

## FULL PUBLICATION LIST

### Books and Book Chapters

1. Wang Z.T., Chen C.Y. and **Li W.J.**, “Information Diffusion Prediction Based on Social Representation Learning with Group Influence”, to appear in The Routledge Handbook of Applied Chinese Linguistics. Routledge (Book Chapter).
2. Wei F.R., **Li W.J.**, and Liu S.X., “Document-Aware Graph Models for Query-Oriented Multi-Document Summarization”, in Multimedia Analysis, Processing and Communications, 2011 (Book Chapter).
3. Li S.J., Lu Q. and **Li W.J.**, “Experiments of Ontology Construction with Formal Concept Analysis”, in Ontology and the Lexicon: A Natural Language Processing Perspective, March, 2010 (Book Chapter).
4. Wong K.F., **Li W.J.**, Xu R.F. and Zhang Z.C., Introduction to Chinese Natural Language Processing, Synthesis Lectures on Human Language Technologies, October 2009.
5. **Li W.J.**, Wong K.F. and Yuan C.F., “A Model for Processing Temporal References in Chinese”, in The Language of Time: A Reader, Edited by Inderjeet Mani, James Pustejovsky and Robert Gaizauskas, Oxford University Press, ISBN:0-19-926854-1, May, 2005 (Book Chapter).

### Journal Publications

1. Zhao X.Z., Hou Y.X., Song D.W. and **Li W.J.**, “A Confident Information First Principle for Parametric Reduction and Model Selection of Boltzmann Machines”, Accepted by IEEE Transactions on Neural Networks and Learning Systems, January, 2017.
2. Yang B., Lei Y., Liu J.M. and **Li W.J.**, “Social Collaborative Filtering by Trust”, Accepted by IEEE Transactions on Pattern Analysis and Machine Intelligence, August, 2016.
3. Chen C.Y., Gao D.H., **Li W.J.** and Hou Y.X., “Exploring Interpersonal Influence through Tracking User Dynamic Interaction”, 32(3):28-35, May, 2017.
4. Yu Z.W., Wang Z.T., Chen L.M., Guo B. and **Li W.J.**, “Featuring, Detecting, and Visualizing Human Sentiment in Chinese Micro-blog”, ACM Transactions on Knowledge Discovery from Data, 10(4):1-23, June, 2016.
5. Zhang R.X., **Li W.J.**, Liu N.S. and Lu Q., “Information Ordering with an Event-Enriched Vector Space Model for Multi-Document News Summarization”, 32(2):323-351, Computational Intelligence, May, 2016.
6. Zhang R.X., **Li W.J.**, Liu N.S. and Gao D.H., “Coherent Narrative Summarization with a Cognitive Model”, Computer Speech and Language, 35(1):134-160, January 2016.
7. Gao D.H., Wei F.R., **Li W.J.**, Liu X.H. and Zhou M., “Cross-Lingual Sentiment Lexicon Learning with Bilingual Word Graph Label Propagation”, Computational Linguistics, 41(1):21-40, March, 2015.
8. Zhang W.P., Lau R. Li C.P. and **Li W.J.**, “Dynamic Business Network Analysis for Correlated Stock Price Movement Prediction”, IEEE Transactions on Intelligent Systems, 30(2):26-33, March, 2015.
9. Sun X., H.F. Wang and **Li W.J.**, “Feature-Frequency-Adaptive Online Training for Natural Language Processing with Massive Features”, Computational Linguistics, 40(3):563-586, September, 2014.
10. Cai X.Y., **Li W.J.** and Zhang R.X., “Enhancing Diversity and Coverage of Document Summaries through Subspace Clustering and Clustering-based Optimization”, Information

- Science, 279(20):764-779, September, 2014.
11. Zhao X.Z., Hou Y.X., Song D.W. and **Li W.J.**, “Extending the Extreme Physical Information to Universal Cognitive Models via a Confident Information First Principle”, *Entropy*, 16(7):3670-3688, July, 2014.
  12. Hou Y.X., Wang B., Song D.W., Cao X.Y. and **Li W.J.**, “Quadratic Tsallis Entropy Bias and Generalized Maximum Entropy Models”, *Computational Intelligence*, 30(2):233-262, May, 2014.
  13. Gao D.H., **Li W.J.**, Cai X.Y., Zhang R.X. and Ouyang Y., “Sequential Summarization: A Full View of Twitter Trending Topics”, *IEEE/ACM Transactions on Audio, Speech and Language Processing*, 22(2):293-302, February, 2014.
  14. Cai X.Y., **Li W.J.** and Zhang R.X., “Combining Co-clustering with Noise Detection for Theme-based Summarization”, *ACM Transactions on Speech and Language Processing*, 10(4), No. 16, December, 2013.
  15. Sun X., Matsuzaki, T. and **Li W.J.**, “Latent Structured Perceptrons for Large-Scale Learning with Hidden Information”, *IEEE Transactions on Knowledge and Data Engineering*, 25(9):2063-2075, September, 2013.
  16. Hou Y.X., Zhao X.Z., Song D.W. and **Li W.J.**, “Mining Pure High-Order Word Association via Information Geometry for Information Retrieval”, *ACM Transactions on Information Systems*, 31(3), Number 12, July, 2013.
  17. Cai X.Y. and **Li W.J.**, “Ranking through Clustering: An Integrated Approach to Multi-Document Summarization”, *IEEE Transactions on Audio, Speech and Language Processing*, 21(7):1424-1433, July, 2013.
  18. Wang W., Li S.J., Li J.W., **Li W.J.** and Wei F.R., “Exploring Hypergraph-based Semi-Supervised Ranking for Query-oriented Summarization”, *Information Science*, 237(10):271-286, July, 2013.
  19. Zhang R.X., **Li W.J.** and Gao D.H., “Towards Content-level Coherence with Aspect-Guided Summarization”, *ACM Transactions on Speech and Language Processing*, 10(1), Number 2, March, 2013.
  20. Li B.L., **Li W.J.**, Lu Q., Zhang D.X., “Tracking Events via Automatically Generated Profiles”, *Journal of Computational Information Systems*, 9(6):2225-2234, March, 2013.
  21. Zhang R.X., **Li W.J.** Gao D.H., and Ouyang Y., “Automatic Twitter Topic Summarization with Speech Acts”, *IEEE Transactions on Audio, Speech and Language Processing*, 21(3):649-658, March, 2013.
  22. Ouyang Y., **Li W.J.**, Zhang R.X., Li, S.J. and Lu Q., “A Progressive Sentence Selection Strategy for Document Summarization”, *Information Processing and Management*, 49(1):213-221 January, 2013.
  23. Liu, M.F., Hu, H.J. **Li, W.**, “Multi-document extractive summarization using event semantic relation graph clustering”, *International Journal of Advancements in Computing Technology*,4(22):721-730, December, 2012.
  24. Cai X.Y. and **Li W.J.**, “Mutually Reinforced Manifold-Ranking based Relevance Propagation Model for Query-Focused Summarization”, *IEEE Transactions on Audio, Speech and Language Processing*, 20(5):1597-1607, July, 2012.
  25. Cai X.Y. and **Li W.J.**, “Enhancing Sentence Level Clustering with Integrated and Interactive Frameworks for Theme-based Summarization”, *Journal of the American Society for Information Science and Technology*, 62(10):2067-2082, October, 2011.
  26. Zhang P., **Li W.J.**, Wei F.R., Hou Y.X. and Song D.W., “Developing Position Structure-Based

