10.1007/s10339-008-0247-6. Wei-Chao Lin, Michael Oakes, John Tait, Chih-Fong Tsai.

280. "Empirical comparison of automatic image annotation systems", in 2008 FIRST INTERNATIONAL WORKSHOPS ON IMAGE PROCESSING THEORY, TOOLS AND APPLICATIONS (IPTA), 2008, ISBN 978-1-4244-3321-6, pages 114–121. M. Maher Ben Ismail, Hichem Frigui, Joshua Caudill.

279. "Human-android interaction in the near and distant future". PERSPECTIVES ON PSYCHOLOGICAL SCIENCE, volume 4, number 4, JUL 2009, pages 429–434. ISSN 1745-6916. Neal J. Roese, Eyal Amir.

278. "Large scale learning and recognition of faces in web videos", in 2008 8TH IEEE INTERNATIONAL CONFERENCE ON AUTOMATIC FACE & GESTURE RECOGNITION (FG 2008), VOLS 1 AND 2, 2008, ISBN 978-1-4244-2153-4, pages 901–907. Ming Zhao, Jay Yagnik, Hartwig Adam, David Bau.

277. "Learning color names for real-world applications". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 18, number 7, JUL 2009, pages 1512–1523. ISSN 1057-7149, doi:10.1109/ TIP.2009.2019809. Joost van de Weijer, Cordelia Schmid, Jakob Verbeek, Diane Larlus.

276. "Hybrid tagging and browsing approaches for efficient manual image annotation". IEEE MULTIMEDIA, volume 16, number 2, APR-JUN 2009, pages 26–41. ISSN 1070-986X. Rong Yan, Apostol Natsev, Murray Campbell.

275. "Enhanced max margin learning on multimodal data mining in a multimedia database", in KDD-2007 PROCEEDINGS OF THE THIRTEENTH ACM SIGKDD INTERNATIONAL CONFERENCE ON KNOWLEDGE DISCOVERY AND DATA MINING, (Edited by P Berkhin, R Caruana, X Wu, S Gaffney), 2007, ISBN 978-1-59593-609-7, pages 340–349. Zhen Guo, Zhongfei (Mark) Zhang, Eric P. Xing, Christos Faloutsos.

274. "A knowledge framework for histogram-based image retrieval", in IMECS 2009: INTERNATIONAL MULTI-CONFERENCE OF ENGINEERS AND COMPUTER SCIENTISTS, VOLS I AND II, (Edited by O Castillo, C Douglas, DD Feng, JA Lee), 2009, Lecture Notes in Engineering and Computer Science, ISBN 978-988-17012-2-0, pages 805–810. R. C. F. Wong, C. H. C. Leung.

273. "The sparse image representation for automated image retrieval", in 2008 15TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1-5, 2008, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-1765-0, ISSN 1522-4880, pages 25–28. Pavel Praks, Radek Kucera, Ebroul Izquierdo.

272. "Object discovery in high-resolution remote sensing images: a semantic perspective". KNOWLEDGE AND INFORMATION SYSTEMS, volume 19, number 2, MAY 2009, pages 211–233. ISSN 0219-1377, doi:10.1007/s10115-008-0160-4. Dihua Guo, Hui Xiong, Vijayalakshmi Atluri, Nabil R. Adam. 11th Pacific-Asia Conference on Knowledge Discovery and Data Mining, Nanjing, PEOPLES R CHINA, MAY 22-25, 2007-5007.

271. "Exploiting visual concepts to improve text-based image retrieval", in ADVANCES IN INFORMATION RETRIEVAL, PROCEEDINGS, (Edited by M Boughanem, C Berrut, J Mothe, C SouleDupuy), 2009, volume 5478 of Lecture Notes in Computer Science, ISBN 978-3-642-00957-0, ISSN 0302-9743, pages 701–705. Sabrina Tollari, Marcin Detyniecki, Christophe Marsala, Ali Fakeri-Tabrizi, Massih-Reza Amini, Patrick Gallinari.

270. "Using second order statistics to enhance automated image annotation", in ADVANCES IN INFORMATION RETRIEVAL, PROCEEDINGS, (Edited by M Boughanem, C Berrut, J Mothe, C SouleDupuy), 2009, volume 5478 of Lecture Notes in Computer Science, ISBN 978-3-642-00957-0, ISSN 0302-9743, pages 570–577. Ainhoa Llorente, Stefan Rueger.

269. "Acquiring linguistic argument structure from multimodal input using attentive focus", in 2008 IEEE 7TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND LEARNING, 2008, IEEE International Conference on Development and Learning, ISBN 978-1-4244-2661-4, pages 43–48, doi: 10.1109/DEVLRN.2008.4640803. G. Satish, Amitabha Mukerjee.

268. "Learning to recommend tags for on-line photos", in <u>SOCIAL COMPUTING AND BEHAVIORAL MODELING</u>, (Edited by H Liu, H Liu, JJ Salerno, MJ Young), 2009, ISBN 978-1-4419-0055-5, pages 227–235, doi:10.1007/978-1-4419-0056-2_29. Zheshen Wang, Baoxin Li.

267. "Hanolistic: A hierarchical automatic image annotation system using holistic approach", in <u>23RD INTERNATIONAL SYMPOSIUM ON COMPUTER AND INFORMATION SCIENCES</u>, 2008, ISBN 978-1-4244-2880-9, pages 156–161. Ozge Oztimur, Fatos T. Yarman Vural.

266. "On segmentation evaluation metrics and region counts", in <u>19TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, VOLS 1-6</u>, 2008, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 978-1-4244-2174-9, ISSN 1051-4651, pages 1566–1569. Allan Hanbury, Julian Stoettinger.

265. "Semantic matching and annotation of images by self-organizing maps". <u>INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL</u>, volume 5, number 3, MAR 2009, pages 677–688. ISSN 1349-4198. Hsin-Chang Yang, Chung-Hong Lee.

264. "Classification and automatic annotation extension of images using bayesian network", in <u>STRUCTURAL, SYNTACTIC, AND STATISTICAL PATTERN RECOGNITION</u>, (Edited by N DaVitoria Lobo, T Kasparis, F Roli, JT Kwok, M Georgiopoulos, GC Anagnostopoulos, M Loog), 2008, volume 5342 of Lecture Notes in Computer Science, ISBN 978-3-540-89688-3, ISSN 0302-9743, pages 937–946. Sabine Barrat, Salvatore Tabbone.

263. "Visual word proximity and linguistics for semantic video indexing and near-duplicate retrieval". <u>COMPUTER VISION AND IMAGE UNDERSTANDING</u>, volume 113, number 3, MAR 2009, pages 405–414. ISSN 1077-3142, doi:10.1016/j.cviu.2008.10.002. Yu-Gang Jiang, Chong-Wah Ngo.

262. "Image annotation with parametric mixture model based multi-class multi-labeling", in <u>2008 IEEE 10TH WORKSHOP ON MULTIMEDIA SIGNAL PROCESSING, VOLS 1 AND 2</u>, 2008, ISBN 978-1-4244-2294-4, pages 638–643. Zhiyong Wang, Wan-Chi Siu, Dagan Feng.

261. "Measuring semantic similarity between concepts in visual domain", in <u>2008 IEEE 10TH WORKSHOP ON MULTIMEDIA SIGNAL PROCESSING, VOLS 1 AND 2</u>, 2008, ISBN 978-1-4244-2294-4, pages 632–637. Zhiyong Wang, Genliang Guan, Jiajun Wang, Dagan Feng.

260. "Crossing textual and visual content in different application scenarios". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 42, number 1, MAR 2009, pages 31–56. ISSN 1380-7501, doi: 10.1007/s11042-008-0246-8. Julien Ah-Pine, Marco Bressan, Stephane Clinchant, Gabriela Csurka, Yves Hoppenot, Jean-Michel Renders.

259. "Bayesian inference on changes in response densities over predictor clusters". <u>JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION</u>, volume 103, number 484, DEC 2008, pages 1508–1517. ISSN 0162-1459, doi:10.1198/016214508000001039. David B. Dunson, Amy H. Herring, Anna Maria Siega-Riz.

258. "Scalable medical image understanding by fusing cross-modal object recognition with formal domain semantics", in <u>BIOMEDICAL ENGINEERING SYSTEMS AND TECHNOLOGIES</u>, (Edited by A Fred, J Filipe, H Gamboa), 2008, volume 25 of COMMUNICATIONS IN COMPUTER AND INFORMATION SCIENCE, ISBN 978-3-540-92218-6, ISSN 1865-0929, pages 390–401. Manuel Moeller, Michael Sintek, Paul Buitelaar, Saikat Mukherjee, Xiang Sean Zhou, Joerg Freund.

257. "Morphological segmentation on learned boundaries". <u>IMAGE AND VISION COMPUTING</u>, volume 27, number 4, MAR 3 2009, pages 480–488. ISSN 0262-8856, doi:10.1016/j.imavis.2008.06.012. Allan Hanbury, Beatriz Marcotegui.

256. "Effective annotation and search for video blogs with integration of context and content analysis". <u>IEEE TRANSACTIONS ON MULTIMEDIA</u>, volume 11, number 2, FEB 2009, pages 272–285. ISSN 1520-9210, doi:10.1109/TMM.2008.2009689. Xiaoyu Zhang, Changsheng Xu, Jian Cheng, Hanqing Lu, Songde Ma.

255. "Using visual context and region semantics for high-level concept detection". <u>IEEE TRANSACTIONS ON MULTIMEDIA</u>, volume 11, number 2, FEB 2009, pages 229–243. ISSN 1520-9210, doi:10.1109/TMM.2008.2009681. Phivos Mylonas, Evaggelos Spyrou, Yannis Avrithis, Stefanos Kollias.

254. "Image annotation within the context of personal photo collections using hierarchical event and scene models". <u>IEEE TRANSACTIONS ON MULTIMEDIA</u>, volume 11, number 2, SI, FEB 2009, pages 208–219. ISSN 1520-9210, doi:10.1109/TMM.2008.2009693. Liangliang Cao, Jiebo Luo, Henry Kautz, Thomas S. Huang.

253. "The aspect bernoulli model: multiple causes of presences and absences". <u>PATTERN ANALYSIS AND APPLICATIONS</u>, volume 12, number 1, FEB 2009, pages 55–78. ISSN 1433-7541, doi:10.1007/s10044-007-0096-4. Ella Bingham, Ata Kaban, Mikael Fortelius.

252. "The sparse image representation for automated image retrieval", in <u>2008 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, PROCEEDINGS</u>, 2008, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-1764-3, ISSN 1522-4880, pages 25–28. Pavel Praks, Radek Kucera, Ebroul Izquierdo.

251. "Web-scale image annotation", in <u>Advances in Multimedia Information Processing - PCM 2008, 9th Pacific Rim Conference on Multimedia</u>, (Edited by YMR Huang, C Xu, KS Cheng, JFK Yang, MNS Swamy, S Li, JW Ding), 2008, volume 5353 of Lecture Notes in Computer Science, ISBN 978-3-540-89795-8, ISSN 0302-9743, pages 663–674. Jiakai Liu, Rong Hu, Meihong Wang, Yi Wang, Edward Y. Chang.

250. "Content-based video search: is there a need, and is it possible?", in <u>2008 INTERNATIONAL WORKSHOP ON INFORMATION-EXPLOSION AND NEXT GENERATION SEARCH : INGS 2008, PROCEEDINGS</u>, (Edited by Y Ishikawa, M Kitsuregawa, K Tanaka), 2008, ISBN 978-0-7695-3300-1, pages 12–19, doi:10.1109/INGS.2008.16. Zi Huang, Yijun Li, Jie Shao, Heng Tao Shen, Liping Wang, Danqing Zhang, Xiangmin Zhou, Xiaofang Zhou.

249. "A web-based game for collecting music metadata". <u>JOURNAL OF NEW MUSIC RESEARCH</u>, volume 37, number 2, 2008, pages 151–165. ISSN 0929-8215, doi:10.1080/09298210802479300. Michael I. Mandel, Daniel P. W. Ellis.

248. "Combining global, regional and contextual features for automatic image annotation". <u>PATTERN RECOGNITION</u>, volume 42, number 2, FEB 2009, pages 259–266. ISSN 0031-3203, doi:10.1016/j.patcog.2008.05.010. Yong Wang, Tao Mei, Shaogang Gong, Xian-Sheng Hua.

247. "Multi-modal multi-label semantic indexing of images using unlabeled data", in <u>ALPIT 2008: SEVENTH INTERNATIONAL CONFERENCE ON ADVANCED LANGUAGE PROCESSING AND WEB INFORMATION TECHNOLOGY, PROCEEDINGS</u>, (Edited by M Sun, CY Ock, JY Byun, YD Bi, HF Lin), 2008, ISBN 978-0-7695-3273-8, pages 204–209, doi:10.1109/ALPIT.2008.107. Wei Li, Maosong Sun.

246. "Scene segmentation using the wisdom of crowds", in <u>COMPUTER VISION - ECCV 2008, PT II, PROCEEDINGS</u>, (Edited by D Forsyth, P Torr, A Zisserman), 2008, volume 5303 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-88685-3, ISSN 0302-9743, pages 541–553. Ian Simon, Steven M. Seitz.

245. "Improving people search using query expansions how friends help to find people", in <u>COMPUTER VISION - ECCV 2008, PT II, PROCEEDINGS</u>, (Edited by D Forsyth, P Torr, A Zisserman), 2008, volume 5303 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-88685-3, ISSN 0302-9743, pages 86–99. Thomas Mensink, Jakob Verbeek.

244. "Beyond nouns: Exploiting prepositions and comparative adjectives for learning visual classifiers", in <u>COMPUTER VISION - ECCV 2008, PT I, PROCEEDINGS</u>, (Edited by D Forsyth, P Torr, A Zisserman), 2008, volume 5302 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-88681-5, ISSN 0302-9743, pages 16–29. Abhinav Gupta, Larry S. Davis.

243. "Cosmoroe: a cross-media relations framework for modelling multimedia dialectics". MULTIMEDIA SYSTEMS, volume 14, number 5, NOV 2008, pages 299–323. ISSN 0942-4962, doi:10.1007/s00530-008-0142-0. Katerina Pastra.

242. "Computing iconic summaries of general visual concepts", in 2008 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS, VOLS 1-3, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2339-2, ISSN 1063-6919, pages 69–76. Rahul Raguram, Svetlana Lazebnik.

241. "Watch, listen & learn: Co-training on captioned images and videos", in MACHINE LEARNING AND KNOWLEDGE DISCOVERY IN DATABASES, PART I, PROCEEDINGS, (Edited by W Daelemans, B Goethals, K Morik), 2008, volume 5211 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 978-3-540-87478-2, ISSN 0302-9743, pages 457–472. Sonal Gupta, JoohYun Kim, Kristen Grauman, Raymond Mooney.

240. "A survey of methods for image annotation". JOURNAL OF VISUAL LANGUAGES AND COMPUTING, volume 19, number 5, OCT 2008, pages 617–627. ISSN 1045-926X, doi:10.1016/j.jvlc.2008.01.002. Allan Hanbury.

239. "Finding trails", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 3706–3713. Scott Morris, Kobus Barnard.

238. "Object image retrieval by exploiting online knowledge resources", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 3698–3705. Gang Wang, David Forsyth.

237. "Small codes and large image databases for recognition", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 2269–2276. Antonio Torralba, Rob Fergus, Yair Weiss.

236. "Unsupervised discovery of visual object class hierarchies", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 2182–2189. Josef Sivic, Bryan C. Russell, Andrew Zisserman, William T. Freeman, Alexei A. Efros.

235. "Automatic face naming with caption-based supervision", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 2030–2037. Matthieu Guillaumin, Thomas Mensink, Jakob Verbeek, Cordelia Schmid.

234. "Geo-located image analysis using latent representations", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 381–388. M. Cristani, A. Perina, U. Castellani, V. Murino.

233. "Coherent image annotation by learning semantic distance", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE

COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 349–356. Tao Mei, Yong Wang, Xian-Sheng Hua, Shaogang Gong, Shipeng Li.

232. "Annotating collections of photos using hierarchical event and scene models", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 317–324. Liangliang Cao, Jiebo Luo, Henry Kautz, Thomas S. Huang.

231. "Correlational spectral clustering", in 2008 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-12, 2008, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-2242-5, ISSN 1063-6919, pages 93–100. Matthew B. Blaschko, Christoph H. Lampert.

230. "An enhanced system for pattern recognition and summarisation of multi-band satellite images", in ICEIS 2008: PROCEEDINGS OF THE TENTH INTERNATIONAL CONFERENCE ON ENTERPRISE INFORMATION SYSTEMS, VOL AIDSS: ARTIFICIAL INTELLIGENCE AND DECISION SUPPORT SYSTEMS, (Edited by J Cordeiro, J Filipe), 2008, ISBN 978-989-8111-37-1, pages 5–10. Hema Nair.

229. "Learning visual entities and their visual attributes from text corpora", in DEXA 2008: 19TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, PROCEEDINGS, (Edited by AM Tjoa, RR Wagner), 2008, International Workshop on Database and Expert Systems Applications - DEXA, ISBN 978-0-7695-3299-8, ISSN 1529-4188, pages 48–53. Erik Boiy, Koen Deschacht, Marie-Francine Moens.

228. "Multi-class segmentation with relative location prior". INTERNATIONAL JOURNAL OF COMPUTER VISION, volume 80, number 3, DEC 2008, pages 300–316. ISSN 0920-5691, doi: 10.1007/s11263-008-0140-x. Stephen Gould, Jim Rodgers, David Cohen, Gal Elidan, Daphne Koller.

227. "Modeling image data for effective indexing and retrieval in large general image databases". IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, volume 20, number 11, NOV 2008, pages 1566–1580. ISSN 1041-4347, doi:10.1109/TKDE.2008.56. Xiaoyan Li, Lidan Shou, Gang Chen, Tianlei Hu, Jinxiang Dong.

226. "Inferring semantics from textual information in multimedia retrieval". NEUROCOMPUTING, volume 71, number 13-15, AUG 2008, pages 2576–2586. ISSN 0925-2312, doi:10.1016/j.neucom.2008.01.029. Mats Sjoberg, Jorma Laaksonen, Timo Honkela, Matti Polla.

225. "80 million tiny images: A large data set for nonparametric object and scene recognition". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1958–1970. ISSN 0162-8828, doi:10.1109/TPAMI.2008.128. Antonio Torralba, Rob Fergus, William T. Freeman.

224. "Automatic semantic annotation of real-world web images". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1933–1944. ISSN 0162-8828, doi:10.1109/TPAMI.2008.125. R. C. F. Wong, C. H. C. Leung.

223. "Annotating images by mining image search results". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1919–1932. ISSN 0162-8828, doi:10.1109/TPAMI.2008.127. Xin-Jing Wang, Lei Zhang, Xirong Li, Wei-Ying Ma.

222. "Localized content-based image retrieval". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1902–1912. ISSN 0162-8828, doi:10.1109/TPAMI.2008.112. Rouhollah Rahmani, Sally A. Goldman, Hui Zhang, Sharath R. Cholleti, Jason E. Fritts.

221. "Real adaboost for large vocabulary image classification", in <u>2008 INTERNATIONAL WORKSHOP ON CONTENT-BASED MULTIMEDIA INDEXING</u>, 2008, ISBN 978-1-4244-2043-8, pages 176–183. Wei-Chao Lin, Michael Oakes, John Tait.

220. "Ontology based viso-semantic similarity for image retrieval", in <u>2008 INTERNATIONAL WORKSHOP ON CONTENT-BASED MULTIMEDIA INDEXING</u>, 2008, ISBN 978-1-4244-2043-8, pages 54–60. Claudio Andreatta.

219. "Integrating multi-modal content analysis and hyperbolic visualization for large-scale news video retrieval and exploration". <u>SIGNAL PROCESSING-IMAGE COMMUNICATION</u>, volume 23, number 7, AUG 2008, pages 538–553. ISSN 0923-5965, doi:10.1016/j.image.2008.04.014. H. Luo, J. Fan, S. Satoh, J. Yang, W. Ribarsky.

218. "Image indexing and retrieval using an art-2a neural network architecture". <u>INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND TECHNOLOGY</u>, volume 18, number 2-3, 2008, pages 202–208. ISSN 0899-9457, doi:10.1002/ima.20149. Rodrigo Fernandes de Mello, Josiane Maria Bueno, Luciano Jose Senger, Laurence T. Yang.

217. "Searching for digital images on the web". <u>JOURNAL OF DOCUMENTATION</u>, volume 64, number 1, 2008, pages 81–101. ISSN 0022-0418, doi:10.1108/00220410810844169. Bernard J. Jansen.

216. "The evolution of visual information retrieval". <u>JOURNAL OF INFORMATION SCIENCE</u>, volume 34, number 4, AUG 2008, pages 531–546. ISSN 0165-5515, doi:10.1177/0165551508091013. Peter Enser.

215. "Automatic image annotation with relevance feedback and latent semantic analysis", in <u>ADAPTIVE MULTIMEDIAL RETRIEVAL: RETRIEVAL, USER, AND SEMANTICS</u>, (Edited by N Boujemaa, M Detyniecki, A Nurnberger), 2008, volume 4918 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-79859-0, ISSN 0302-9743, pages 71–84. Donn Morrison, Stephane Marchand-Maillet, Eric Bruno.

214. "Sensitivity analysis of mapping local image features into conceptual categories". <u>LIBRARY HI TECH</u>, volume 26, number 2, 2008, pages 255–273. ISSN 0737-8831, doi:10.1108/07378830810880351. Chih-Fong Tsai, David C. Yen.

213. "Automatic medical image annotation and retrieval". <u>NEUROCOMPUTING</u>, volume 71, number 10-12, JUN 2008, pages 2012–2022. ISSN 0925-2312, doi:10.1016/j.neucom.2007.10.021. Jian Yao, Zhongfei (Mark) Zhang, Sameer Antani, Rodney Long, George Thoma.

212. "Learning visual compound models from parallel image-text datasets", in <u>PATTERN RECOGNITION</u>, (Edited by G Rigoll), 2008, volume 5096 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-69320-8, ISSN 0302-9743, pages 486–496. Jan Moringen, Sven Wachsmuth, Sven Dickinson, Suzanne Stevenson.

211. "Comparing local feature descriptors in plsa-based image models", in <u>PATTERN RECOGNITION</u>, (Edited by G Rigoll), 2008, volume 5096 of Lecture Notes in Computer Science, ISBN 978-3-540-69320-8, ISSN 0302-9743, pages 446–455. Eva Hoerster, Thomas Greif, Rainer Lienhart, Malcolm Slaney.

210. "Medical image understanding through the integration of cross-modal object recognition with formal domain knowledge", in <u>HEALTHINF 2008: PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON HEALTH INFORMATICS, VOL 1</u>, (Edited by L Azevedo, AR Londral), 2008, ISBN 978-989-8111-16-6, pages 134–141. Saikat Mukherjee, Xiang Sean Zhou, Joerg Freund.

209. "Learning - unlearning eo for mining high resolution images", in <u>IGARSS: 2007 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM, VOLS 1-12: SENSING AND UNDERSTANDING OUR PLANET</u>, 2007, IEEE International Symposium on Geoscience and Remote Sensing IGARSS, ISBN 978-1-4244-1211-2, pages 4761–4764. Mihai Costache, Mihai Datcu.

208. "Image retrieval: Ideas, influences, and trends of the new age". ACM COMPUTING SURVEYS, volume 40, number 2. ISSN 0360-0300, doi:10.1145/1348246.1348248. Ritendra Datta, Dhiraj Joshi, Jia Li, James Z. Wang.

207. "Universal and adapted vocabularies for generic visual categorization". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 7, JUL 2008, pages 1243–1256. ISSN 0162-8828, doi:10.1109/TPAMI.2007.70755. Florent Perronnin.

206. "A novel approach to personal photo album representation and management - art. no. 682007", in MULTIMEDIA CONTENT ACCESS: ALGORITHMS AND SYSTEMS II, (Edited by T Gevers, RC Jain, S Santini), 2008, volume 6820 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6992-2, ISSN 0277-786X, page 82007, doi:10.1117/12.766803. Edoardo Ardizzone, Marco La Caskia, Filippo Vella.

205. "Exploring the relationships of regions for visual content understanding - art. no. 68220g", in VISUAL COMMUNICATIONS AND IMAGE PROCESSING 2008, PTS 1 AND 2, (Edited by WA Pearlman, JW Woods, L Lu), 2008, volume 6822 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6994-6, ISSN 0277-786X, page G8220, doi:10.1117/12.766068. Ting Liu, Weiqiang Wang, Yonghong Tian, Tiejun Huang.

204. "A system that learns to tag videos by watching youtube", in COMPUTER VISION SYSTEMS, PROCEEDINGS, (Edited by A Gasteratos, M Vincze, JK Tsotsos), 2008, volume 5008 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-79546-9, ISSN 0302-9743, pages 415–424. Adrian Ulges, Christian Schulze, Daniel Keysers, Thomas M. Breuel.

203. "Harvesting image databases from the web", in 2007 IEEE 11TH INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1-6, 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 2120–2127. F. Schroff, A. Criminisi, A. Zisserman.

202. "People-lda: Anchoring topics to people using face recognition", in 2007 IEEE 11TH INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1-6, 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 1775–1782. Vidit Jain, Erik Learned-Miller, Andrew McCallum.

201. "Learning multiscale representations of natural scenes using dirichlet processes", in 2007 IEEE 11TH INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1-6, 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 329–336. Jyri J. Kivinen, Erik B. Sudderth, Michael I. Jordan.

200. "Scene summarization for online image collections", in 2007 IEEE 11TH INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1-6, 2007, IEEE International Conference on Computer Vision, ISBN 978-1-4244-1630-1, ISSN 1550-5499, pages 274–281. Ian Simon, Noah Snavely, Steven M. Seitz.

199. "Unsupervised learning of individuals and categories from images". NEURAL COMPUTATION, volume 20, number 5, MAY 2008, pages 1165–1178. ISSN 0899-7667, doi:10.1162/neco.2008.03-07-493. Stephen Waydo, Christof Koch.

198. "Real-time computerized annotation of pictures". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 6, JUN 2008, pages 985–1002. ISSN 0162-8828, doi:10.1109/TPAMI.2007.70847. Jia Li, James Z. Wang.

197. "Finding the best picture: Cross-media retrieval of content", in ADVANCES IN INFORMATION RETRIEVAL, (Edited by C Macdonald, I Ounis, V Plachouras, I Ruthven, RW White), 2008, volume 4956 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-78645-0, ISSN 0302-9743, pages 539–546. Koen Deschacht, Marie-Francine Moens.

196. "Semantic relationships in multi-modal graphs for automatic image annotation", in <u>ADVANCES IN INFORMATION RETRIEVAL</u>, (Edited by C Macdonald, I Ounis, V Plachouras, I Ruthven, RW White), 2008, volume 4956 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-78645-0, ISSN 0302-9743, pages 490–497. Vassilios Stathopoulos, Jana Urban, Joemon Jose.

195. "Efficient visual search for objects in videos". <u>PROCEEDINGS OF THE IEEE</u>, volume 96, number 4, APR 2008, pages 548–566. ISSN 0018-9219, doi:10.1109/JPROC.2008.916343. Josef Sivic, Andrew Zisserman.

194. "A cross-modal system for cell migration image annotation and retrieval", in <u>2007 IEEE INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS, VOLS 1-6</u>, 2007, IEEE International Joint Conference on Neural Networks (IJCNN), ISBN 978-1-4244-1379-9, ISSN 1098-7576, pages 1738–1743, doi:10.1109/IJCNN.2007.4371220. Chaoxin Zheng, Aideen Long, Yuri Volkov, Anthony Davies, Dermot Kelleher, Khurshid Ahmad.

193. "Journalist robot: Robot system making news articles from real world", in <u>2007 IEEE/RSJ INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS, VOLS 1-9</u>, 2007, ISBN 978-1-4244-0911-2, pages 1240–1247. Rie Matsumoto, Hideki Nakayama, Tatsuya Harada, Yasuo Kuniyoshi.

192. "Hunt the cluster: a scalable, interactive time bayesian image browser for p2p networks", in <u>ISM WORKSHOPS 2007: NINTH IEEE INTERNATIONAL SYMPOSIUM ON MULTIMEDIA - WORKSHOPS, PROCEEDINGS</u>, 2007, IEEE International Symposium on Multimedia-ISM, ISBN 978-0-7695-3084-0, pages 317–322, doi:10.1109/ISM.Workshops.2007.60. Wolfgang Mueller, Soufyane El Allah, Daniel Blank, Andreas Henrich, Thomas Lauterbach.

191. "Comparing lda with plsi as a dimensionality reduction method in document clustering", in <u>LARGE-SCALE KNOWLEDGE RESOURCES: CONSTRUCTION AND APPLICATION</u>, (Edited by T Tokunaga, A Ortega), 2008, volume 4938 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 978-3-540-78158-5, ISSN 0302-9743, pages 13–26, doi:10.1007/978-3-540-78159-2_2. Tomonari Masada, Senya Kiyasu, Sueharu Miyahara.

190. "Model for automatic text classification and categorization for image indexing and retrieval", in <u>2007 INTERNATIONAL CONFERENCE ON INTELLIGENT PERVASIVE COMPUTING, PROCEEDINGS</u>, 2007, ISBN 978-0-7695-3006-2, pages 333–340, doi:10.1109/IPC.2007.41. Rodrigo Fernandes de Mello, Josiane Maria Bueno, Luciano Jose Senger, Laurence T. Yang.

189. "Describing visual scenes using transformed objects and parts". <u>INTERNATIONAL JOURNAL OF COMPUTER VISION</u>, volume 77, number 1-3, MAY 2008, pages 291–330. ISSN 0920-5691, doi: 10.1007/s11263-007-0069-5. Erik B. Sudderth, Antonio Torralba, William T. Freeman, Alan S. Willsky.

188. "Evaluation of localized semantics: Data, methodology, and experiments". <u>INTERNATIONAL JOURNAL OF COMPUTER VISION</u>, volume 77, number 1-3, MAY 2008, pages 199–217. ISSN 0920-5691, doi:10.1007/s11263-007-0068-6. Kobus Barnard, Quanfu Fan, Ranjini Swaminathan, Anthony Hoogs, Roderic Collins, Pascale Rondot, John Kaufhold.

187. "Boosting of maximal figure of merit classifiers for automatic image annotation", in <u>2007 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1-7</u>, 2007, IEEE International Conference on Image Processing ICIP, ISBN 978-1-4244-1436-9, ISSN 1522-4880, pages 781–784. Filippo Vella, Chin-Hui Lee, Salvatore Gaglio.

186. "Concept constrained image region annotation", in <u>2007 IEEE NINTH WORKSHOP ON MULTIMEDIA SIGNAL PROCESSING</u>, 2007, ISBN 978-1-4244-1273-0, pages 231–234, doi:10.1109/MMSP.2007.4412860. Zhiyong Wang, Kelly Lam, Li Zhuo, David D. Feng.

185. "Salience-based evaluation strategy for image annotation", in <u>CIS: 2007 INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND SECURITY, PROCEEDINGS</u>,

(Edited by Y Wang, YM Cheung, Q Zhang, PSP Wang), 2007, ISBN 978-0-7695-3072-7, pages 381–385. Yong Ge, Jishang Wei, Xin Yang, Xiuqing Wu.