- Framework for Chinese Entity Relation Extraction”, *ACM Transactions on Asian Language Information Processing*, 10(3), No4:1-22, September, 2011.
27. Cai X.Y. and **Li W.J.**, “A Spectral Analysis Approach to Document Summarization: Clustering and Ranking Sentences Simultaneously”, *Information Sciences*, 181(18):3816-3827, September, 2011.
  28. Hu Y. and **Li W.J.**, “Document Sentiment Classification by Exploring Description Model of Topical Terms”, *Computer Speech and Language*, 25(2):386-403, April, 2011.
  29. Ouyang Y., **Li W.J.**, Li, S.J. and Lu Q., “Applying Regression Models to Query-focused Multi-Document Summarization”, *Information Processing and Management*, 47(2):227-237, March, 2011.
  30. 刘茂福, 李文捷, 姬东鸿, “基于事件项语义图聚类的多文档摘要方法”, *中文信息学报*, 24(5):77-85, September, 2010.
  31. Li D.C., Li S.J., **Li W.J.** and Gu C.Y., “Keyphrases Extraction Based on Topic Relevance and Term Association”, *Journal of Information and Computational Science*, 7(1):293-299, 2010.
  32. Wei F.R., **Li W.J.**, and Liu S.X., “iRANK: A Rank-Learn-Combine Framework for Unsupervised Ensemble Ranking”, *Journal of the American Society for Information Science and Technology*, 61(6):1232-1243, June, 2010.
  33. Ouyang Y., **Li W.J.**, Li S.J. and Lu Q., “Inter-Topic Information Mining for Topic-based Summarization”, *Journal of the American Society for Information Science and Technology*, 61(5):1062-1072, May, 2010.
  34. Hou Y.X., Zhang P., Yan, T.X., **Li W.J.** and Song D.W., “Beyond Redundancies: A Metric-Invariant Method for Unsupervised Feature Selection”, *IEEE Transactions on Knowledge and Data Engineering*, 22(3):348-364, March, 2010.
  35. Wei F.R., **Li W.J.**, Lu Q. and He Y.X., “A Document-Sensitive Graph Model for Multi-Document Summarization”, *Knowledge and Information Systems*, 22(2):245-259, February, 2010.
  36. 谌贻容, 陆勤, **李文捷**, 崔高颖, “中文核心领域本体构建的一种改进方法”, *中文信息学报 (Journal of Chinese Information Processing)*, 24(1):48-53, January, 2010.
  37. 李素建, 宋涛, 高杰, 么鹏跃, **李文捷**, “一种基于使用差异的词语领域性分析方法”, *中文信息学报*, 23(6):72-78, November, 2009.
  38. Wei F.R., **Li W.J.**, Lu Q. and He Y.X., “Applying Two-Level Mutual Reinforcement Ranking in Query-Oriented Multi-Document Summarization”, *Journal of the American Society for Information Science and Technology*, 60(10):2119-2131, October, 2009.
  39. Xu R.F., Lu Q., Wong K.F. and **Li W.J.**, “Building a Chinese Collocation Bank”, *International Journal of Computer Processing of Languages*, 22(1):1-27, March, 2009.
  40. Hou Y.X., Zhang P., Xu X.X., Zhang X.W. and **Li W.J.**, “Nonlinear Dimensionality Reduction by Locally Linear Inlaying”, *IEEE Transactions on Neural Networks*, 20(2):300-315, February 2009.
  41. Wong K.F., Xia Y.Q., Xu R.F., Wu M.L. and **Li W.J.**, “Pattern-based Opinion Mining for Stock Market Trend Prediction”, *International Journal of Computer Processing of Oriental Languages, Special Issue on Opinion Mining*, 21(4):347-361, December, 2008.
  42. Cui G.Y., Lu Q., **Li W.J.** and Chen Y.R., “Attributes Selection in Chinese Ontology Acquisition with FCA”, *International Journal of Computer Processing of Oriental Languages*, 21(1):77-95, March, 2008.
  43. **Li W.J.**, Qian D.L., Lu Q. and Yuan C.F., “Chinese Entity Detection and Tracking: The

- Experience in ACE”, *International Journal of Computer Processing of Oriental Languages*, 20(4):219-236, December, 2007.
44. Li B.L., **Li W.J.** and Lu Q., “Topic Tracking with Time Granularity Reasoning”, *ACM Transactions on Asian Language Information Processing: Special Issue on Reasoning in Natural Language Processing*, 5(4):388-412, December, 2006.
  45. **Li W.J.**, Wu M.L., Lu Q. and Wong, K.F., “Integrating Temporal Distribution Information into Event-based Summarization”, *International Journal of Computer Processing of Oriental Languages*, 19(2&3):201-222, June-September, Combined Issue, 2006.
  46. Wong K.F., Xia Y.Q. and **Li W.J.**, “Linguistic and Behavioral Studies of Chinese Chat Language”, *International Journal of Computer Processing of Oriental Languages*, 19(2&3): 133-152, June-September, Combined Issue, 2006.
  47. Cao D.F., **Li W.J.**, Yuan C.F. and Wong K.F., “Automatic Chinese Aspectual Classification Using Linguistic Indicator”, *International Journal of Information Technology*, 12(4):99-109, April, 2006.
  48. Wong K.F., Xia Y.Q., **Li W.J.**, and Yuan C.F., “An Overview of Temporal Information Extraction”, *International Journal of Computer Processing of Oriental Languages: Special Issue on Advanced Technologies for Oriental Information Processing*, 18(2):137-152, June 2005.
  49. **Li W.J.**, Wong K.F. and Yuan C.F., “A Design of Temporal Event Extraction from Chinese Financial News”, *International Journal of Computer Processing of Oriental Language*, 16(1):21-40, March, 2003.
  50. **Li W.J.** and Wong, K.F., “The Design of a Statistical Algorithm for Resolving Structural Ambiguity in ‘V NP1 usde NP0’”, *Computational Intelligence*, 19(1):63-84, February, 2003.
  51. **Li W.J.** and Wong K.F., “A Word-based Approach for Modeling and Discovering Temporal Relations Embedded in Chinese Sentences”, *ACM Transactions on Asian Language Information Processing*, 1(3):173-206, September, 2002.
  52. Wong, K.F., **Li W.J.**, Yuan C.F. and Zhu X.D., “Temporal Representation and Classification in Chinese”, *International Journal of Computer Processing of Oriental Language*, 15(2):221-230, June, 2002.
  53. 王寧, 葛瑞芳, 苑春法, 黃錦輝, **李文捷**, “中文金融新聞中公司名的識別”, *中文信息學報*, 16(2):1-6, 2002.
  54. **Li W.J.**, Wong K.F. and Yuan C.F., “Towards Automatic Chinese Temporal Information Extraction”, *Journal of the American Society for Information Science and Technology*, 52(9):748-762, July 2001.
  55. Yuan C.F., Wong K.F., Chen G. and **Li W.J.**, “An Effective Method for Chinese Grammar Rule Learning”, *International Journal of Computer Processing of Oriental Language*, 14(4): 361-374, 2001.
  56. **Li W.J.** and Wong K.F., “Identifying Temporal Components in a Chinese Temporal Information System”, *International Journal of Computer Processing of Chinese and Oriental Language*, 13(2):131-140, 2000.
  57. 苑春法, 黃錦輝, **李文捷**, “基於語意知識的漢語句法結構排歧”, *中文信息學報*, 13(1):1-8, 1999.
  58. Wong, K.F., **Li W.J.**, Low, B.T., and Lum, V., “Resolving Relative Clause Structural Ambiguity in Chinese Noun Phrase Extraction”, *International Journal of Computer Processing of Chinese and Oriental Languages*, 11(2):99-132, 1997.

### **Top-Tier Conference Publications**

59. Tan H.H., Lv Z.Y. and **Li W.J.**, “Neural Network based Reinforcement Learning for Real-time Pushing on Text Stream”, to appear in Proceedings of the 40th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR’2017), Tokyo, Japan. August 7-11, 2017.
60. Wang Z.T., Chen C.Y. and **Li W.J.**, “Predictive Network Representation Learning for Link Prediction”, to appear in Proceedings of the 40th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR’2017), Tokyo, Japan. August 7-11, 2017.
61. Shen X.Y., Su H., Li Y.R., **Li W.J.**, Niu S.Z. and Aizawa A., “A Conditional Variational Framework for Dialog Generation”, to appear in Proceedings the 55th annual meeting of the Association for Computational Linguistics (ACL’2017), Vancouver, Canada, July 30 - August 4, 2017.
62. Shen X.Y., Su H., Li Y.R., **Li W.J.**, Niu S.Z. and Aizawa A., “A Conditional Variational Framework for Dialog Generation”, to appear in Proceedings of the 55th annual meeting of the Association for Computational Linguistics (ACL’2017), Vancouver, Canada, July 30 - August 4, 2017.
63. Ye J.B., Li Y.R., Wu Z.H., Wang J.Z., **Li W.J.** and Li J., “Determining Gains Acquired from Word Embedding Quantitatively using Discrete Distribution Clustering”, to appear in Proceedings the 55th annual meeting of the Association for Computational Linguistics (ACL’2017), Vancouver, Canada, July 30 - August 4, 2017.
64. Che T., Li Y.R., Jacob A., Bengio Y. and **Li W.J.**, “Mode Regularized Generative Adversarial Networks”, in Proceedings of International Conference on Learning Representations (ICLR’2017), Toulon, France, April 24 - 26, 2017.
65. Cao Z.Q., **Li W.J.**, Li S.J. and Wei F.R., “Improving Multi-Document Summarization via Text Classification”, in Proceedings of the 31st AAAI Conference on Artificial Intelligence (AAAI’2017), San Francisco, California, February 4-9, 2017, pp3053-3059.
66. Cao Z.Q., **Li W.J.**, Luo C.W. and Li S.J., “Joint Copying and Restricted Generation for Paraphrase”, in Proceedings of the 31st AAAI Conference on Artificial Intelligence (AAAI’2017), San Francisco, California, February 4-9, 2017, pp3152-3158.
67. Cao Z.Q., **Li W.J.**, Li S.J., Wei F.R. and Li Y.R., “AttSum: Joint Learning of Focusing and Summarization with Neural Attention”, in Proceedings of the 26th International Conference on Computational Linguistics (COLING’2016), Osaka, Japan, December 11-16, 2016, pp547-556.
68. Chen C.Y., Wang Z.T., Lei Y. and **Li W.J.**, “Content-based Social Influence Model on User Opinion Behavior Prediction”, in Proceedings of the 26th International Conference on Computational Linguistics (COLING’2016), Osaka, Japan, December 11-16, 2016, pp2207-2216.
69. Cao Z.Q., Chen C.Y., **Li W.J.**, Li S.J., Wei F.R. and Zhou M., “TGSUM: Build Tweet Guided Multi-Document Summarization Dataset”, in Proceedings of the 30th AAAI Conference on Artificial Intelligence (AAAI’2016), Arizona USA, February 12-17, 2016, pp 2906-2912.
70. Mi S., Zhao X.Z., Hou Y.X., Zhang P., **Li W.J.** and Song D., “Iterative Project Quasi-Newton Algorithm for Training RBM”, in Proceedings of the 30th AAAI Conference on Artificial Intelligence (AAAI’2016), Arizona USA, February 12-17, 2016, pp4236-4237.
71. Li Y.R. **Li W.J.** and Li S.J., “Component-Enhanced Chinese Character Embeddings”, in Proceedings of Conference on Empirical Methods in Natural Language Processing (EMNLP’2015), Lisboa, Portugal, September 17-21, 2015, pp829-834.
72. Xing N., Hou Y.X., Zhang P., **Li W.J.** and Song D.W., “Reinforcing the Topic of Embeddings