184. "Language label learning for visual concepts discovered from video sequences", in <u>ATTENTION IN COGNITIVE SYSTEMS: THEORIES AND SYSTEMS FROM AN INTERDISCIPLINARY VIEWPOINT</u>, (Edited by L Paletta, E Rome), 2007, volume 4840 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 978-3-540-77342-9, ISSN 0302-9743, pages 91–105. Prithwijit Guha, Amitabha Mukerjee.

183. "On the scalability and adaptability for multimodal retrieval and annotation", in <u>14TH INTERNATIONAL CONFERENCE ON IMAGE ANALYSIS AND PROCESSING WORKSHOPS, PROCEEDINGS</u>, 2007, ISBN 978-0-7695-2921-9, pages 39–44, doi:10.1109/ICIAPW.2007.35. Z. Zhang, Z. Guo, C. Faloutsos, E. P. Xing, J. Y. Pan.

182. "Multi-modal multi-label semantic indexing of images based on hybrid ensemble learning", in <u>ADVANCES IN MULTIMEDIA INFORMATION PROCESSING - PCM 2007</u>, (Edited by HHS Ip, OC Au, H Leung, MT Sun, WY Ma, SM Hu), 2007, volume 4810 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-77254-5, ISSN 0302-9743, pages 744–754. Wei Li, Maosong Sun, Christopher Habel.

181. "Understanding visual-auditory correlation from heterogeneous features for cross-media retrieval". <u>JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A</u>, volume 9, number 2, FEB 2008, pages 241–249. ISSN 1673-565X, doi:10.1631/jzus.A071191. Hong Zhang, Yan-yun Wang, Hong Pan, Fei Wu.

180. "Mining multilevel image semantics via hierarchical classification". <u>IEEE TRANSACTIONS ON MULTIMEDIA</u>, volume 10, number 2, FEB 2008, pages 167–187. ISSN 1520-9210, doi:10.1109/TMM.2007.911775. Jianping Fan, Yuli Gao, Hangzai Luo, Ramesh Jain.

179. "Analysing image-text relations for semantic media adaptation and personalisation", in <u>SECOND INTERNATIONAL WORKSHOP ON SEMANTIC MEDIA ADAPTATION AND PERSONALIZATION, PROCEEDINGS</u>, (Edited by P Mylonas, M Wallace, M Angelides), 2007, ISBN 978-0-7695-3040-6, pages 181–186, doi:10.1109/SMAP.2007.43. Mark Hughes, Andrew Salway, Gareth Jones, Noel O'Connor.

178. "Hidden maximum entropy approach for visual concept modeling", in <u>2007 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-5</u>, 2007, ISBN 978-1-4244-1016-3, pages 1387–1390. Sheng Gao, Joo-Hwee Lim, Qibin Sun.

177. "A max margin framework on image annotation and multimodal image retrieval", in <u>2007 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXPO, VOLS 1-5</u>, 2007, ISBN 978-1-4244-1016-3, pages 504–507. Zhen Guo, Zhongfei (Mark) Zhang, Eric P. Xing, Christos Faloutsos.

176. "A study of vocabularies for image annotation", in <u>SEMANTIC MULTIMEDIA, PROCEEDINGS</u>, (Edited by B Falcidieno, M Spagnuolo, Y Avrithis, I Kompatsiaris, P Buitelaar), 2007, volume 4816 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-77033-6, ISSN 0302-9743, pages 284–287. Allan Hanbury.

175. "Document layout substructure discovery", in <u>SEMANTIC MULTIMEDIA, PROCEEDINGS</u>, (Edited by B Falcidieno, M Spagnuolo, Y Avrithis, I Kompatsiaris, P Buitelaar), 2007, volume 4816 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-77033-6, ISSN 0302-9743, pages 268–271. Claudio Andreatta.

174. "Hierarchical long-term learning for automatic image annotation", in <u>SEMANTIC MULTIMEDIA, PROCEEDINGS</u>, (Edited by B Falcidieno, M Spagnuolo, Y Avrithis, I Kompatsiaris, P Buitelaar), 2007, volume 4816 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-77033-6, ISSN 0302-9743, pages 28–40. Donn Morrison, Stphane Marchand-Maillet, Eric Bruno.

173. "Collaterally cued labelling framework underpinning semantic-level visual content descriptor", in ADVANCES IN VISUAL INFORMATION SYSTEMS, (Edited by GP Qiu, C Leung, XY Xue, R Laurini), 2007, volume 4781 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-76413-7, ISSN 0302-9743, pages 379–390. Meng Zhu, Atta Badii.

172. "Deriving a priori co-occurrence probability estimates for object recognition from social networks and text processing", in ADVANCES IN VISUAL COMPUTING, PROCEEDINGS, PT 2, (Edited by G Bebis, R Boyle, B Parvin, D Koracin, N Paragios, SM Tanveer, T Ju, Z Liu, S Coquillart, C CruzNeira, T Muller, T Malzbender), 2007, volume 4842 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-76855-5, ISSN 0302-9743, pages 509–518. Guillaume Pitel, Christophe Millet, Gregory Grefenstette.

171. "Use of adaptive still image descriptors for annotation of video frames", in IMAGE ANALYSIS AND RECOGNITION, PROCEEDINGS, (Edited by M Kamel, A Campilho), 2007, volume 4633 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-74258-6, ISSN 0302-9743, pages 686–697. Andrea Kutics, Akihiko Nakagawa, Kazuhiro Shindoh.

170. "The story picturing engine-a system for automatic text illustration". ACM TRANSACTIONS ON MULTIMEDIA COMPUTING COMMUNICATIONS AND APPLICATIONS, volume 2, number 1, FEB 2006, pages 68–89. ISSN 1551-6857, doi:10.1145/1126004.1126008. Dhiraj Joshi, James Z. Wang, Jia Li.

169. "Mining the web for appearance description", in Database and Expert Systems Applications, Proceedings, (Edited by R Wagner, N Revell, G Pernul), 2007, volume 4653 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-74467-2, ISSN 0302-9743, pages 790–800. Shun Hattori, Taro Tezuka, Katsumi Tanaka.

168. "Application of bayesian inference to automatic semantic annotation of videos", in Model-Based Reasoning in Science, Technology, and Medicine, (Edited by L Magnani, P Li), 2007, volume 64 of STUDIES IN COMPUTATIONAL INTELLIGENCE, ISBN 978-3-540-71985-4, ISSN 1860-949X, pages 447–466. Fangshi Wang, De Xu, Hongli Xu, Wei Lu, Weixin Wu.

167. "Visual image retrieval". ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY, volume 42, 2008, pages 3–42. ISSN 0066-4200. Peter G. B. Enser.

166. "Fusing local image descriptors for large-scale image retrieval", in 2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8, 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 3664–3671. Eva Hoerster, Rainer Lienhart.

165. "Automatic image annotation by ensemble of visual descriptors", in 2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8, 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 3620–3627. Emre Akbas, Fatos T. Yarman Vural.

164. "Reducing correspondence ambiguity in loosely labeled training data", in 2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8, 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 1946–1953. Kobus Barnard, Quanfu Fan.

163. "Learning color names from real-world images", in 2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8, 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 1898–1905. Joost van de Weijer, Cordelia Schmid, Jakob Verbeek.

162. "Learning visual representations using images with captions", in 2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8, 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 1553–1560. Ariadna Quattoni, Michael Collins, Trevor Darrell.

161. "Region classification with markov field aspect models", in 2007 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-8, 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 982–989. Jakob Verbeek, Bill Triggs.

160. "Information fusion techniques for automatic image annotation", in VISAPP 2007: Proceedings of the Second International Conference on Computer Vision Theory and Applications, Volume IU/MTSV, (Edited by AK Ranchordas, H Araujo, J Vitria), 2007, ISBN 978-972-8865-74-0, pages 60–67. Filippo Vella, Chin-Hui Lee.

159. "S-iras: An interactive semantic image retrieval and annotation system". INTERNATIONAL JOURNAL ON SEMANTIC WEB AND INFORMATION SYSTEMS, volume 2, number 3, JUL-SEP 2006, pages 37–54. ISSN 1552-6283, doi:10.4018/jswis.2006070103. Changbo Yang, Ming Dong, Farshad Fotouhi.

158. "A review of text and image retrieval approaches for broadcast news video". INFORMATION RETRIEVAL, volume 10, number 4-5, OCT 2007, pages 445–484. ISSN 1386-4564, doi:10.1007/s10791-007-9031-y. Rong Yan, Alexander G. Hauptmann.

157. "Semantic-associative visual content labelling and retrieval: A multimodal approach". SIGNAL PROCESSING-IMAGE COMMUNICATION, volume 22, number 6, JUL 2007, pages 569–582. ISSN 0923-5965, doi:10.1016/j.image.2007.05.011. Meng Zhu, Atta Badii.

156. "Evaluating the performance in automatic image annotation: Example case by adaptive fusion of global image features". SIGNAL PROCESSING-IMAGE COMMUNICATION, volume 22, number 6, JUL 2007, pages 557–568. ISSN 0923-5965, doi:10.1016/j.image.2007.05.003. Ville Viitaniemi, Jorma Laaksonen.

155. "Combining stochastic block models and mixed membership for statistical network analysis", in STATISTICAL NETWORK ANALYSIS: MODELS, ISSUES, AND NEW DIRECTIONS, (Edited by E Airoldi, DM Blei, SE Fienberg, A Goldenberg, EP Xing, AX Zheng), 2007, volume 4503 of Lecture Notes in Computer Science, ISBN 978-3-540-73132-0, ISSN 0302-9743, pages 57–74. Edoardo M. Airoldi, David M. Blei, Stephen E. Fienberg, Eric P. Xing.

154. "Unsupervised learning of a finite discrete mixture: Applications to texture modeling and image databases summarization". JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, volume 18, number 4, AUG 2007, pages 295–309. ISSN 1047-3203, doi:10.1016/j.jvcir.2007.02.005. Nizar Bouguila, Djemel Ziou.

153. "Modeling semantic aspects for cross-media image indexing". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 29, number 10, OCT 2007, pages 1802–1817. ISSN 0162-8828, doi:10.1109/TPAMI.2007.1097. Florent Monay, Daniel Gatica-Perez.

152. "Evaluating performance of automatic image annotation: Example case by fusing global image features", in 2007 International Workshop on Content-Based Multimedia Indexing, Proceedings, 2007, ISBN 978-1-4244-1010-1, pages 251–258, doi:10.1109/CBMI.2007.385419. Ville Viitaniemi, Jorma Laaksonen.

151. "Multimodal semantic-associative collateral labelling and indexing of still images", in 2007 International Workshop on Content-Based Multimedia Indexing, Proceedings, 2007, ISBN 978-1-4244-1010-1, pages 173–180, doi:10.1109/CBMI.2007.385408. Meng Zhu, Atta Badii.

150. "Capillaroscopy image analysis as an automatic image annotation problem", in 6th International Conference on Computer Information Systems and Industrial Management Applications, Proceedings, (Edited by K Saeed, A Abraham, R Mosdorf), 2007, ISBN 978-0-7695-2894-6, pages 266–271, doi: 10.1109/CISIM.2007.21. Halina Kwasnicka, Mariusz Paradowski.

149. "Measuring concept similarities in multimedia ontologies: Analysis and evaluations". IEEE TRANSACTIONS ON MULTIMEDIA, volume 9, number 5, AUG 2007, pages 912–922. ISSN 1520-9210, doi:10.1109/TMM.2007.900137. Markus Koskela, Alan F. Smeaton, Jorma Laaksonen.

148. "Toward bridging the annotation-retrieval gap in image search". IEEE MULTIMEDIA, volume 14, number 3, JUL-SEP 2007, pages 24–35. ISSN 1070-986X, doi:10.1109/MMUL.2007.67. Ritendra Datta, Weina Ge, Jia Li, James Z. Wang.

147. "A thousand words in a scene". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 29, number 9, SEP 2007, pages 1575–1589. ISSN 0162-8828, doi:10.1109/TPAMI.2007.1155. Pedro Quelhas, Florent Monay, Jean-Marc Odobez, Daniel Gatica-Perez, Tinne Tuytelaars.

146. "Medical-image retrieval based on knowledge-assisted text and image indexing". IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, volume 17, number 7, JUL 2007, pages 889–900. ISSN 1051-8215, doi:10.1109/TCSVT.2007.897114. Caroline Lacoste, Joo-Hwee Lim, Jean-Pierre Chevallet, Thi Hoang Le Diem.

145. "A framework for automated image annotation". COMPUTER SYSTEMS SCIENCE AND ENGINEERING, volume 22, number 1-2, JAN-MAR 2007, pages 15–24. ISSN 0267-6192. L. Wang, L. Khan, B. Thuraisingham.

144. "Image collection organization and its application to indexing, browsing, summarization, and semantic retrieval". IEEE TRANSACTIONS ON MULTIMEDIA, volume 9, number 4, JUN 2007, pages 893–900. ISSN 1520-9210, doi:10.1109/TMM.2007.893349. Mohammed Lamine Kherfi, Djemel Ziou.

143. "Analysis of segment statistics for semantic classification of natural images - art. no. 64920d", in Human Vision and Electronic Imaging XII, (Edited by BE Rogowitz, TN Pappas, SJ Daly), 2007, volume 6492 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 978-0-8194-6605-1, ISSN 0277-786X, page D4920, doi:10.1117/12.716237. Dejan Depalov, Thrasyvoulos N. Pappas.

142. "Semantic feature selection for object discovery in high-resolution remote sensing imagery", in Advances in Knowledge Discovery and Data Mining, Proceedings, (Edited by ZH Zhou, H Li, Q Yang), 2007, volume 4426 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-71700-3, ISSN 0302-9743, pages 71–83. Dihua Guo, Hui Xiong, Vijay Atluri, Nabil Adam.

141. "Learning to retrieve images from text queries with a discriminative model", in Adaptive Multimedia Retrieval: User, Context, and Feedback, (Edited by S MarchandMaillet, E Bruno, A Nurnberger, M Detyniecki), 2007, volume 4398 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-71544-3, ISSN 0302-9743, pages 42–56. David Grangier, Florent Monay, Samy Bengio.

140. "Perceptual feature selection for semantic image classification", in 2006 IEEE International Conference on Image Processing, ICIP 2006, Proceedings, 2006, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-0481-0, ISSN 1522-4880, pages 2921–2924, doi:10.1109/ICIP.2006.313130. Dejan Depalov, Thrasyvoulos N. Pappas, Dongge Li, Bhavan Gandhi.

139. "Image retrieval using multimodal keywords", in ISM 2006: EIGHTH IEEE INTERNATIONAL SYMPOSIUM ON MULTIMEDIA, PROCEEDINGS, 2006, IEEE International Symposium on Multimedia-ISM, ISBN 978-0-7695-2746-8, pages 817–822. Rajeev Agrawal, William Grosky, Farshad Fotouhi.

138. "Annotating image regions using spatial context", in <u>ISM 2006: EIGHTH IEEE INTERNATIONAL SYMPOSIUM ON MULTIMEDIA, PROCEEDINGS</u>, 2006, IEEE International Symposium on Multimedia-ISM, ISBN 978-0-7695-2746-8, pages 55–61. Zhiyong Wang, David D. Feng, Zheru Chi, Tian Xia.

137. "A perceptual approach for semantic image retrieval", in <u>2006 IEEE International Conference on Acoustics, Speech and Signal Processing, Vols 1-13</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-0468-1, ISSN 1520-6149, pages 1665–1668. Dejan Depalov, Thrasyvoulos Pappas, Dongge Li, Bhavan Gandhi.

136. "Lda versus mmd approximation on mislabeled images for keyword dependant selection of visual features and their heterogeneity", in <u>2006 IEEE International Conference on Acoustics, Speech and Signal Processing, Vols 1-13</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-0468-1, ISSN 1520-6149, pages 1661–1664. Sabrina Tollari, Herve Glotin.

135. "Automatic image annotation through multi-topic text categorization", in <u>2006 IEEE International Conference on Acoustics, Speech and Signal Processing, Vols 1-13</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-0468-1, ISSN 1520-6149, pages 1625–1628. Sheng Gao, De-Hong Wang, Chin-Hui Lee.

134. "Using regional information in language model based automatic concept annotation and retrieval of video", in <u>2006 IEEE International Conference on Acoustics, Speech and Signal Processing, Vols 1-13</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISBN 978-1-4244-0468-1, ISSN 1520-6149, pages 1377–1380. Dietrich Klakow.

133. "Multimedia indexing and fast retrieval based on a vote system", in <u>2006 IEEE International Conference on Multimedia and Expo - ICME 2006, Vols 1-5, Proceedings</u>, 2006, ISBN 978-1-4244-0366-0, pages 1781–1784, doi:10.1109/ICME.2006.262897. S. Philipp-Foliguet, G. Logerot, P. Constant, Ph. Gosselin, Christian Lahanier.

132. "Image auto-annotation using a statistical model with salient regions", in <u>2006 IEEE International Conference on Multimedia and Expo - ICME 2006, Vols 1-5, Proceedings</u>, 2006, ISBN 978-1-4244-0366-0, pages 525–528, doi:10.1109/ICME.2006.262441. Jiayu Tang, Jonathon S. Hare, Paul H. Lewis.

131. "Automatic relevance determination for the estimation of relevant features for object recognition", in <u>2006 IEEE 14th Signal Processing and Communications Applications, Vols 1 and 2</u>, 2006, ISBN 978-1-4244-0238-0, pages 65–68. Ilkay Ulusoy, Christopher M. Bishop.

130. "Object recognition and auto-annotation in news videos", in <u>2006 IEEE 14th Signal Processing and Communications Applications, Vols 1 and 2</u>, 2006, ISBN 978-1-4244-0238-0, pages 25–28. Muhammet Bastan, Panar Duygulu.

129. "A study of quality issues for image auto-annotation with the corel dataset". <u>IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY</u>, volume 17, number 3, MAR 2007, pages 384–389. ISSN 1051-8215, doi:10.1109/TCSVT.2006.888941. Jiayu Tang, Paul H. Lewis.

128. "Multimedia search without visual, analysis: The value of linguistic and contextual information". <u>IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY</u>, volume 17, number 3, MAR 2007, pages 365–371. ISSN 1051-8215, doi:10.1109/TCSVT.2007.890834. Franciska A. G. de Jong, Thijs Westerveld, Arjen P. de Vries.

127. "Learning midlevel image features for natural scene and texture classification". <u>IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY</u>, volume 17, number 3, MAR 2007, pages 286–297. ISSN 1051-8215, doi:10.1109/TCSVT.2007.890635. Herve Le Borgne, Anne Guerin-Dugue, Noel E. O'Connor.

126. "Segmentation and description of natural outdoor scenes". <u>IMAGE AND VISION COMPUTING</u>, volume 25, number 5, MAY 1 2007, pages 727–740. ISSN 0262-8856, doi:10.1016/j.imavis.2006.05.015. A. Bosch, X. Munoz, J. Freixenet.

125. "Automatic generation of funny cartoons diary for everyday mobile life", in <u>AI 2006: Advances in Artificial Intelligence, Proceedings</u>, (Edited by A Sattar, BH Kang), 2006, volume 4304 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-49787-5, ISSN 0302-9743, pages 443–452. Injee Song, Myung-Chul Jung, Sung-Bae Cho.

124. "A perceptual approach for semantic image retrieval", in <u>2006 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol II, Proceedings: IMAGE AND MULTIDIMENSIONAL SIGNAL PROCESSING, SIGNAL PROCESSING EDUCATION, BIOIMAGING AND SIGNAL PROCESSING</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISSN 1520-6149, pages 417A+. Dejan Depalov, Thrasyvoulos N. Pappas, Dongge Li, Bhavan Gandhi.

123. "Lda versus mmd approximation on mislabeled images for keyword dependant selection of visual features and their heterogeneity", in <u>2006 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol II, Proceedings: IMAGE AND MULTIDIMENSIONAL SIGNAL PROCESSING, SIGNAL PROCESSING EDUCATION, BIOIMAGING AND SIGNAL PROCESSING</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISSN 1520-6149, pages 413A+. Sabrina Tollari, Herve Glotin.

122. "Automatic image annotation through multi-topic text categorization", in <u>2006 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol II, Proceedings: IMAGE AND MULTIDIMENSIONAL SIGNAL PROCESSING, SIGNAL PROCESSING EDUCATION, BIOIMAGING AND SIGNAL PROCESSING</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISSN 1520-6149, pages 377A+. Sheng Gao, De-Hong Wang, Chin-Hui Lee.

121. "Using regional information in language model based automatic concept annotation and retrieval of video", in <u>2006 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol II, Proceedings: IMAGE AND MULTIDIMENSIONAL SIGNAL PROCESSING, SIGNAL PROCESSING EDUCATION, BIOIMAGING AND SIGNAL PROCESSING</u>, 2006, International Conference on Acoustics Speech and Signal Processing (ICASSP), ISSN 1520-6149, pages 129A+. Dietrich Klakow.

120. "Automatic annotation and retrieval for videos", in <u>Advances in Image and Video Technology, Proceedings</u>, (Edited by LW Chang, WN Lie), 2006, volume 4319 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68297-4, ISSN 0302-9743, pages 1030–1040. Fangshi Wang, De Xu, Wei Lu, Hongli Xu.

119. "Automatic video annotation using bayesian inference", in <u>2006 8TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING, VOLS 1-4</u>, (Edited by BZ Yuan, QQ Ruan, XF Tang), 2006, International Conference on Signal Processing-ICSP, ISBN 978-0-7803-9736-1, pages 1468–1471. Fangshi Wang, De Xu, Wei Lu, Weixin Wu.

118. "Automatic video annotation and retrieval based on bayesian inference", in <u>Advances in Multimedia Modeling, Pt 1</u>, (Edited by TJ Cham, J Cai, C Dorai, D Rajan, TS Chua, LT Chia), 2007, volume 4351 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-69421-2, ISSN 0302-9743, pages 279–288. Fangshi Wang, De Xu, Wei Lu, Weixin Wu.

117. "Image clustering using multimodal keywords", in <u>Semantic Multimedia, Proceedings</u>, (Edited by Y Avrithis, Y Kompatsiaris, S Staab, NE OConnor), 2006, volume 4306 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-49335-8, ISSN 0302-9743, pages 113–123. Rajeev Agrawal, William Grosky, Farshad Fotouhi.

116. "Translating images to words for recognizing objects in large image and video collections", in <u>Toward Category-Level Object Recognition</u>, (Edited by J Ponce, M Hebert, C Schmid, A Zisserman), 2006, volume 4170 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68794-8, ISSN 0302-9743, pages 258–276. Pinar Duygulu, Muhammet Bastan, David Forsyth.

115. "Cross modal disambiguation", in Toward Category-Level Object Recognition, (Edited by J Ponce, M Hebert, C Schmid, A Zisserman), 2006, volume 4170 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68794-8, ISSN 0302-9743, pages 238–257. Kobus Barnard, Keiji Yanai, Matthew Johnson, Prasad Gabbur.

114. "Comparison of generative and discriminative techniques for object detection and classification", in Toward Category-Level Object Recognition, (Edited by J Ponce, M Hebert, C Schmid, A Zisserman), 2006, volume 4170 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68794-8, ISSN 0302-9743, pages 173–195. Ilkay Ulusoy, Christopher M. Bishop.

113. "Building a user-centered semantic hierarchy in image databases". MULTIMEDIA SYSTEMS, volume 12, number 4-5, MAR 2007, pages 325–338. ISSN 0942-4962, doi:10.1007/s00530-006-0049-6. Manjeet Rege, Ming Dong, Farshad Fotouhi.

112. "Design and implementation of a cross-media indexing system for the reveal-this system", in AXMEDIS 2006: Second International Conference on Automated Production of Cross Media Content for Multi-Channel Distribution, Proceedings, (Edited by K Ng, A Badii, P Bellini), 2006, ISBN 978-0-7695-2625-6, pages 157–161. Murat Yakici, Fabio Crestani.

111. "Unsupervised image segmentation and annotation for content-based image retrieval", in 2006 IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS, VOLS 1-5, 2006, IEEE International Conference on Fuzzy Systems, ISBN 978-0-7803-9488-9, ISSN 1098-7584, pages 72–77, doi:10.1109/FUZZY.2006.1681697. Hichem Frigui, Joshua Caudill.

110. "Semantic modeling of natural scenes for content-based image retrieval". INTERNATIONAL JOURNAL OF COMPUTER VISION, volume 72, number 2, APR 2007, pages 133–157. ISSN 0920-5691, doi:10.1007/s11263-006-8614-1. Julia Vogel, Bernt Schiele.

109. "Effective image retrieval based on hidden concept discovery in image database". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 16, number 2, FEB 2007, pages 562–572. ISSN 1057-7149, doi:10.1109/TIP.2006.888350. Ruofei Zhang, Zhongfei (Mark) Zhang.

108. "Perceptually based techniques for image segmentation and semantic classification". IEEE COMMUNICATIONS MAGAZINE, volume 45, number 1, JAN 2007, pages 44–51. ISSN 0163-6804, doi:10.1109/MCOM.2007.284537. Thrasyvoulos N. Pappas, Junqing Chen, Dejan Depalov.

107. "A discriminative approach for the retrieval of images from text queries", in MACHINE LEARNING: ECML 2006, PROCEEDINGS, (Edited by J Furnkranz, T Scheffer, M Spiliopoulou), 2006, volume 4212 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-45375-X, ISSN 0302-9743, pages 162–173. David Grangier, Florent Monay, Samy Bengio.

106. "Incorporating multiple svms for automatic image annotation". PATTERN RECOGNITION, volume 40, number 2, FEB 2007, pages 728–741. ISSN 0031-3203, doi:10.1016/j.patcog.2006.04.042. Xiaojun Qi, Yutao Han.

105. "Development of summaries of certain patterns in multi-band satellite images", in ICEIS 2006: Proceedings of the Eighth International Conference on Enterprise Information Systems: ARTIFICIAL INTELLIGENCE AND DECISION SUPPORT SYSTEMS, 2006, ISBN 972-8865-42-2, pages 278–284. Hema Nair.

104. "Utilizing structural context for region classification", in Intelligent Information Processing III, (Edited by Z Shi, K Shimohara, D Feng), 2006, volume 228 of INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING, ISBN 0-387-44639-7, ISSN 1571-5736, pages 357–366. Zhiyong Wang, David D. Feng.

103. "A semantic fusion approach between medical images and reports using umls", in INFORMATION RETRIEVAL TECHNOLOLGY, PROCEEDINGS, (Edited by HT Ng, MK Leong, MY Kan, D Ji), 2006, volume 4182 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-45780-1, ISSN

0302-9743, pages 460–475. Daniel Racoceanu, Caroline Lacoste, Roxana Teodorescu, Nicolas Vuillemenot.

102. "Incorporating prior knowledge into multi-label boosting for cross-modal image annotation and retrieval", in INFORMATION RETRIEVAL TECHNOLOLGY, PROCEEDINGS, (Edited by HT Ng, MK Leong, MY Kan, D Ji), 2006, volume 4182 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-45780-1, ISSN 0302-9743, pages 404–415. Wei Li, Maosong Sun.

101. "Naming of image regions for user-friendly image retrieval", in IMAGE ANALYSIS AND RECOGNITION, PT 1, (Edited by A Campilho, M Kamel), 2006, volume 4141 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-44891-8, ISSN 0302-9743, pages 612–623. Andrea Kutics, Akihiko Nakagawa.

100. "Feature selection for automatic image annotation", in PATTERN RECOGNITION, PROCEEDINGS, (Edited by K Franke, KR Muller, B Nickolay, R Schafer), 2006, volume 4174 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-44412-2, ISSN 0302-9743, pages 294–303. Lokesh Setia, Hans Burkhardt.

99. "Claire: A modular support vector image indexing and classification system". ACM TRANSACTIONS ON INFORMATION SYSTEMS, volume 24, number 3, JUL 2006, pages 353–379. ISSN 1046-8188, doi:10.1145/1165774.1165777. Chih-Fong Tsai, Ken McGarry, John Tait.

98. "Discovering recurrent image semantics from class discrimination". EURASIP JOURNAL ON APPLIED SIGNAL PROCESSING, , number SI. ISSN 1110-8657, doi:10.1155/ASP/2006/76093. Joo-Hwee Lim, Jesse S. Jin.

97. "Semantic identification: Balancing between complexity and validity". EURASIP JOURNAL ON APPLIED SIGNAL PROCESSING, , number SI. ISSN 1110-8657, doi:10.1155/ASP/2006/41716. M. Falelakis, C. Diou, A. Delopoulos.

96. "Miles: Multiple-instance learning via embedded instance selection". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 28, number 12, DEC 2006, pages 1931–1947. ISSN 0162-8828. Yixin Chen, Jinbo Bi, James Z. Wang.

95. "Automatic image annotation by mining the web", in DATA WAREHOUSING AND KNOWLEDGE DISCOVERY, PROCEEDINGS, (Edited by AM Tjoa, J Trujillo), 2006, volume 4081 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-37736-0, ISSN 0302-9743, pages 449–458. Zhiguo Gong, Qian Liu, Jingbai Zhang.

94. "Construction of semantic network for videos", in ICICIC 2006: First International Conference on Innovative Computing, Information and Control, Vol 2, Proceedings, (Edited by JS Pan, P Shi, Y Zhao), 2006, ISBN 0-7695-2616-0, pages 217–220. Wang Fangshi, Xu De, Xu Hongli, Wu Weixin.

93. "Comma: a framework for integrated multimedia mining using multi-relational associations". KNOWLEDGE AND INFORMATION SYSTEMS, volume 10, number 2, AUG 2006, pages 135–162. ISSN 0219-1377, doi:10.1007/s10115-005-0221-x. Ankur M. Teredesai, Muhammad A. Ahmad, Juveria Kanodia, Roger S. Gaborski. 5th International Workshop on Multimedia Data Mining, Seattle, WA, 2004.

92. "Building a multi-modal thesaurus from annotated images", in 18TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, VOL 4, PROCEEDINGS, (Edited by YY Tang, SP Wang, G Lorette, DS Yeung, H Yan), 2006, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 0-7695-2521-0, ISSN 1051-4651, pages 198–201. Hichem Frigui, Joshua Caudill.

91. "Recognition and segmentation of scene content using region-based classification", in 18th International Conference on Pattern Recognition, Vol 1, Proceedings, (Edited by YY Tang, SP Wang, G Lorette, DS Yeung, H Yan), 2006, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 0-7695-2521-0, ISSN 1051-4651, pages 755–760. John Kaufhold, Roderic Collins, Anthony Hoogs, Pascale Rondot.

90. "A correlation approach for automatic image annotation", in <u>ADVANCED DATA MINING AND APPLICATIONS, PROCEEDINGS</u>, (Edited by X Li, OR Zaiane, ZH Li), 2006, volume 4093 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 3-540-37025-0, ISSN 0302-9743, pages 681–692. David R. Hardoon, Craig Saunders, Sandor Szedmak, John Shawe-Taylor.

89. "A probabilistic semantic model for image annotation and multi-modal image retrieval". <u>MULTIMEDIA SYSTEMS</u>, volume 12, number 1, AUG 2006, pages 27–33. ISSN 0942-4962, doi: 10.1007/s00530-006-0025-1. Ruofei Zhang, Zhongfei (Mark) Zhang, Mingjing Li, Wei-Ying Ma, Hong-Jiang Zhang.

88. "Probabilistic inference in human semantic memory". <u>TRENDS IN COGNITIVE SCIENCES</u>, volume 10, number 7, JUL 2006, pages 327–334. ISSN 1364-6613, doi:10.1016/j.tics.2006.05.005. Mark Steyvers, Thomas L. Griffiths, Simon Dennis. Workshop on Probabilistic Models of Cognition - The Mathematics of Mind, UCLA, Inst Pure & Appl Math, Los Angeles, CA, JAN, 2005.