- with Theta Pure Dependence for Text Classification”, in Proceedings of Conference on Empirical Methods in Natural Language Processing (EMNLP’2015), Lisboa, Portugal, September 17-21, 2015, pp2551-2556.
73. Xie M.J., Hou Y.X., Zhang P., Li J.F., **Li W.J.**, and Song D.W., “Modeling Quantum Entanglements in Quantum Language Models”, in Proceedings of the 24th International Joint Conference on Artificial Intelligence (IJCAI’2015), Buenos Aires, Argentina, July 25 - August 1, 2015, pp1362-1368.
  74. Chen Q, **Li W.J.**, Lei Y. and Yuan Y.X., “Learning to Adapt Credible Knowledge in Cross-lingual Sentiment Analysis”, in Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics (ACL’2015), Beijing, China, July 26-31, 2015, pp419-429.
  75. Li Y.R. **Li W.J.** and Li S.J., “A Hierarchical Knowledge Representation for Expert Finding on Social Media”, in Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics (ACL’2015), Beijing, China, July 26-31, 2015, pp616-622.
  76. Cao Z.Q., Wei F.R., Li S.J. and **Li W.J.**, “Learning Summary Prior in Extractive Summarization”, in Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics (ACL’2015), Beijing, China, July 26-31, 2015, pp829-833.
  77. Cao Z.Q., Li S.J., Liu Y., **Li W.J.**, and Ji H., “A Novel Neural Topic Model and its Supervised Extension”, in Proceedings of the 29th AAAI Conference on Artificial Intelligence (AAAI’2015), Austin Texas, USA, January 25-30, 2015, pp2210-2216.
  78. Chen C.Y., Gao D.H., **Li W.J.** and Hou Y.X., “Inferring Topic-Dependent Influence Roles of Twitter Users”, in Proceedings of the 37th Annual International ACM SIGIR Conference (SIGIR’2014), Cold Coast, Australia, July 6-11, 2014, pp1203-1206.
  79. Li S.J., Wang L., Cao Z.Q. and **Li W.J.**, “Text-level Discourse Dependency Parsing”, in Proceedings of the 52nd Annual Meeting of the Association for Computational Linguistics (ACL’2014), Baltimore, USA, June 22-27, 2014, pp60-68.
  80. Meng F.Q., Gao D.H., **Li W.J.**, Sun X. and Hou Y.X., “A Unified Graph Model for Personalized Query-Oriented Reference Paper Recommendation”, in Proceedings of the 22nd ACM International Conference on Information and Knowledge Management (CIKM’2013), San Francisco, USA, October 27-November 1, 2013, pp1509-1512.
  81. Sun X., **Li W.J.**, Meng F.Q. and Wang H.F., “Generalized Abbreviation Prediction with Negative Full Forms and Its Application on Improving Chinese Web Search”, in Proceedings of the 6th International Joint Conference on Natural Language Processing (IJCNLP’2013), Nagoya, Japan, October 14-18, 2013, pp641-647.
  82. Gao D.H., **Li W.J.** and Zhang R.X., “Sequential Summarization: A New Application for Timely Updated Twitter Trending Topics”, in Proceedings of the 51st Annual Meeting of the Association for Computational Linguistics (ACL’2013), Sofia, Bulgaria, August 4-9, 2013, pp pp641-647.
  83. Li S.J., Li J.W., Song T. and **Li W.J.**, “A Novel Topic Model for Automatic Term Extraction”, in Proceedings of the 36th Annual International ACM SIGIR Conference (SIGIR’2013), Dublin, Ireland, July 28-August 1, 2013, pp885-888.
  84. Gao D.H., Wei F.R., **Li W.J.**, Liu X.H. and Zhou M., “Co-training Based Bilingual Sentiment Lexicon Learning”, in Proceedings of the 27th AAAI Conference on Artificial Intelligence (AAAI’2013), Washington, USA, July 14-18, 2013, pp26-28.
  85. Li S.J., Wang X., Li J.W. and **Li W.J.**, “Implicit Discourse Relation Recognition by Selecting Typical Training Examples”, in Proceedings of the 24th International Conference on Computational Linguistics (COLING’12), Mumbai, India, December 8-15, 2012, pp2757-2772.

86. Gao D.H., **Li W.J.** and Zhang R.X., “Efficient Feedback-based Feature Learning for Blog Distillation as a Terabyte Challenge”, in Proceedings of the 24th International Conference on Computational Linguistics (COLING’12), Mumbai, India, December 8-15, 2012, pp147-154.
87. Gao D.H., **Li W.J.** and Zhang R.X., “Beyond Twitter Text: A Preliminary Study on Twitter Hyperlink and its Application”, in Proceedings of the 24th International Conference on Computational Linguistics (COLING’12), Mumbai, India, December 8-15, 2012, pp155-162.
88. Gao D.H., **Li W.J.**, Zhang R.X., and Hou Y.X., “Twitter Hyperlink Recommendation with User-Tweet-Hyperlink Three-Way Clustering”, in Proceedings of the 21st ACM International Conference on Information and Knowledge Management (CIKM’2012), Maui Hawaii, USA, October 29 - November 2, 2012, pp2535-2538.
89. Zhang R.X., **Li W.J.** and Gao D.H., “Generating Coherent Summaries with Textual Aspects”, in Proceedings of the 26th Conference on Artificial Intelligence (AAAI’2012), Toronto, Canada, July 22-26, 2012, pp1727-1733.
90. Liu Y., Zhong S.H. and **Li W.J.**, “Query-oriented Multi-Document Summarization via Unsupervised Deep Learning”, in Proceedings of the 26th Conference on Artificial Intelligence (AAAI’2012), Toronto, Canada, July 22-26, 2012, pp1699-1705.
91. Sun X., Wang H.F. and **Li W.J.**, “Fast Online Training with Frequency-Adaptive Learning Rates for Chinese Word Segmentation and New Word Detection”, in Proceedings of the 50th Annual Meeting of the Association for Computational Linguistics (ACL’2012), Jeju Island, Republic of Korea, July 8-14, 2012, pp253-262.
92. Gao D.H., Zhang R.X., **Li W.J.**, Lau Y.K. and Wong K.F., “Learning Features through Feedback for Blog Distillation”, in Proceedings of the 34th Annual International ACM SIGIR Conference (SIGIR’2011), Beijing, China, July 24-28, 2011, pp1085-1086.
93. Tang J.T., Wang T., Wang J., Lu Q. and **Li W.J.**, “A Bipartite Graph based Social Network Splicing method for Person Name Disambiguation”, in Proceedings of the 34th Annual International ACM SIGIR Conference (SIGIR’2011), Beijing, China, July 24-28, 2011, pp1233-1234.
94. Tang J.T., Wang T., Lu Q. Wang J., and **Li W.J.**, “A Wikipedia Based Semantic Graph Model for Topic Tracking in Blogosphere”, in Proceedings of the 22nd International Joint Conference on Artificial Intelligence (IJCAI’11), Barcelona, Spain, July 16-22, 2011, pp2337-2342.
95. Tang J.T., Wang T., Wang J., Lu Q. and **Li W.J.**, “Using Complex Network Features for Fast Clustering in the Web”, in Proceedings of the 20th International World Wide Web Conference (WWW’11), India, March 28 - April 1, 2011, pp133-134.
96. Ouyang Y., **Li W.J.**, Zhang R.X. and Lu Q., “A Study on Position Information in Document Summarization”, in Proceedings of the 23rd International Conference on Computational Linguistics (COLING’10), Beijing, China, August 23-27, 2010, pp919-927.
97. Zhang R.X., **Li W.J.** and Qin Lu, “Sentence Ordering with Event-Enriched Semantics and Two-Layered Clustering for Multi-Document News Summarization”, in Proceedings of the 23rd International Conference on Computational Linguistics (COLING’10), Beijing, China, August 23-27, 2010, pp1489-1497.
98. Cai X.Y., **Li W.J.** and Ouyang Y., “Simultaneous Ranking and Clustering of Sentences: An Reinforcement Approach to Multi-Document Summarization”, in Proceedings of the 23rd International Conference on Computational Linguistics (COLING’10), Beijing, China, August 23-27, 2010, pp134-142.
99. Li D.C., Li S.J., and **Li W.J.**, “A Semi-Supervised Key Phrase Extraction Approach: Learning from Title Phrases through a Document Semantic Network”, in Proceedings of the 48th Annual Meeting of the Association for Computational Linguistics (ACL’10), Uppsala, Sweden, July 11-16, 2010, pp296-300.

100. Wang W., Wei F.R., **Li W.J.** and Li, S.J., “HyperSum: A Hypergraph Based Semi-Supervised Sentence Ranking for Query-Oriented Summarization”, in Proceedings of the 18th ACM Conference on Information and Knowledge Management (CIKM'09), Hong Kong, November 2-6, 2009, pp1855-1858.
101. Wei F.R., **Li W.J.**, Wang W. and He Y.X., “iRANK: An Interactive Ranking Framework and Its Application in Query-Focused Summarization”, in Proceedings of the 18th ACM Conference on Information and Knowledge Management (CIKM'09), Hong Kong, November 2-6, 2009, pp1557-1560.
102. Wei F.R., **Li W.J.** and He Y.X., “Co-feedback Ranking for Query-focused Summarization”, in Proceedings of the 47th Annual Meeting of the Association for Computational Linguistics (ACL'09), Singapore, July 3-5, 2009, pp117-120.
103. Ouyang Y., **Li W.J.** and Lu Q., “An Integrated Multi-Document Summarization Approach based on Word Hierarchical Representation”, in Proceedings of the 47th Annual Meeting of the Association for Computational Linguistics (ACL'09), Singapore, July 3-5, 2009, pp113-116.
104. Wong K.F., Wu M.L. and **Li W.J.**, “Extractive Summarization Using Supervised and Semi-Supervised Learning”, in Proceedings of the 22nd International Conference on Computational Linguistics (COLING'08), Manchester, UK, August 18-22, 2008, pp985-992.
105. Wei F.R., **Li W.J.**, Lu Q. and He Y.X., “PNR<sup>2</sup>: Ranking Sentences with Positive and Negative Reinforcement for Query-Oriented Update Summarization”, in Proceedings of the 22nd International Conference on Computational Linguistics (COLING'08), Manchester, UK, August 18-22, 2008, pp489-496.
106. Wei F.R., **Li W.J.**, Lu Q. and He Y.X., “Query-Sensitive Mutual Reinforcement Chain and Its Application in Query-Oriented Multi-Document Summarization”, in Proceedings of the 31st Annual International ACM SIGIR Conference (SIGIR'08), Singapore, July 20-24, 2008, pp283-290.
107. **Li W.J.**, Zhang P., Wei F.R., Hou Y.X. and Lu Q., “A Novel Feature-based Approach to Chinese Entity Relation Extraction”, in Proceedings of the 46th Annual Meeting of the Association for Computational Linguistics (ACL'08), Columbus, Ohio, June 16-18, 2008, pp89-92.
108. Ouyang Y., Li S.J. and **Li W.J.**, “Developing Learning Strategies for Topic-based Summarization”, in Proceedings of the ACM Sixteenth Conference on Information and Knowledge Management (CIKM'07), Lisboa, Portugal, November 6-9, 2007, pp79-86.
109. **Li W.J.**, Qian D.L., Yuan C.F. and Lu Q., “Detecting, Categorizing and Clustering Entity Mentions in Chinese Text”, in Proceedings of the 30th Annual International ACM SIGIR Conference (SIGIR'07), Amsterdam, Netherlands, July 23-27, 2007, pp647-654.
110. Liu M.F., **Li W.J.**, Wu M.L. and Lu Q., “Extractive Summarization Based on Event Term Clustering”, in Proceedings of the 45th Annual Meeting of the Association for Computational Linguistics (ACL'07), Prague, Czech Republic, June 23-30, 2007, pp185-188.
111. Li B.L., **Li W.J.** and Lu Q., “Enhancing Topic Tracking with Temporal Information”, in Proceedings of the 29th Annual International ACM SIGIR Conference (SIGIR'06), Seattle, USA, August 6-11, 2006, pp667-668.
112. **Li W.J.**, Xu W., Wu M.L., Yuan C.F. and Lu Q., “Extractive Summarization using Inter- and Intra- Event Relevance”, in Proceedings of the 21st International Conference Computational Linguistics and 44th Annual Meeting of ACL (ACL/COLING'06), Sydney, Australia, July 17-21 2006, pp369-376.
113. Xia Y.Q., Wong K.F. and **Li W.J.**, “A Phonetic-Based Approach to Chinese Chat Text Normalization”, in Proceedings of the 21st International Conference Computational Linguistics and 44th Annual Meeting of ACL (ACL/COLING'06), Sydney, Australia, July 17-21 2006, pp993-1000.



114. Li B.L., **Li, W.J.**, Lu Q., “Profile-based Event Tracking”, in Proceedings of the 28th Annual International ACM SIGIR Conference (SIGIR’05), Salvador, Brazil, August 15-19, 2005, pp631-632.
115. Wu, H.C., Luk, Robert, Kwok, K.L., Wong, K.F. **Li, W.J.**, “A Retrospective Study of Probabilistic Context-Based Retrieval”, in Proceedings of the 28th Annual International ACM SIGIR Conference (SIGIR’05), Salvador, Brazil, August 15-19, 2005, pp663-664.
116. Cao G.H., **Li, W.J.**, Wong K.F. and Yuan C.F., “Combining Linguistic Features with Weighted Bayesian Classifier for Temporal Reference Processing”, in Proceedings of the 20th International Conference on Computational Linguistics (COLING’04), Geneva, Switzerland, August 23-25, 2004, pp702-708.
117. **Li, W.J.**, Cao G.H., Wong K.F. and Yuan C.F., “Applying Machine Learning to Chinese Temporal Relation Resolution”, in Proceedings of the 42nd Annual Meeting of the Association for Computational Linguistics (ACL’04), Barcelona, Spain, July 21-26, 2004, pp583-589.