87. "A generative model for multi class object recognition and detection", in <u>ARTIFICIAL INTELLIGENCE AND NEURAL NETWORKS</u>, (Edited by FA Savaci), 2006, volume 3949 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 3-540-36713-6, ISSN 0302-9743, pages 32–40. Ilkay Ulusoy.

86. "The 2005 pascal visual object classes challenge", in <u>MACHINE LEARNING CHALLENGES: EVALUATING PREDICTIVE UNCERTAINTY VISUAL OBJECT CLASSIFICATION AND RECOGNIZING TEXTUAL ENTAILMENT</u>, (Edited by J QuinoneroCandela, I Dagan, B Magnini, F DAlcheBuc), 2006, volume 3944 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 3-540-33427-0, ISSN 0302-9743, pages 117–176. Mark Everingham, Andrew Zisserman, Christopher K. I. Williams, Luc Van Gool, Moray Allan, Christopher M. Bishop, Olivier Chapelle, Navneet Dalal, Thomas Deselaers, Gyuri Dorko, Stefan Duffner, Jan Eichhorn, Jason D. R. Farquhar, Mario Fritz, Christophe Garcia, Tom Griffiths, Frederic Jurie, Daniel Keysers, Markus Koskela, Jorma Laaksonen, Diane Larlus, Bastian Leibe, Hongying Meng, Hermann Ney, Bernt Schiele, Cordelia Schmid, Edgar Seemann, John Shawe-Taylor, Amos Storkey, Sandor Szedmak, Bill Triggs, Ilkay Ulusoy, Ville Viitaniemi, Jianguo Zhang.

85. "Semi-supervised learning for image annotation based on conditional random fields", in <u>IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS</u>, (Edited by H Sundaram, M Naphade, JR Smith, Y Rui), 2006, volume 4071 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-36018-2, ISSN 0302-9743, pages 463–472. Wei Li, Maosong Sun.

84. "Recognizing objects and scenes in news videos", in <u>IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS</u>, (Edited by H Sundaram, M Naphade, JR Smith, Y Rui), 2006, volume 4071 of Lecture Notes in Computer Science, ISBN 3-540-36018-2, ISSN 0302-9743, pages 380–390. Muhammet Bastan, Pnar Duygulu.

83. "Query by semantic example", in <u>IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS</u>, (Edited by H Sundaram, M Naphade, JR Smith, Y Rui), 2006, volume 4071 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-36018-2, ISSN 0302-9743, pages 51–60. Nikhil Rasiwasia, Nuno Vasconcelos, Pedro J. Moreno.

82. "Content browsing and semantic context viewing through jpeg 2000-based scalable video summary". <u>IEE PROCEEDINGS-VISION IMAGE AND SIGNAL PROCESSING</u>, volume 153, number 3, JUN 2006, pages 274–283. ISSN 1350-245X, doi:10.1049/ip-vis:20050066. J. Meessen, L. Q. Xu, B. Macq.

81. "Introductory remarks", in <u>COGNITIVE VISION SYSTEMS: SAMPLING THE SPECTRUM OF APPROACHERS</u>, (Edited by HI Christensen, H Nagel), 2006, volume 3948 of Lecture Notes in Computer Science, ISBN 3-540-33971-X, ISSN 0302-9743, pages 1+. H. I. Christensen, H. H. Nagel.

80. "Automatic image annotation and retrieval using weighted feature selection". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 29, number 1, APR 2006, pages 55–71. ISSN 1380-7501, doi:10.1007/

s11042-006-7813-7. Lei Wang, Latifur Khan. International Workshop on Multimedia and Web Design, Miami, FL, DEC 13, 2004.

79. "Interactive multimedia system for distance learning of higher education", in TECHNOLOGIES FOR E-LEARNING AND DIGITAL ENTERTAINMENT, PROCEEDINGS, (Edited by ZG Pan, H Diener, XG Jin, S Gobel, L Li), 2006, volume 3942 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-33423-8, ISSN 0302-9743, pages 291–300. Yan Liu, Wong Hang Chit.

78. "Exploratory search: Image retrieval without deep semantics", in Artificial Intelligence Applications and Innovations, (Edited by I Maglogiannis, K Karpouzis, M Bramer), 2006, volume 204 of INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING, ISBN 0-387-34223-0, ISSN 1571-5736, pages 566–574. John I. Tait.

77. "Studying aesthetics in photographic images using a computational approach", in COMPUTER VISION - ECCV 2006, PT 3, PROCEEDINGS, (Edited by A Leonardis, A Pinz), 2006, volume 3953 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-33836-5, ISSN 0302-9743, pages 288–301. R Datta, D Joshi, J Li, JZ Wang.

76. "Automatic image segmentation by positioning a seed", in COMPUTER VISION - ECCV 2006, PT 2, PROCEEDINGS, (Edited by A Leonardis, H Bischof, A Pinz), 2006, volume 3952 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-33834-9, ISSN 0302-9743, pages 468–480. B Micusik, A Hanbury.

75. "A survey on multimodal video representation for semantic retrieval", in Eurocon 2005: The International Conference on Computer as a Tool, Vol 1 and 2 , Proceedings, 2005, ISBN 1-4244-0049-X, pages 135–138. J Calic, N Campbell, S Dasiopoulou, Y Kompatsiaris.

74. "Perceptually based techniques for semantic image classification and retrieval - art. no. 60570z", in Human Vision and Electronic Imaging XI, (Edited by BE Rogowitz, TN Pappas, SJ Daly), 2006, volume 6057 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-6097-4, ISSN 0277-786X, page Z570, doi:10.1117/12.660612. Dejan Depalov, Thrasyvoulos Pappas, Dongge Li, Bhavan Gandhi.

73. "Exploring statistical correlations for image retrieval". MULTIMEDIA SYSTEMS, volume 11, number 4, APR 2006, pages 340–351. ISSN 0942-4962, doi:10.1007/s00530-006-0013-5. XJ Wang, WY Ma, X Li.

72. "Mind the gap: Another look at the problem of the semantic gap in image retrieval", in MULTIMEDIA CONTENT ANALYSIS, MANAGEMENT, AND RETRIEVAL 2006, (Edited by EY Chang, A Hanjalic, N Sebe), 2006, volume 6073 of Proceedings of SPIE, ISBN 0-8194-6113-X, ISSN 0277-786X, doi:10.1117/12.647755. JS Hare, PH Lewis, PGB Enser, CJ Sandom.

71. "Ontological inference for image and video analysis". MACHINE VISION AND APPLICATIONS, volume 17, number 2, MAY 2006, pages 94–115. ISSN 0932-8092, doi:10.1007/s00138-006-0017-3. C Town.

70. "Shape reasoning on mis-segmented and mis-labeled objects using approximated fisher criterion". COMPUTERS & GRAPHICS-UK, volume 30, number 2, APR 2006, pages 177–184. ISSN 0097-8493, doi:10.1016/j.cag.2006.01.019. H Glotin, S Tollari, P Giraudet.

69. "Image categorization by learning and reasoning with regions". JOURNAL OF MACHINE LEARNING RESEARCH, volume 5, AUG 2004, pages 913–939. ISSN 1532-4435. YX Chen, JZ Wang.

68. "Towards understanding of multimedia documents: A trial of picture book analysis and generation", in ISM 2005: SEVENTH IEEE INTERNATIONAL SYMPOSIUM ON MULTIMEDIA, PROCEEDINGS, 2005, IEEE International Symposium on Multimedia-ISM, ISBN 0-7695-2489-3, pages 29–36. M Yamamoto, K Hikino, S Kijima, M Hirakawa.

67. "Automatic image annotation based on wordnet and hierarchical ensembles", in COMPUTATIONAL LINGUISTICS AND INTELLIGENT TEXT PROCESSING, (Edited by A Gelbukh), 2006, volume 3878 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-32205-1, ISSN 0302-9743, pages 417–428. W Li, M Sun.

66. "Waterfall segmentation of complex scenes", in COMPUTER VISION - ACCV 2006, PT I, (Edited by PJ Narayanan, SK Nayar, HY Shum), 2006, volume 3851 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-31219-6, ISSN 0302-9743, pages 888–897. A Hanbury, B Marcotegui.

65. "Combining sequence and time series expression data to learn transcriptional modules". IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS, volume 2, number 3, JUL-SEP 2005, pages 194–202. ISSN 1545-5963, doi:10.1109/TCBB.2005.34. A Kundaje, M Middendorf, F Gao, C Wiggins, C Leslie.

64. "Essential latent knowledge for protein-protein interactions: Analysis by an unsupervised learning approach". IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS, volume 2, number 2, APR-JUN 2005, pages 119–130. ISSN 1545-5963, doi: 10.1109/TCBB.2005.23. H Mamitsuka.

63. "Vision, knowledge, and the mystery link". NOUS, , number S, 2005, pages 309–351. ISSN 0029-4624. JL Pollock, I Oved.

62. "Speech-based visual concept learning using wordnet", in 2005 IEEE International Conference on Multimedia and Expo (ICME), Vols 1 and 2, 2005, ISBN 0-7803-9331-7, pages 1139–1142. XD Song, CY Lin, MT Sun.

61. "Bayesian mixed membership models for soft clustering and classification", in CLASSIFICATION - THE UBIQUITOUS CHALLENGE, (Edited by C Weihs, W Gaul), 2005, Studies in Classification Data Analysis and Knowledge Organization, ISBN 3-540-25677-6, ISSN 1431-8814, pages 11–26, doi: 10.1007/3-540-28084-7_2. EA Erosheva, SE Fienberg.

60. "Visual ontology construction for digitized art image retrieval". JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY, volume 20, number 6, NOV 2005, pages 855–860. ISSN 1000-9000, doi:10.1007/s11390-005-0855-x. SQ Jiang, J Du, QM Huang, TJ Huang, W Gao.

59. "Automatic image annotation using maximum entropy model", in NATURAL LANGUAGE PROCESSING - IJCNLP 2005, PROCEEDINGS, (Edited by R Dale, KF Wong, J Su, OY Kwong), 2005, volume 3651 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 3-540-29172-5, ISSN 0302-9743, pages 34–45. W Li, MS Sun.

58. "Object recognition via local patch labelling", in DETERMINISTIC AND STATISTICAL METHODS IN MACHINE LEARNING, (Edited by J Winkler, M Niranjan, N Lawrence), 2005, volume 3635 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 3-540-29073-7, ISSN 0302-9743, pages 1–21. CM Bishop, I Ulusoy.

57. "Learning object categories from google's image search", in TENTH IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1 AND 2, PROCEEDINGS, 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 1816–1823. R Fergus, L Fei-Fei, P Perona, A Zisserman.

56. "Learning hierarchical models of scenes, objects, and parts", in TENTH IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1 AND 2, PROCEEDINGS, 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 1331–1338. EB Sudderth, A Torralba, WT Freeman, AS Willsky.

55. "Modeling scenes with local descriptors and latent aspects", in TENTH IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1 AND 2, PROCEEDINGS, 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 883–890. P Quelhas, F Monay, JM Odobez, D Gatica-Perez, T Tuytelaars, L Van Gool.

54. "A probabilistic semantic model for image annotation and multi-modal image retrieval", in TENTH IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1 AND 2, PROCEEDINGS, 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 846–851. RF Zhang, ZF Zhang, MJ Li, WY Ma, HJ Zhang.

53. "Discovering objects and their location in images", in TENTH IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION, VOLS 1 AND 2, PROCEEDINGS, 2005, IEEE International Conference on Computer Vision, ISBN 0-7695-2334-X, ISSN 1550-5499, pages 370–377. J Sivic, BC Russell, AA Efros, A Zisserman, WT Freeman.

52. "Improving image annotations using wordnet", in ADVANCES IN MULTIMEDIA INFORMATION SYSTEMS, PROCEEDINGS, (Edited by K Selcuk, A Celentano), 2005, volume 3665 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-28792-2, ISSN 0302-9743, pages 115–130. YH Jin, L Wang, L Khan.

51. "Qualitative evaluation of automatic assignment of keywords to images". INFORMATION PROCESSING & MANAGEMENT, volume 42, number 1, JAN 2006, pages 136–154. ISSN 0306-4573, doi:10.1016/j.ipm.2004.11.001. CF Tsai, K McGarry, J Tait.

50. "Semiotic schemas: A framework for grounding language in action and perception". ARTIFICIAL INTELLIGENCE, volume 167, number 1-2, SEP 2005, pages 170–205. ISSN 0004-3702, doi:10.1016/j.artint.2005.04.007. D Roy.

49. "Protocols from perceptual observations". ARTIFICIAL INTELLIGENCE, volume 167, number 1-2, SEP 2005, pages 103–136. ISSN 0004-3702, doi:10.1016/j.artint.2005.04.006. CJ Needham, PE Santos, DR Magee, V Devin, DC Hogg, AG Cohn.

48. "Word sense disambiguation with pictures". ARTIFICIAL INTELLIGENCE, volume 167, number 1-2, SEP 2005, pages 13–30. ISSN 0004-3702, doi:10.1016/j.artint.2005.04.009. K Barnard, M Johnson.

47. "Connecting language to the world". ARTIFICIAL INTELLIGENCE, volume 167, number 1-2, SEP 2005, pages 1–12. ISSN 0004-3702, doi:10.1016/j.artint.2005.06.002. D Roy, E Reiter.

46. "Unsupervised image categorization". IMAGE AND VISION COMPUTING, volume 23, number 10, SEP 20 2005, pages 861–876. ISSN 0262-8856, doi:10.1016/j.imavis.2005.05.016. G Heidemann.

45. "Grounding words in perception and action: computational insights". TRENDS IN COGNITIVE SCIENCES, volume 9, number 8, AUG 2005, pages 389–396. ISSN 1364-6613, doi:10.1016/j.tics.2005.06.013. D Roy.

44. "Learning shapes for image classification and retrieval", in IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS, (Edited by WK Leow, MS Lew, TS Chua, WY Ma, L Chaisorn, EM Bakker), 2005, volume 3568 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27858-3, ISSN 0302-9743, pages 589–598. N Mohanty, TM Rath, A Lee, R Manmatha.

43. "Semantic annotation of image groups with self-organizing maps", in IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS, (Edited by WK Leow, MS Lew, TS Chua, WY Ma, L Chaisorn, EM Bakker), 2005, volume 3568 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27858-3, ISSN 0302-9743, pages 518–527. M Koskela, J Laaksonen.

42. "Ontology-mediated distributed decision support for breast cancer", in ARTIFICIAL INTELLIGENCE IN MEDICINE, PROCEEDINGS, (Edited by S Miksch, J Hunter, E Keravnou), 2005, volume 3581 of Lecture Notes in Artificial Intelligence, ISBN 3-540-27831-1, ISSN 0302-9743, pages 221–225. S Dasmahapatra, D Dupplaw, B Hu, P Lewis, N Shadbolt.

41. "Visualising an image collection?", in Ninth International Conference on Information Visualisation, Proceedings, (Edited by E Banissi, M Sarfraz, JC Roberts, B Loften, A Ursyn, RA Burkhard, A Lee, G Andrienko), 2005, ISBN 0-7695-2397-8, pages 268–274, doi:10.1109/IV.2005.141. K Ahmad, B Vrusias, M Zhu.

40. "Unsupervised learning in radiology using novel latent variable models", in 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Vol 2, Proceedings, (Edited by C Schmid, S Soatto, C Tomasi), 2005, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2372-2, ISSN 1063-6919, pages 854–859. L Carrivick, S Prabhu, P Goddard, J Rossiter.

39. "Generative versus discriminative methods for object recognition", in 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Vol 2, Proceedings, (Edited by C Schmid, S Soatto, C Tomasi), 2005, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2372-2, ISSN 1063-6919, pages 258–265. I Ulusoy, CM Bishop.

38. "Formulating semantic image annotation as a supervised learning problem", in 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Vol 2, Proceedings, (Edited by C Schmid, S Soatto, C Tomasi), 2005, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2372-2, ISSN 1063-6919, pages 163–168. G Carneiro, N Vasconcelos.

37. "A sparse support vector machine approach to region-based image categorization", in 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Vol 1, Proceedings, (Edited by C Schmid, S Soatto, C Tomasi), 2005, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2372-2, ISSN 1063-6919, pages 1121–1128. JB Bi, YX Chen, JZ Wang.

36. "Evaluating image retrieval", in 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Vol 1, Proceedings, (Edited by C Schmid, S Soatto, C Tomasi), 2005, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2372-2, ISSN 1063-6919, pages 955–961. NV Shirahatti, K Barnard.

35. "Automatic image annotation based on topic-based smoothing", in INTELLIGENT DATA ENGINEERING AND AUTOMATED LEARNING IDEAL 2005, PROCEEDINGS, (Edited by M Gallagher, J Hogan, F Maire), 2005, volume 3578 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-26972-X, ISSN 0302-9743, pages 86–93. XD Zhou, JY Ye, L Chen, L Zhang, BL Shi.

34. "Finding uninformative features in binary data", in INTELLIGENT DATA ENGINEERING AND AUTOMATED LEARNING IDEAL 2005, PROCEEDINGS, (Edited by M Gallagher, J Hogan, F Maire), 2005, volume 3578 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-26972-X, ISSN 0302-9743, pages 40–47. X Wang, A Kaban.

33. "Clue: Cluster-based retrieval of images by unsupervised learning". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 14, number 8, AUG 2005, pages 1187–1201. ISSN 1057-7149, doi: 10.1109/TIP.2005.849770. YX Chen, JZ Wang, R Krovetz.

32. "A structured learning framework for content-based image indexing and visual query". MULTIMEDIA SYSTEMS, volume 10, number 4, OCT 2005, pages 317–331. ISSN 0942-4962, doi:10.1007/ s00530-004-0158-z. JH Lim, JS Jin.

31. "Nearest-neighbor automatic sound annotation with a wordnet taxonomy". JOURNAL OF INTELLIGENT INFORMATION SYSTEMS, volume 24, number 2-3, MAR 2005, pages 99–111. ISSN 0925-9902, doi:10.1007/s10844-005-0318-4. P Cano, M Koppenberger, S Le Groux, J Ricard, N Wack, P Herrera. 14th IEEE International Workshop on Machine Learning for Signal Processing, Sao Luis, BRAZIL, SEP 29-OCT 01, 2004.

30. "Enhancement of textual images classification using segmented visual contents for image search engine". MULTIMEDIA TOOLS AND APPLICATIONS, volume 25, number 3, MAR 2005, pages 405–417. ISSN 1380-7501, doi:10.1007/s11042-005-6543-6. S Tollari, H Glotin, J Le Maitre.

29. "Relating words and image segments on multiple layers for effective browsing and retrieval", in ICIP: 2004 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1- 5, 2004, IEEE International Conference on Image Processing (ICIP), ISBN 0-7803-8554-3, ISSN 1522-4880, pages 2203–2206. A Kutics, A Nakagawa, S Arai, H Tanaka, S Ohtsuka.

28. "Combining local class patterns and discovered semantics for image retrieval", in ICIP: 2004 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOLS 1- 5, 2004, IEEE International Conference on Image Processing (ICIP), ISBN 0-7803-8554-3, ISSN 1522-4880, pages 401–404. L Joo-Hwee, JS Jin.

27. "Combining intra-image and inter-class semantics for consumer image retrieval". PATTERN RECOGNITION, volume 38, number 6, JUN 2005, pages 847–864. ISSN 0031-3203, doi:10.1016/j.patcog.2004.11.002. JH Lim, JS Jin.

26. "A memory learning framework for effective image retrieval". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 14, number 4, APR 2005, pages 511–524. ISSN 1057-7149, doi:10.1109/TIP.2004.841205. JW Han, KN Ngan, MJ Li, HJ Zhang.

25. "A novel approach to auto image annotation based on pair-wise constrained clustering and semi-naive bayesian model", in 11TH INTERNATIONAL MULTIMEDIA MODELLING CONFERENCE, PROCEEDINGS, (Edited by YP Chen), 2005, ISBN 0-7695-2164-9, pages 322–327. S Rui, WJ Jin, TS Chua.

24. "Hierarchical ensemble learning for multimedia categorization and autoannotation", in MACHINE LEARNING FOR SIGNAL PROCESSING XIV, (Edited by A Barros, J Principe, J Larsen, T Adali, S Douglas), 2004, ISBN 0-7803-8608-6, pages 645–654. S Koisnov, S Marchand-Maillet.

23. "Improving content based image retrieval systems using finite multinomial dirichlet mixture", in MACHINE LEARNING FOR SIGNAL PROCESSING XIV, (Edited by A Barros, J Principe, J Larsen, T Adali, S Douglas), 2004, ISBN 0-7803-8608-6, pages 23–32. N Bouguila, D Ziou.

22. "Data-driven approach for bridging the cognitive gap in image retrieval", in 2004 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXP (ICME), VOLS 1-3, 2004, ISBN 0-7803-8603-5, pages 2231–2234. XJ Wang, WY Ma, X Li.

21. "Automatic image captioning", in 2004 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA AND EXP (ICME), VOLS 1-3, 2004, ISBN 0-7803-8603-5, pages 1987–1990. JY Pan, HJ Yang, P Duygulu, C Faloutsos.

20. "A model for learning the semantics of pictures", in ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS 16, (Edited by S Thrun, K Saul, B Scholkopf), 2004, volume 16 of ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS, ISBN 0-262-20152-6, ISSN 1049-5258, pages 553–560. V Lavrenko, R Manmatha, J Jeon.

19. "Mapping image segments to words for image retrienval", in 2004 IEEE 6TH WORKSHOP ON MULTIMEDIA SIGNAL PROCESSING, 2004, ISBN 0-7803-8578-0, pages 438–441. A Nakagawa, A Kutics, H Tanaka.

18. "Semantic browsing and retrieval in image libraries", in IMAGE ANALYSIS AND RECOGNITION, PT 1, PROCEEDINGS, (Edited by A Campilho, M Kamel), 2004, volume 3211 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-23223-0, ISSN 0302-9743, pages 737–744. A Kutics, A Nakagawa.

17. "Managing personal digital resources", in 15TH INTERNATIONAL WORKSHOP ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, PROCEEDINGS, 2004, ISBN 0-7695-2195-9, pages 226–230. T To, D Smith.

16. "Color and color constancy in a translation model for object recognition", in ELEVENTH COLOR IMAGING CONFERENCE: COLOR SCIENCE AND ENGINEERING - SYSTEMS, TECHNOLOGIES, APPLICATIONS, 2003, ISBN 0-89208-248-8, pages 364–369. K Barnard, P Gabbur.

15. "Learning and integrating semantics for image indexing", in PRICAI 2004: TRENDS IN ARTIFICIAL INTELLIGENCE, PROCEEDINGS, (Edited by C Zhang, HW Guesgen, WK Yeap), 2004, volume 3157 of LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISBN 3-540-22817-9, ISSN 0302-9743, pages 823–832. JH Lim, JS Jin.

14. "Multiple bernoulli relevance models for image and video annotation", in PROCEEDINGS OF THE 2004 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOL 2, 2004, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2158-4, ISSN 1063-6919, pages 1002–1009. SL Feng, R Manmatha, V Lavrenko.

13. "Names and faces in the news", in PROCEEDINGS OF THE 2004 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOL 2, 2004, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 0-7695-2158-4, ISSN 1063-6919, pages 848–854. TL Berg, AC Berg, J Edwards, M Maire, R White, YW Teh, E Learned-Miller, DA Forsyth.

12. "Using maximum entropy for automatic image annotation", in IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS, (Edited by P Enser, Y Kompatsiaris, NE OConnor, AF Smeaton, AWM Smeulders), 2004, volume 3115 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22539-0, ISSN 0302-9743, pages 24–32. J Jeon, R Manmatha.

11. "Overview of approaches to semantic augmentation of multimedia databases for efficient access and content retrieval", in ADAPTIVE MULTIMEDIA RETRIEVAL, (Edited by A Nurnberger, M Detyniecki), 2004, volume 3094 of Lecture Notes in Computer Science, ISBN 3-540-22163-8, ISSN 0302-9743, pages 19–35. S Kosinov, S Marchand-Maillet.

10. "The utilization of human color categorization for content-based image retrieval", in HUMAN VISION AND ELECTRONIC IMAGING IX, (Edited by BE Rogowitz, TN Pappas), 2004, volume 5292 of PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE), ISBN 0-8194-5195-9, ISSN 0277-786X, pages 351–362, doi:10.1117/12.526927. EL van den Broek, PMF Kisters, LG Vuurpijl.

9. "Concept-oriented indexing of video databases: Toward semantic sensitive retrieval and browsing". IEEE TRANSACTIONS ON IMAGE PROCESSING, volume 13, number 7, JUL 2004, pages 974–992. ISSN 1057-7149, doi:10.1109/TIP.2004.827232. JP Fan, HZ Luo, AK Elmagarmid.

8. "A statistical model for general contextual object recognition", in COMPUTER VISION - ECCV 2004, PT 1, (Edited by T Pajdla, J Matas), 2004, volume 3021 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-21984-6, ISSN 0302-9743, pages 350–362. P Carbonetto, N de Freitas, K Barnard.

7. "Semantics discovery for image indexing", in COMPUTER VISION - ECCV 2004, PT 1, (Edited by T Pajdla, J Matas), 2004, volume 3021 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-21984-6, ISSN 0302-9743, pages 270–281. JH Lim, JS Jin.

6. "Mixed-membership models of scientific publications". PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, volume 101, number 1, APR 6 2004, pages 5220–5227. ISSN 0027-8424, doi:10.1073/pnas.0307760101. E Erosheva, S Fienberg, J Lafferty. Colloquium on Mapping Knowledge Domains, Natl Acad Sci & Engn, Arnold & Mable Beckman Ctr, Irvine, CA, MAY 09-11, 2003.

5. "A shared-subspace learning framework for multi-label classification". ACM TRANSACTIONS ON KNOWLEDGE DISCOVERY FROM DATA, volume 4, number 2. ISSN 1556-4681, doi:10.1145/1754428.1754431. Shuiwang Ji, Lei Tang, Shipeng Yu, Jieping Ye.

4. "Variational inference for dirichlet process mixtures". BAYESIAN ANALYSIS, volume 1, number 1, 2006, pages 121–143. ISSN 1931-6690. David M. Blei, Michael I. Jordan.

3. "Comparison of feature sets using multimedia translation", in COMPUTER AND INFORMATION SCIENCES - ISCIS 2003, (Edited by A Yazici, C Sener), 2003, volume 2869 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-20409-1, ISSN 0302-9743, pages 513–520. P Duygulu, OC Ozcanli, N Papernick.

2. "Image retrieval via connecting words to salient objects", in 2003 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, VOL 3, PROCEEDINGS, 2003, ISBN 0-7803-7750-8, pages 17–20. A Kutics, A Nakagawa, M Nakajima.

1. "The effects of segmentation and feature choice in a translation model of object recognition", in 2003 IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOL II, PROCEEDINGS, 2003, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISSN 1063-6919, pages 675–682. K Barnard, P Duygulu, R Guru, P Gabbur, D Forsyth.

"Associating video frames with text", in Proceedings of the Multimedia Information Retrieval Workshop in conjuction with the 26th annual ACM SIGIR Conference on Information Retrieval, August 1 2003. P. Duygulu, H. Wactlar [Citations: 7 (3 self)]

7. "Multimedia simplification for optimized mms synthesis". ACM TRANSACTIONS ON MULTIMEDIA COMPUTING COMMUNICATIONS AND APPLICATIONS, volume 3, number 1. ISSN 1551-6857, doi:10.1145/1198302.1198307. Wei-Qi Yan, Mohan S. Kankanhalli.

6. "Translating images to words for recognizing objects in large image and video collections", in Toward Category-Level Object Recognition, (Edited by J Ponce, M Hebert, C Schmid, A Zisserman), 2006, volume 4170 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-68794-8, ISSN 0302-9743, pages 258–276. Pinar Duygulu, Muhammet Bastan, David Forsyth.

5. "Recognizing objects and scenes in news videos", in IMAGE AND VIDEO RETRIEVAL, PROCEEDINGS, (Edited by H Sundaram, M Naphade, JR Smith, Y Rui), 2006, volume 4071 of Lecture Notes in Computer Science, ISBN 3-540-36018-2, ISSN 0302-9743, pages 380–390. Muhammet Bastan, Pnar Duygulu.

4. "Using cannot framework to generate video based applications", 2005, ISBN 0-7695-2471-0, pages 191–194, doi:10.1109/LAWEB.2005.45. CAS Santos, ANR Neto, TA Tavares.

3. "Discovering meaningful multimedia patterns with audio-visual concepts and associated text", 2004, IEEE International Conference on Image Processing (ICIP), ISBN 0-7803-8554-3, ISSN 1522-4880, pages 2383–2386. L Xie, L Kennedy, SE Chang, A Divakaran, H Sun, CY Lin.

2. "What's news, what's not? associating news videos with words", 2004, volume 3115 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22539-0, ISSN 0302-9743, pages 132–140. P Duygulu, A Hauptmann.

1. "Statistical models for automatic video annotation and retrieval", 2004, pages 1044–1047. V Lavrenko, SL Feng, R Manmatha.

"Comparison of feature sets using multimedia translation", November 3-5 2003, volume 2869 of Lecture Notes in Computer Science, pages 513–520. P. Duygulu, O.C. Ozcanli, N. Papernick [Citations: 1 (0 self)]

1. "Learning image-text associations". IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, volume 21, number 2, FEB 2009, pages 161–177. ISSN 1041-4347, doi:10.1109/TKDE.2008.150. Tao Jiang, Ah-Hwee Tan.

"Linking visual and textual data on video", in Proceedings of the Workshop on Multimedia Contents in Digital Libraries. P. Duygulu, H. Wactlar, N. Papernick, D. Ng [Citations: 7 (0 self)]

7. "Implicit media knowledge experimentation & results", 2010, Lecture Notes in Engineering and Computer Science, ISBN 978-988-17012-0-6, pages 406–411. Muy-Chu Ly, Alexis Germaneau.

6. "Implicit media knowledge", 2009, ISBN 978-1-4244-3470-1, pages 232–235, doi:10.1109/ICN.2009.45. Muy-Chu Ly, Alexis Germaneau, Olivier Martinot.

5. "Multi-modal person-profiles from broadcast news video", 2007, ISBN 978-1-4244-1016-3, pages 1559–1562. Charlie K. Dagli, Sharad V. Rao, Thomas S. Huang.

4. "Multimedia simplification for optimized mms synthesis". ACM TRANSACTIONS ON MULTIMEDIA COMPUTING COMMUNICATIONS AND APPLICATIONS, volume 3, number 1. ISSN 1551-6857, doi:10.1145/1198302.1198307. Wei-Qi Yan, Mohan S. Kankanhalli.

3. "A multimodality framework for creating speaker/non-speaker profile databases for real-world video", 2007, PROCEEDINGS - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, ISBN 978-1-4244-1179-5, ISSN 1063-6919, pages 3688–3695. Jehanzeb Abbas, Charlie K. Dagli, Thomas S. Huang.

2. "Design and implementation of a cross-media indexing system for the reveal-this system", in AXMEDIS 2006: Second International Conference on Automated Production of Cross Media Content for Multi-Channel Distribution, Proceedings, (Edited by K Ng, A Badii, P Bellini), 2006, ISBN 978-0-7695-2625-6, pages 157–161. Murat Yakici, Fabio Crestani.