### **Other Conference and Workshop Publications**

118. Luo C.W., **Li. W.J.**, Chen Q. and He Y.X., “A Part-of-Speech Enhanced Neural Conversation Model”, in Proceedings of the 39th European Conference on Information Retrieval (ECIR’2017), Scotland UK, April 8-13, 2017, pp173-185.
119. Chen Q., **Li. W.J.**, Lei Y., Liu X.L., Luo C.W. and He Y.X., “Cross-lingual Sentiment Relation Capturing for Cross-lingual Sentiment Analysis”, in Proceedings of the 39th European Conference on Information Retrieval (ECIR’2017), Scotland UK, April 8-13, 2017, pp54-67.
120. Cao Z.Q., **Li W.J.** and Wu D.P., “PolyU at CL-SciSumm”, in Proceedings of the Joint Workshop on Bibliometric-enhanced Information Retrieval and Natural Language Processing for Digital Libraries (BIRNDL’16), Newark, USA, June 23, 2016, pp132-138.
121. Li M.L., Long Y.F., Lu Q. and **Li W.J.**, “Emotion Corpus Construction Based on Selection from Hashtags”, in Proceedings of the 10th Language Resources and Evaluation Conference (LREC’16), Portorož, Slovenia, May 23-28, 2016, pp1845-1849.
122. Lei Y., Chen C.Y., Chen Q. and **Li W.J.**, “User Preference Modeling by Trust Propagation for Rating Prediction”, in Proceedings of the 8th IEEE International Conference on Social Computing and Networking (SocialCom’15), Chengdu, China, December 19-21, 2015, pp500-506.
123. Chen C.Y., Gao D.H., **Li W.J.** and Hou Y.X., “A Constrained Multi-View Clustering Approach to Influence Role Detection”, in Proceedings of the IJCAI 2015 Workshop on Social Influence Analysis, Buenos Aires, Argentina, July 27, 2015, pp29-34.
124. Xu J., Lu Q., Li M.L. and **Li W.J.**, “Web Person Disambiguation Using Hierarchical Co-Reference Model”, in Proceedings of the 16th International Conference on Computational Linguistics and Intelligent Text Processing (CICLING’15), Cairo, Egypt, April 14-20, 2015, pp279-291.
125. Gao D.H., and **Li W.J.**, Ouyang Y. and Zhang R.X., “LDA-based Topic Formation and Topic-Sentence Reinforcement for Graph-Based Multi-Document Summarization”, in Proceedings of the eighth Asia Information Retrieval Societies Conference (AIRS’12), Tianjin, China, December 17-19, 2012, pp376-385.
126. Zhang W.P., Lau Y.K., Xia Y.Q., Li C.P., and **Li W.J.**, “Latent Business Networks Mining: A Probabilistic Generative Model”, in Proceedings of the 2012 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT’2012), Macau, December 4-7, 2012, pp558-562.
127. Li B.L., **Li W.J.** and Lu Q., “Events via Automatically Generated Profiles”, in Proceedings the

- Eighth National Conference on Information Retrieval (CCIR'12), Jiangxi China, November 28 - December 2, 2012, pp1384-1392.
128. Zhang R.X., Gao D.H. and **Li W.J.**, "Towards Scalable Speech Act Recognition in Twitter: Tackling Insufficient Training Data", in Proceedings of the EACL 2012 Workshop on Semantic Analysis in Social Networks, Avignon, France, April 23, 2012, pp18-26.
  129. Cai X.Y., R.X. Zhang, D.H. Gao and **Li W.J.**, "Simultaneous Clustering and Noise Detection for Theme-based Summarization", in Proceedings of the 5th International Joint Conference on Natural Language Processing (IJCNLP'11), Chiang Mai, Thailand, November 8-13, 2011, pp491-499.
  130. Zhang R.X., Gao D.H. and **Li W.J.**, "What Are Tweeters Doing: Recognizing Speech Acts in Twitter", in Proceedings of the AAAI 2011 Workshop on Analyzing Microtext, San Francisco, USA, August 8, 2011, pp86-91.
  131. Li, S.J., Wang, W. and **Li, W.J.**, "Exploring strategies for developing link analysis based question-oriented multi-document summarization models", in Proceedings of 2011 International Conference on Machine Learning and Cybernetics, Guilin, China, July 10-13, 2011, pp1896-1901.
  132. Chen Y., **Li W.J.**, Liu Y., Zheng D.Q. and Zhao Tiejun, "Exploring Deep Belief Network for Chinese Relation Extraction", in Proceedings of the CIPS-SIGHAN Joint Conference on Chinese Language Processing (CLP'10), Beijing, China, August 28-29, 2010.
  133. Cai X.Y. and **Li W.J.**, "A Context-Sensitive Manifold Ranking Approach to Query-Focused Multi-Document Summarization", in Proceedings of the 11th Pacific Rim International Conference on Artificial Intelligence (PRICAI'10), Daegu, Korea, August 30-September 2, 2010, pp27-38.
  134. Chen Y., Ouyang Y., **Li W.J.**, Zheng D.Q. and Zhao Tiejun, "Using Deep Belief Nets for Chinese Named Entity Categorization", in Proceedings of the ACL 2010 Workshop - Named Entities Workshop (NEWS'10), July 16, 2010.
  135. Ouyang Y., **Li W.J.** and Zhang R.X., "Key Phrase Extraction Based on Core Word Identification and Word Expansion", in Proceedings of the ACL 2010 Workshop - the 5th International Workshop on Semantic Evaluations (SemEval'10), July 15-16, 2010.
  136. Liu Maofu, **Li W.J.** and Hu H.J., "Extractive Summarization Based on Event Term Temporal Relation Graph and Critical Chain", in Proceedings of the fifth Asia Information Retrieval Symposium (AIRS'09), Sapporo, Japan, October 21-23, 2009, pp87-99.
  137. Cui G.Y., Lu Q., **Li W.J.** and Chen Y.R., "Mining Concepts from Wikipedia for Ontology Construction", in Proceedings of the WI-IAT'09 Workshop on Natural Language Processing and Ontology Engineering, Milan, Italy, September 15-18, 2009, pp287-290.
  138. Chen Y.R., Lu Q., **Li W.J.** and Cui G.Y., "A Novel Method to Improve Chinese Core Ontology Construction with Term Sharing Suffixes", in Proceedings of the tenth Chinese National Conference on Computational Linguistics (CNCCL'09), Yantai, China, July 24-26, 2009.
  139. Ye W., **Li W.J.**, Wei F.R. and Li C.B., "A Preliminary Study on Dynamic Keyword Extraction for Contextual Advertising", in Proceedings of SIGIR'09 Workshop on Information Retrieval and Advertising, Boston, US, July 23, 2009.
  140. Wei F.R., **Li W.J.**, Lu Q. and He Y.X., "Query-Oriented Summarization Based on Neighborhood Graph Model", in Proceedings of the 22nd International Conference on the Computer Processing of Oriental Languages (ICCPOL'09), Hong Kong, March 26-27, 2009, pp156-167.
  141. Ouyang Y., **Li W.J.**, Wei F. and Lu Q., "Learning Similarity Functions in Graph-based Document Summarization", in Proceedings of the 22nd International Conference on the