1. "The visual design of interactive curricula of taiwanese ancient relief printing artifacts", 2004, ISBN 980-6560-11-6, pages 301–306. MD Shieh, CC Yang, YC Chen, JF Huang, CW Fang.

"Recognition as translating images into text", January 2003, volume 5018, pages 168–178. K. Barnard, P. Duygulu, D. Forsyth [Citations: 1 (0 self)]

1. "Mining the web for appearance description", in Database and Expert Systems Applications, Proceedings, (Edited by R Wagner, N Revell, G Pernul), 2007, volume 4653 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-74467-2, ISSN 0302-9743, pages 790–800. Shun Hattori, Taro Tezuka, Katsumi Tanaka.

"The effects of segmentation and feature choice in a translation model of object recognition", June 16-22 2003, pages 675–682. K. Barnard, P. Duygulu, R. Guru, P. Gabbur, D. Forsyth [Citations: 2 (0 self)]

2. "A survey of methods for image annotation". JOURNAL OF VISUAL LANGUAGES AND COMPUTING, volume 19, number 5, OCT 2008, pages 617–627. ISSN 1045-926X, doi:10.1016/j.jvlc.2008.01.002. Allan Hanbury.

1. "Sensitivity analysis of mapping local image features into conceptual categories". LIBRARY HI TECH, volume 26, number 2, 2008, pages 255–273. ISSN 0737-8831, doi:10.1108/07378830810880351. Chih-Fong Tsai, David C. Yen.

"Automatic image captioning", in Proceedings of the 2004 IEEE International Conference on Multimedia and Expo (ICME'04), 2004, pages 1987–1990. J.-Y. Pan, H.-J. Yang, P. Duygulu, C. Faloutsos [Citations: 4 (0 self)]

4. "Capturing contextual relationship for effective media search". MULTIMEDIA TOOLS AND APPLICATIONS, volume 56, number 2, SI, JAN 2012, pages 351–364. ISSN 1380-7501, doi: 10.1007/s11042-010-0670-4. Guang-Ho Cha.

3. "Capturing contextual relationship for effective media search", in PROCEEDINGS OF THE 2009 FOURTH INTERNATIONAL CONFERENCE ON EMBEDDED AND MULTIMEDIA COMPUTING, 2009, ISBN 978-1-4244-4996-5, pages 148–153. Guang-Ho Cha.

2. "A context-aware similarity search for a handwritten digit image database". COMPUTER JOURNAL, volume 53, number 8, SI, 2010, pages 1291–1301. ISSN 0010-4620, doi:10.1093/comjnl/bxp011. Guang-Ho Cha.

1. "A study of quality issues for image auto-annotation with the corel dataset". IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, volume 17, number 3, MAR 2007, pages 384–389. ISSN 1051-8215, doi:10.1109/TCSVT.2006.888941. Jiayu Tang, Paul H. Lewis.

"Comparison and combination of two novel commercial detection methods", July 27-30 2004, pages 1267–1270. P. Duygulu, M.Y. Chen, A. Hauptmann [Citations: 24 (1 self)]

24. "Exploiting visual-audio-textual characteristics for automatic tv commercial block detection and segmentation". IEEE TRANSACTIONS ON MULTIMEDIA, volume 13, number 5, OCT 2011, pages 961–973. ISSN 1520-9210, doi:10.1109/TMM.2011.2160334. Nan Liu, Yao Zhao, Zhenfeng Zhu, Hanqing Lu.

23. "Content-based audio copy detection using nearest-neighbor mapping", 2010, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 978-1-4244-4296-6, ISSN 1520-6149, pages 261–264, doi:10.1109/ICASSP.2010.5495963. Vishwa Gupta, Gilles Boulianne, Patrick Cardinal.

22. "Commercial recognition in tv streams using coarse-to-fine matching strategy", 2010, volume 6297 of Lecture Notes in Computer Science, ISBN 978-3-642-15701-1, ISSN 0302-9743, pages 296–307. Nan Liu, Yao Zhao, Zhenfeng Zhu.

21. "Tv advertisements detection and clustering based on acoustic information", 2008, ISBN 978-1-4244-3329-2, pages 452–457, doi:10.1109/CIMCA.2008.162. David Conejero, Xavier Anguera.

20. "Advertisement detection in french broadcast news using acoustic repetition and gaussian mixture models", 2008, ISBN 978-1-61567-378-0, pages 2538–2541. Vishwa Gupta, Gilles Boulianne, Patrick Kenny, Pierre Dumouchel.

19. "Commercial detection in program videos", 2009, ISBN 978-0-7695-3930-0, pages 107–110, doi:10.1109/IFCSTA.2009.265. Liu Zhen.

18. "Audio-based automatic management of tv commercials", 2009, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 978-1-4244-2353-8, ISSN 1520-6149, pages 1305–1308, doi:10.1109/ICASSP.2009.4959831. Helenca Duxans, David Conejero, Xavier Anguera.

17. "Break-segment detection and recognition in broadcasting video/audio based on c/s architecture", 2009, volume 214 of Studies in Computational Intelligence, ISBN 978-3-540-92813-3, ISSN 1860-949X, pages 45–51. Xiangdong Wang, Xinhui Li, Yuelian Qian, Ying Yang, Shouxun Lin.

16. "Detecting repeats for video structuring". MULTIMEDIA TOOLS AND APPLICATIONS, volume 38, number 2, JUN 2008, pages 233–252. ISSN 1380-7501, doi:10.1007/s11042-007-0180-1. Xavier Naturel, Patrick Gros. 2nd International Workshop on Computer Vision Meets Databases, Baltimore, MD, JUN 17, 2005.

15. "Detection and tracking of tv commercials", 2007, ISBN 978-1-4244-0719-4, pages 507–510. Tolga Can, Pinar Duygulu.

14. "Robust commercial detection system", 2007, ISBN 978-1-4244-1016-3, pages 587–590. Liang Zhang, Zhenfeng Zhu, Yao Zhao.

13. "A temporal and visual analysis-based approach to commercial detection in news video", 2007, volume 4781 of Lecture Notes in Computer Science, ISBN 978-3-540-76413-7, ISSN 0302-9743, pages 117–125. Shijin Li, Yue-Fei Guo, Hao Li.

12. "A novel approach to commercial detection in news video", 2007, pages 86–90, doi:10.1109/SNPD. 2007.361. Shijin Li, Hao Li, Zhijian Wang.

11. "Real-time commercial recognition using color moments and hashing", 2007, ISBN 978-0-7695-2786-4, pages 465–472, doi:10.1109/CRV.2007.53. Abhishek Shivadas, John M. Gauch.

10. "Fast structuring of large television streams using program guides", 2007, volume 4398 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-71544-3, ISSN 0302-9743, pages 222–231. Xavier Naturel, Guillaume Gravier, Patrick Gros.

9. "Television stream structuring with program guides", 2006, IEEE International Symposium on Multimedia-ISM, ISBN 978-0-7695-2746-8, pages 329–334. Jean-Philippe Poli, Jean Carrive.

8. "An intelligent subtitle detection model for locating television commercials". IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS, volume 37, number 2, APR 2007, pages 485–492. ISSN 1083-4419, doi:10.1109/TSMCB.2006.883428. Yo-Ping Huang, Liang-Wei Hsu, Frode-Eika Sandnes.

7. "Efficient short video repeat identification with application to news video structure analysis". IEEE TRANSACTIONS ON MULTIMEDIA, volume 9, number 3, APR 2007, pages 600–609. ISSN 1520-9210, doi:10.1109/TMM.2006.889352. Xian-Feng Yang, Qi Tian, Ping Xue.

6. "Advertisement detection and replacement using acoustic and visual repetition", 2006, ISBN 978-0-7803-9751-4, pages 461–466, doi:10.1109/MMSP.2006.285351. Michele Covell, Shumeet Baluja, Michael Fink.

5. "Video clip matching using mpeg-7 descriptors and edit distance", 2006, volume 4071 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-36018-2, ISSN 0302-9743, pages 133–142. Marco Bertini, Alberto Del Bimbo, Walter Nunziati.

4. "Image based tracking of news stories", 2005, IEEE International Symposium on Multimedia-ISM, ISBN 0-7695-2489-3, pages 545–550. JZ Miadowicz, JM Gauch, A Shivadas.

3. "Improvement of commercial boundary detection using audiovisual features", 2005, volume 3767 of Lecture Notes in Computer Science, ISBN 3-540-30027-9, ISSN 0302-9743, pages 776–786. JC Chen, JH Yeh, WT Chu, JH Kuo, JL Wu.

2. "Commercial detection in heterogeneous video streams using fused multi-modal and temporal features", 2005, International Conference on Acoustics Speech and Signal Processing ICASSP, ISBN 0-7803-8874-7, ISSN 1520-6149, pages 157–160. M Mizutani, S Ebadollahi, SF Chang.

1. "What's news, what's not? associating news videos with words", 2004, volume 3115 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-22539-0, ISSN 0302-9743, pages 132–140. P Duygulu, A Hauptmann.

"What's news what's not? Associating news videos with words", July 21-23 2004, volume 3115 of Lecture Notes in Computer Science, pages 132–140. P. Duygulu, A. Hauptmann [Citations: 11 (4 self)]

11. "Multimedia translation for linking visual data to semantics in videos". MACHINE VISION AND APPLICATIONS, volume 22, number 1, JAN 2011, pages 99–115. ISSN 0932-8092, doi:10.1007/s00138-009-0217-8. Pinar Duygulu, Muhammet Bastan.

10. "Interesting faces: A graph-based approach for finding people in news". PATTERN RECOGNITION, volume 43, number 5, MAY 2010, pages 1717–1735. ISSN 0031-3203, doi:10.1016/j.patcog.2009.10.015. Derya Ozkan, Pinar Duygulu.

9. "Improved resulted word counts optimizer for automatic image annotation problem". FUNDAMENTA INFORMATICAE, volume 96, number 4, 2009, pages 435–463. ISSN 0169-2968, doi:10.3233/ FI-2009-187. Mariusz Paradowski, Halina Kwasnicka.

8. "A spatial-temporal-scale registration approach for video copy detection", 2008, volume 5353 of Lecture Notes in Computer Science, ISBN 978-3-540-89795-8, ISSN 0302-9743, pages 407–415. Shi Chen, Tao Wang, Jinqiao Wang, Jianguo Li, Yimin Zhang, Hanqing Lu.

7. "A survey of methods for image annotation". JOURNAL OF VISUAL LANGUAGES AND COMPUTING, volume 19, number 5, OCT 2008, pages 617–627. ISSN 1045-926X, doi:10.1016/j. jvlc.2008.01.002. Allan Hanbury.

6. "Sensitivity analysis of mapping local image features into conceptual categories". LIBRARY HI TECH, volume 26, number 2, 2008, pages 255–273. ISSN 0737-8831, doi:10.1108/07378830810880351. Chih-Fong Tsai, David C. Yen.

5. "Robust commercial retrieval in video streams", 2007, ISBN 978-1-4244-1016-3, pages 260–263. Jinqiao Wang, Lingyu Duan, Qingshan Liu, Hanqing Lu, Jesse S. Jin.

4. "Finding people frequently appearing in news", 2006, volume 4071 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-36018-2, ISSN 0302-9743, pages 173–182. Derya Ozkan, Plnar Duygulu.

3. "Tv commercial detection in news program videos", 2005, IEEE International Symposium on Circuits and Systems, ISBN 0-7803-8834-8, ISSN 0271-4302, pages 4594–4597. JH Yeh, JC Chen, JH Kuo, JL Wu.

2. "Person search made easy", 2005, volume 3568 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27858-3, ISSN 0302-9743, pages 578–588. N Ikizler, P Duygulu.

1. "Person spotting: Video shot retrieval for face sets", 2005, volume 3568 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 3-540-27858-3, ISSN 0302-9743, pages 226–236. J Sivic, M Everingham, A Zisserman.

"Towards auto-documentary: Tracking the evolution of news on time", October 2004, pages 820–827. P. Duygulu, J.-Y. Pan, D. Forsyth [Citations: 11 (0 self)]

11. "Tracking web video topics: Discovery, visualization, and monitoring". IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, volume 21, number 12, DEC 2011, pages 1835–1846. ISSN 1051-8215, doi:10.1109/TCSVT.2011.2148470. Juan Cao, Chong-Wah Ngo, Yong-Dong Zhang, Jin-Tao Li.

10. "Beyond search: Event-driven summarization for web videos". ACM TRANSACTIONS ON MULTIMEDIA COMPUTING COMMUNICATIONS AND APPLICATIONS, volume 7, number 4. ISSN 1551-6857, doi:10.1145/2043612.2043613. Richang Hong, Jinhui Tang, Hung-Khoon Tan, Chong-Wah Ngo, Shuicheng Yan, Tat-Seng Chua.

9. "Mining event structures from web videos". IEEE MULTIMEDIA, volume 18, number 1, JAN-MAR 2011, pages 38–51. ISSN 1070-986X, doi:10.1109/MMUL.2011.12. Xiao Wu, Yi-Jie Lu, Qiang Peng, Chong-Wah Ngo.

8. "News topic tracking and re-ranking with query expansion based on near-duplicate detection", 2009, volume 5879 of Lecture Notes in Computer Science, ISBN 978-3-642-10466-4, ISSN 0302-9743, pages 755–766. Xiaomeng Wu, Ichiro Ide, Shin'ichi Satoh.

7. "Adaptive division of feature space for rapid detection of near-duplicate video segments", 2009, IEEE International Conference on Multimedia and Expo, ISBN 978-1-4244-4290-4, ISSN 1945-7871, pages 694–697. Ichiro Ide, Shugo Suzuki, Tomokazu Takahashi, Hiroshi Murase.

6. "A tv-logo classification and learning system", 2008, IEEE International Conference on Image Processing (ICIP), ISBN 978-1-4244-1765-0, ISSN 1522-4880, pages 2548–2551, doi:10.1109/ICIP.2008.4712313. P. Nieto, J. R. Cozar, J. M. Gonzalez-Linares, N. Guil.

5. "A distance measure for repeated takes of one scene". VISUAL COMPUTER, volume 25, number 1, JAN 2009, pages 53–68. ISSN 0178-2789, doi:10.1007/s00371-008-0280-6. Werner Bailer, Felix Lee, Georg Thallinger. 14th International Multimedia Modeling Conference (MMM 2008), Kyoto Univ, Kyoto, JAPAN, JAN 09-11, 2008.

4. "Storyline-based summarization for news topic retrospection". DECISION SUPPORT SYSTEMS, volume 45, number 3, JUN 2008, pages 473–490. ISSN 0167-9236, doi:10.1016/j.dss.2007.06.009. Fu-ren Lin, Chia-Hao Liang. 10th Pacific Asia Conference on Information Systems, Kuala Lumpur, MALAYSIA, JUL 06-09, 2006.

3. "Measuring novelty and redundancy with multiple modalities in cross-lingual broadcast news". COMPUTER VISION AND IMAGE UNDERSTANDING, volume 110, number 3, JUN 2008, pages 418–431. ISSN 1077-3142, doi:10.1016/j.cviu.2007.09.015. Xiao Wu, Alexander G. Hauptmann, Chong-Wah Ngo.

2. "Multimodal news story clustering with pairwise visual near-duplicate constraint". IEEE TRANSACTIONS ON MULTIMEDIA, volume 10, number 2, FEB 2008, pages 188–199. ISSN 1520-9210, doi:10.1109/TMM.2007.911778. Xiao Wu, Chong-Wah Ngo, Alexander G. Hauptmann.

1. "Detecting and clustering multiple takes of one scene", 2008, volume 4903 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-77407-5, ISSN 0302-9743, pages 80–89. Werner Bailer, Felix Lee, Georg Thallinger.

"Systematic evaluation of machine translation methods for image and video annotation", July 2005, volume 3568 of Lecture Notes in Computer Science, pages 174–183. P. Virga, P. Duygulu [Citations: 1 (0 self)]

1. "Mining the web for appearance description", in Database and Expert Systems Applications, Proceedings, (Edited by R Wagner, N Revell, G Pernul), 2007, volume 4653 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-74467-2, ISSN 0302-9743, pages 790–800. Shun Hattori, Taro Tezuka, Katsumi Tanaka.

"Translating images to words for recognizing objects in large image and video collections", volume 4170 of Lecture Notes in Computer Science, 2006, pages 258–276. P. Duygulu, M. Bastan, D. Forsyth [Citations: 15 (3 self)]

1. "Automatic semantic annotation of real-world web images". IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, volume 30, number 11, NOV 2008, pages 1933–1944. ISSN 0162-8828, doi:10.1109/TPAMI.2008.125. R. C. F. Wong, C. H. C. Leung.

"Finding people frequently appearing in news", 2006, volume 4071 of Lecture Notes in Computer Science, pages 173–182. D. Ozkan, P. Duygulu [Citations: 2 (1 self)]

1. "Visual image retrieval". ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY, volume 42, 2008, pages 3–42. ISSN 0066-4200. Peter G. B. Enser.

"Human action recognition using distribution of oriented rectangular patches", 2007, volume 4814 of Lecture Notes in Computer Science, pages 271–284. N. Ikizler, P. Duygulu [Citations: 15 (3 self)]

15. "Human action recognition based on aggregated local motion estimates". <u>MACHINE VISION AND APPLICATIONS</u>, volume 23, number 1, JAN 2012, pages 135–150. ISSN 0932-8092, doi:10.1007/ s00138-010-0305-9. M. Lucena, N. Perez de la Blanca, J. M. Fuertes.

14. "Convex deficiencies for human action recognition". <u>JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS</u>, volume 64, number 3-4, DEC 2011, pages 353–364. ISSN 0921-0296, doi:10.1007/ s10846-011-9540-1. Mabel Iglesias-Ham, Edel Bartolo Garcia-Reyes, Walter George Kropatsch, Nicole Maria Artner.

13. "Spatiotemporal localization and categorization of human actions in unsegmented image sequences". <u>IEEE TRANSACTIONS ON IMAGE PROCESSING</u>, volume 20, number 4, APR 2011, pages 1126– 1140. ISSN 1057-7149, doi:10.1109/TIP.2010.2076821. Antonios Oikonomopoulos, Ioannis Patras, Maja Pantic.

12. "Sparse b-spline polynomial descriptors for human activity recognition". <u>IMAGE AND VISION COMPUTING</u>, volume 27, number 12, NOV 2009, pages 1814–1825. ISSN 0262-8856, doi:10.1016/ j.imavis.2009.05.010. Antonios Oikonomopoulos, Maja Pantic, Ioannis Patras.

11. "Human action recognition using optical flow accumulated local histograms", in <u>PATTERN RECOGNITION AND IMAGE ANALYSIS, PROCEEDINGS</u>, (Edited by H Araujo, AM Mendonca, AJ Pinho, MI Torres), 2009, volume 5524 of Lecture Notes in Computer Science, ISBN 978-3-642-02171-8, ISSN 0302-9743, pages 32–39. Manuel Lucena, Nicolas Perez de la Blanca, Jose Manuel Fuertes, Manuel Jesus Marin-Jimenez.

10. "Learning feature trajectories using gabor filter bank for human activity segmentation and recognition", in <u>SIXTH INDIAN CONFERENCE ON COMPUTER VISION, GRAPHICS & IMAGE PROCESSING ICVGIP 2008</u>, 2008, ISBN 978-1-4244-4219-5, pages 111–118. Sunil Kumar Gupta, Y. Senthil Kumar, K. R. Ramakrishnan.

9. "Histogram of oriented rectangles: A new pose descriptor for human action recognition". <u>IMAGE AND VISION COMPUTING</u>, volume 27, number 10, SEP 2 2009, pages 1515–1526. ISSN 0262-8856, doi:10.1016/j.imavis.2009.02.002. Nazli Ikizler, Pinar Duygulu.

8. "Advanced player activity recognition by integrating body posture and motion information", in <u>VISAPP 2009: PROCEEDINGS OF THE FOURTH INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, VOL 2</u>, 2009, ISBN 978-989-8111-69-2, pages 261–266. Marco Leo, Tiziana D'Orazio, Paolo Spagnolo, Pier Luigi Mazzeo.

7. "Spatiotemporal pyramid representation for recognition of facial expressions and hand gestures", in <u>2008 8TH IEEE INTERNATIONAL CONFERENCE ON AUTOMATIC FACE & GESTURE RECOGNITION (FG 2008), VOLS 1 AND 2</u>, 2008, ISBN 978-1-4244-2153-4, pages 355–360. Zhipeng Zhao, Ahmed Elgammal.

6. "Discriminative human action recognition using pairwise csp classifiers", in <u>2008 8TH IEEE INTERNATIONAL CONFERENCE ON AUTOMATIC FACE & GESTURE RECOGNITION (FG 2008), VOLS 1 AND 2</u>, 2008, ISBN 978-1-4244-2153-4, pages 90–95. Ronald Poppe, Mannes Poel.

5. "Multi-view player action recognition in soccer games", in <u>COMPUTER VISION/COMPUTER GRAPHICS COLLABORATION TECHNIQUES, PROCEEDINGS</u>, (Edited by A Gagalowicz, W Philips), 2009, volume 5496 of Lecture Notes in Computer Science, ISBN 978-3-642-01810-7, ISSN 0302-9743, pages 46–57. Marco Leo, Tiziana D'Orazio, Paolo Spagnolo, Pier Luigi Mazzeo, Arcangelo Distante.

4. "Recognizing actions from still images", in <u>19TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, VOLS 1-6</u>, 2008, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 978-1-4244-2174-9, ISSN 1051-4651, pages 1299–1302. Nazli Ikizler, R. Cokberk Cinbis, Selen Pehlivan, Pinar Duygulu.

3. "Human action recognition with line and flow histograms", in <u>19TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, VOLS 1-6</u>, 2008, INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION, ISBN 978-1-4244-2174-9, ISSN 1051-4651, pages 721–724. Nazli Ikizler, R. Gokberk Cinbis, Pinar Duygulu.

2. "Human hand gesture recognition using spatio-temporal volumes for human-computer interaction", in <u>2008 INTERNATIONAL SYMPOSIUM ON TELECOMMUNICATIONS, VOLS 1 AND 2</u>, 2008, ISBN 978-1-4244-2750-5, pages 713–718, doi:10.1109/ISTEL.2008.4651393. Maryam Vafadar, Afireza Behrad.

1. "Motion context: A new representation for human action recognition", in <u>COMPUTER VISION - ECCV 2008, PT IV, PROCEEDINGS</u>, (Edited by D Forsyth, P Torr, A Zisserman), 2008, volume 5305 of LECTURE NOTES IN COMPUTER SCIENCE, ISBN 978-3-540-88692-1, ISSN 0302-9743, pages 817–829. Ziming Zhang, Yiqun Hu, Syin Chan, Liang-Tien Chia.

"Tag Suggestr: Automatic photo tag expansion using visual information for photo sharing websites", 2008, volume 5392 of Lecture Notes in Computer Science, pages 61–73. O. Kucuktunc, S.G. Sevil, A.B. Tosun, H. Zitouni, P. Duygulu, F. Can [Citations: 2 (1 self)]

2. "Map-based image tag recommendation using a visual folksonomy". <u>PATTERN RECOGNITION LETTERS</u>, volume 31, number 9, JUL 1 2010, pages 976–982. ISSN 0167-8655, doi:10.1016/j.patrec. 2009.12.024. Sihyoung Lee, Wesley De Neve, Konstantinos N. Plataniotis, Yong Man Ro.

1. "Automatic tag expansion using visual similarity for photo sharing websites". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 49, number 1, SI, AUG 2010, pages 81–99. ISSN 1380-7501, doi: 10.1007/s11042-009-0394-5. Sare Gul Sevil, Onur Kucuktunc, Pinar Duygulu, Fazli Can.

"Histogram of oriented rectangles: A new pose descriptor for human action recognition". Image and Vision Computing, volume 27, number 10, 2009, pages 1515–1526. ISSN 0262-8856. N. Ikizler, P. Duygulu [Citations: 16 (0 self)]

16. "Recognition of human activities using a multiclass relevance vector machine". <u>OPTICAL ENGINEERING</u>, volume 51, number 1. ISSN 0091-3286, doi:10.1117/1.OE.51.1.017202. Weihua He, Kin Choong Yow, Yongcai Guo.

15. "On importance of interactions and context in human action recognition", in <u>PATTERN RECOGNITION AND IMAGE ANALYSIS: 5TH IBERIAN CONFERENCE, IBPRIA 2011</u>, (Edited by J Vitria, JM Sanches, M Hernandez), 2011, volume 6669 of Lecture Notes in Computer Science, ISBN 978-3-642-21256-7, ISSN 0302-9743, pages 58–66. Nataliya Shapovalova, Wenjuan Gong, Marco Pedersoli, Francesc Xavier Roca, Jordi Gonzalez.

14. "Rank-1 tensor projection via regularized regression for action classification". <u>INTERNATIONAL JOURNAL OF WAVELETS MULTIRESOLUTION AND INFORMATION PROCESSING</u>, volume 9, number 6, NOV 2011, pages 1025–1041. ISSN 0219-6913, doi:10.1142/S0219691311004420. Xian Wu, Jianhuang Lai, Xilin Chen.

13. "Modeling sense disambiguation of human pose: Recognizing action at a distance by key poses", in <u>COMPUTER VISION-ACCV 2010, PT I</u>, (Edited by R Kimmel, R Klette, A Sugimoto), 2011, volume 6492 of Lecture Notes in Computer Science, ISBN 978-3-642-19314-9, ISSN 0302-9743, pages 244–255. Snehasis Mukherjee, Sujoy Kumar Biswas, Dipti Prasad Mukherjee.

12. "Review of sensor-based activity recognition systems". <u>IETE TECHNICAL REVIEW</u>, volume 28, number 5, SEP-OCT 2011, pages 418–433. ISSN 0256-4602, doi:10.4103/0256-4602.85975. Donghai Guan, Tinghuai Ma, Weiwei Yuan, Young-Koo Lee, A. M. Jehad Sarkar.

11. "A unified framework for locating and recognizing human actions", in <u>2011 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR)</u>, 2011, IEEE Conference on Computer Vision and Pattern Recognition, ISBN 978-1-4577-0393-5, ISSN 1063-6919, pages 25–32. Yuelei Xie, Hong Chang, Zhe Li, Luhong Liang, Xilin Chen, Debin Zhao.

10. "Human action recognition via sum-rule fusion of fuzzy k-nearest neighbor classifiers", in <u>IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS (FUZZ 2011)</u>, 2011, IEEE International Conference on Fuzzy Systems, ISBN 978-1-4244-7317-5, ISSN 1098-7584, pages 484–489. Teck Wee Chua, Karianto Leman, Nam Trung Pham.

9. "Incremental action recognition using feature-tree", in <u>2009 IEEE 12TH INTERNATIONAL CONFERENCE ON COMPUTER VISION (ICCV)</u>, 2009, IEEE International Conference on Computer Vision, ISBN 978-1-4244-4419-9, ISSN 1550-5499, pages 1010–1017, doi:10.1109/ICCV.2009.5459374. Kishore K. Reddy, Jingen Liu, Mubarak Shah.

8. "Recognizing human action at a distance in video by key poses". <u>IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY</u>, volume 21, number 9, SEP 2011, pages 1228–1241. ISSN 1051-8215, doi:10.1109/TCSVT.2011.2135290. Snehasis Mukherjee, Sujoy Kumar Biswas, Dipti Prasad Mukherjee.

7. "Human action recognition by negative space analysis", in <u>2010 INTERNATIONAL CONFERENCE ON CYBERWORLDS (CW 2010)</u>, (Edited by A Sourin, O Sourina), 2010, ISBN 978-0-7695-4215-7, pages 354–359, doi:10.1109/CW.2010.29. Shah Atiqur Rahman, Liyuan Li, M. K. H. Leung.

6. "Recognizing human activities using non-linear svm decision tree", in <u>INTELLIGENT COMPUTING AND INFORMATION SCIENCE, PT I</u>, (Edited by R Chen), 2011, volume 134 of Communications in Computer and Information Science, ISBN 978-3-642-18128-3, ISSN 1865-0929, pages 82–92. Haiyong Zhao, Zhijing Liu, Hao Zhang.

5. "Making full use of spatial-temporal interest points: An adaboost approach for action recognition", in <u>2010 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING</u>, 2010, IEEE International Conference on Image Processing ICIP, ISBN 978-1-4244-7994-8, ISSN 1522-4880, pages 4677–4680, doi:10.1109/ICIP.2010.5653768. Xunshi Yan, Yupin Luo.

4. "Action recognition via cumulative histogram of multiple features". <u>OPTICAL ENGINEERING</u>, volume 50, number 1. ISSN 0091-3286, doi:10.1117/1.3530070. Xunshi Yan, Yupin Luo.

3. "A survey of vision-based methods for action representation, segmentation and recognition". <u>COMPUTER VISION AND IMAGE UNDERSTANDING</u>, volume 115, number 2, FEB 2011, pages 224–241. ISSN 1077-3142, doi:10.1016/j.cviu.2010.10.002. Daniel Weinland, Remi Ronfard, Edmond Boyer.

2. "Tensor-based projection using ridge regression and its application to action classification". <u>IET IMAGE PROCESSING</u>, volume 4, number 6, DEC 2010, pages 486–493. ISSN 1751-9659, doi: 10.1049/iet-ipr.2009.0278. X. Wu, J. Lai.

1. "A survey on vision-based human action recognition". <u>IMAGE AND VISION COMPUTING</u>, volume 28, number 6, JUN 2010, pages 976–990. ISSN 0262-8856, doi:10.1016/j.imavis.2009.11.014. Ronald Poppe.

"Automatic tag expansion using visual similarity for photo sharing websites". <u>Multimedia Tools and Applications</u>, volume 49, number 1. S.G. Sevil, O. Kucuktunc, P. Duygulu, F. Can [Citations: 2 (1 self)]

2. "Map-based image tag recommendation using a visual folksonomy". <u>PATTERN RECOGNITION LETTERS</u>, volume 31, number 9, JUL 1 2010, pages 976–982. ISSN 0167-8655, doi:10.1016/j.patrec.2009.12.024. Sihyoung Lee, Wesley De Neve, Konstantinos N. Plataniotis, Yong Man Ro.

1. "Automatic tag expansion using visual similarity for photo sharing websites". <u>MULTIMEDIA TOOLS AND APPLICATIONS</u>, volume 49, number 1, SI, AUG 2010, pages 81–99. ISSN 1380-7501, doi: 10.1007/s11042-009-0394-5. Sare Gul Sevil, Onur Kucuktunc, Pinar Duygulu, Fazli Can.

"Interesting faces: A graph based approach for finding people in news". Pattern Recognition, volume 43, number 5, May 2010, pages 1717–1735. D. Ozkan, P. Duygulu [Citations: 2 (1 self)]

2. "Map-based image tag recommendation using a visual folksonomy". PATTERN RECOGNITION LETTERS, volume 31, number 9, JUL 1 2010, pages 976–982. ISSN 0167-8655, doi:10.1016/j.patrec. 2009.12.024. Sihyoung Lee, Wesley De Neve, Konstantinos N. Plataniotis, Yong Man Ro.

1. "Automatic tag expansion using visual similarity for photo sharing websites". MULTIMEDIA TOOLS AND APPLICATIONS, volume 49, number 1, SI, AUG 2010, pages 81–99. ISSN 1380-7501, doi: 10.1007/s11042-009-0394-5. Sare Gul Sevil, Onur Kucuktunc, Pinar Duygulu, Fazli Can.