- Computer Processing of Oriental Languages (ICCPOL'09), Hong Kong, March 26-27, 2009, pp189-200.
142. Zhang J., Ouyang Y., **Li W.J.** and Hou Y.X., "A Novel Composite Kernel Approach to Chinese Entity Relation Extraction", in Proceedings of the 22nd International Conference on the Computer Processing of Oriental Languages (ICCPOL'09), Hong Kong, March 26-27, 2009, pp236-247.
  143. Cui G.Y., Lu Q., **Li W.J.** and Chen Y.R., "Automatic Acquisition of Attributes for Ontology Construction" in Proceedings of the 22nd International Conference on the Computer Processing of Oriental Languages (ICCPOL'09), Hong Kong, March 26-27, 2009, pp248-259.
  144. Liu Maofu, **Li W.J.** and Zhang J., "Event-based Summarization Using Critical Temporal Event Term Chain", in Proceedings of the 22nd International Conference on the Computer Processing of Oriental Languages (ICCPOL'09), Hong Kong, March 26-27, 2009, pp378-385.
  145. Xu R.F., Wong K.F., Lu Q., Xia Y.Q. and **Li W.J.**, "Learning Knowledge from Relevant Webpage for Opinion Analysis", in Proceedings of the 2008 IEEE/WIC/ACM International Conference on Web Intelligence (WI'08), Sydney, Australia, December 9-12, 2008, pp307-313.
  146. **Li W.J.**, Wei F.R., Ouyang Y., Lu Q. and He Y.X., "Exploiting the Role of Named Entities in Query-Oriented Document Summarization", in Proceedings of the 10th Pacific Rim International Conference on Artificial Intelligence (PRICAI'08), Hanoi, Vietnam, December 15-19, 2008, pp740-749.
  147. Hu Y., **Li W.J.** and Lu Q., "Developing Evaluation Model of Topical Term for Document-Level Sentiment Classification", in Proceedings of the 10th Pacific Rim International Conference on Artificial Intelligence (PRICAI'08), Hanoi, Vietnam, December 15-19, 2008, pp.
  148. Liu Y., Zhang Y., Sun M.S. and **Li W.J.**, "Full-reference Quality Diagnosis for Video Summary", in Proceedings of IEEE International Conference on Multimedia and Expo 2008 (ICME'08), Hannover, Germany, June 23-26, 2008, pp1489-1492.
  149. Zhang P. **Li W.J.**, Wei F.R., Lu Q. and Hou Y.X., "Exploiting the Role of Position Feature in Chinese Relation Extraction", in (CD) Proceedings of the sixth international conference on Language Resources and Evaluation (LREC'08), Morocco, May 28-30, 2008.
  150. Cui G.Y., Lu Q., **Li W.J.** and Chen Y.R., "Corpus Exploitation from Wikipedia for Ontology Construction", in (CD) Proceedings of the sixth international conference on Language Resources and Evaluation (LREC'08), Morocco, May 28-30, 2008.
  151. Chen Y.R., Lu Q., **Li W.J.** and Cui G.Y., "Chinese Core Ontology Construction from a Bilingual Term Bank", in (CD) Proceedings of the sixth international conference on Language Resources and Evaluation (LREC'08), Morocco, May 28-30, 2008.
  152. Xu R.F., Xia Y.Q., Wong K.F. and **Li W.J.**, "Opinion Annotation in On-line Chinese Product Reviews", in (CD) Proceedings of the sixth international conference on Language Resources and Evaluation (LREC'08), Morocco, May 28-30, 2008.
  153. Wei F.R., He Y.X., and **Li W.J.**, "Exploiting Query-Sensitive Similarity for Graph-Based Query-Oriented Summarization", in Proceedings of 2008 International Symposium on Information Processing, Moscow, Russia (ISIP'08), May 23-25, 2008, pp9-13.
  154. Wei F.R., **Li W.J.**, Lu Q. and He Y.X., "A Cluster-Sensitive Graph Model for Query-Oriented Multi-Document Summarization", in Proceedings of European Conference on Information Retrieval (ECIR'08), Glasgow, Scotland, March 30-April 3, 2008, pp446-453.
  155. Cui G.Y., Lu Q. and **Li W.J.**, "Preliminary Chinese Term Classification for Ontology Construction", in Proceedings of the 6th Workshop on Asian Language Resources (ALR'08), Hyderabad, India, January 11-12, 2008, pp17-24.
  156. Chen Y.R., Lu Q., **Li W.J.** and Cui G.Y., "Automatic Construction of Well-Founded Core

- Ontology from an English-Chinese Term Bank”, in Proceedings of OntoLex07 - From Text to Knowledge: The Lexicon/Ontology Interface, Busan, South Korea, November 11, 2007, pp78-87.
157. Li S.J., **Li W.J.**, and Lu Q., “Integrating Linguistic Patterns and Term-Entity Associations in Chinese Person Description Extraction”, in Proceedings of the 2007 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP/KE’07), Beijing, China, August 30-September 1, 2007, pp301-307.
  158. Wei F.R., **Li W.J.**, and He Y.X., “Measuring Relevance with Named Entity Based Patterns in Topic-Focused Document Summarization”, in Proceedings of the 2007 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP/KE’07), Beijing, China, August 30-September 1, 2007, pp111-118.
  159. Wu M.L., **Li W.J.**, Wei F.R., Lu Q. and Wong K.F., “Exploiting Surface, Content and Relevance Features for Learning-Based Extractive Summarization”, in Proceedings of the 2007 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP/KE’07), Beijing, China, August 30-September 1, 2007, pp234-241.
  160. Xu R.F., Lu Q., Li K.X. and **Li W.J.**, “Web Mining for Improving Risk Assessment in Port State Control Inspection”, in Proceedings of the 2007 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP/KE’07), Beijing, China, August 30-September 1, 2007, pp427-434.
  161. Xu R.F., Lu Q., Wong K.F. and **Li W.J.**, “Classification-based Chinese Collocation Extraction”, in Proceedings of the 2007 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP/KE’07), Beijing, China, August 30-September 1, 2007, pp308-315.
  162. Ji L.N., Lu Q., **Li W.J.** and Chen Y.R., “Automatic Construction of a Core Lexicon for Specific Domain”, in Proceedings of the 6th International Conference on Advanced Language Processing and Web Information Technology (ALPIT’07), Luoyang, China, August 22-24, 2007, pp183-188.
  163. Liu M.F., **Li W.J.**, Wu M.L. and Hu H.J., “Event-based Extractive Summarization using Event Semantic Relevance from External Linguistic Resource”, in Proceedings of the 6th International Conference on Advanced Language Processing and Web Information Technology (ALPIT’07), Luoyang, China, August 22-24, 2007, pp117-122.
  164. Xu R.F., Lu Q., **Li W.J.**, Li X.G. and Zheng H.S., “A Risk Assessment System for Improving Port State Control Inspection”, in Proceedings of the International Conference of Machine Learning and Cybernetics (ICMLC’07), Hong Kong, August 19-22, 2007, pp818-823.
  165. Xu W., Fu B., Liu L., Yuan C.F., and **Li W.J.**, “Domain Extension of Chinese Named Entity Recognition”, in Proceedings of the 9th National Joint Symposium on Computational Linguistics, Dalian, China, August 6-8, 2007, pp503-508.
  166. Xu R.F., Lu Q., Wong K.F. and **Li W.J.**, “Annotating Chinese Collocations with Multi Information”, in Proceedings of the Linguistic Annotation Workshop (The LAW): A Merger of NLPXML 2007 and FLAC 2007, June 28-29, 2007, pp61-68.
  167. Cui G.Y., Lu Q., **Li W.J.** and Chen Y.R., “Attributes Selection in Ontology Taxonomies Acquisition with FCA”, in Proceedings of the eighth Chinese Lexical Semantic Workshop, Hong Kong, May 21-23, 2007, pp210-215.
  168. Chen Y.R., Lu Q., **Li W.J.** and Cui G.Y., “Discovering Kind-of Relations for Ontology Construction”, in Proceedings of the eighth Chinese Lexical Semantic Workshop, Hong Kong, May 21-23, 2007, pp216-221.
  169. **Li W.J.**, Qian D.L. and Wu M.L., “PolyU Systems for Participating in ACE2007”, in Notebook of Automatic Content Extraction (ACE’07), Maryland, USA, December 28-30, 2007.

170. Wu M.L., **Li W.J.**, Lu Q. and Wong K.F., “Event-Based Summarization Using Time Features”, in Proceedings of the eighth International Conference on Intelligent Text Processing and Computational Linguistics (CiCling’07), LNCS 4394, Mexico City, Mexico, February 18-24, 2007, pp563-574.
171. Qian D.L., **Li W.J.**, Lu Q. and Yuan C.F., “Applying Machine Learning to Chinese Entity Detection and Tracking”, in Proceedings of the eighth International Conference on Intelligent Text Processing and Computational Linguistics (CiCling’07), LNCS 4394, Mexico City, Mexico, February 18-24, 2007, pp154-165.
172. Ji L.N., Sum M., Lu Q., **Li W.J.** and Chen Y.R., “Chinese Terminology Extraction using Window-based Contextual Information”, in Proceedings of the eighth International Conference on Intelligent Text Processing and Computational Linguistics (CiCling’07), LNCS 4394, Mexico City, Mexico, February 18-24, 2007, pp62-74.
173. Xu W., **Li W.J.**, Yuan C.F., Wu M.L. and Wong K.F., “Building Document Graph for Text Summarization: An Event-based Approach”, in Proceedings of the 21st International Conference on the Computer Processing of Oriental Languages (ICCPOL’06), Singapore, December 17-19, 2006, pp181-188.
174. Xu R.F., Wong K.F., Lu Q. and **Li W.J.**, “An Improved Method for Finding Bilingual Collocation Correspondences from Monolingual Corpora”, in Proceedings of the 21st International Conference on the Computer Processing of Oriental Languages (ICCPOL’06), Singapore, December 17-19, 2006, pp51-62.
175. Xu W., Yuan C.F, Wu M.L. and **Li W.J.**, “The THU/PolyU System at MSE 2006: An Event-relevance Based Approach”, in Notebook of Multilingual Summarization Evaluation (MSE’05), Sydney, Australia, July 23 2006.
176. **Li W.J.**, Li B.L., and Wu M.L., “Query Focus Guided Sentence Selection Strategy for DUC 2006”, in Proceedings of Document understanding Conference (DUC’06), New York, USA, June 8-9, 2006.
177. **Li W.**, Li, W.J., and Lu Q., “Mining Implicit Entities in Queries”, in Proceedings of the Fifth International Conference on Language Resources and Evaluation (LREC’06), Genoa, Italy, May 24-26, 2006.
178. Li S.J, Lu Q. and **Li W.J.**, “Interaction between Lexical Base and Ontology with Formal Concept Analysis”, in Proceedings of the Fifth International Conference on Language Resources and Evaluation (LREC’06), Genoa, Italy, May 24-26, 2006.
179. Chen, Y.R., Lu Q. and **Li W.J.**, “A Study on Terminology Extraction Based on Classified Corpora”, in Proceedings of the Fifth International Conference on Language Resources and Evaluation (LREC’06), Genoa, Italy, May 24-26, 2006.
180. Xia Y.Q., Wong K.F. and **Li W.J.**, “Constructing A Chinese Chat Language Corpus with A Two-Stage Incremental Annotation Approach”, in Proceedings of the Fifth International Conference on Language Resources and Evaluation (LREC’06), Genoa, Italy, May 24-26, 2006.
181. Xu W., **Li W.J.**, Wu M.L., Li W. and Yuan C.F., “Deriving Event Relevance from the Ontology Constructed with Formal Concept Analysis”, in Proceedings of the Seventh International Conference on Intelligent Text Processing and Computational Linguistics (CiCling’06), Mexico City, Mexico, February 19-25, 2006, pp480-489.
182. **Li W.J.**, Li W., Wu M.L., Xu W. and Li B.L., “The Hong Kong Polytechnic University at ACE2005”, in Notebook of Automatic Content Extraction (ACE’05), Maryland, USA, December 15-16, 2005.
183. Wong S.M., **Li W.J.** and Wong K.F., “A Framework for Modeling and Representing Temporal Discourse Structure”, in Proceedings of 2005 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP/KE’05), Wuhan, China, Oct

- 30-Nov 1, 2005, pp213-218.
184. Wu M.L., **Li W.J.**, Chen Q. and Lu Q., “Chinese Temporal Expression Normalization With Multi-Label Classification”, in Proceedings of 2005 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP/KE’05), Wuhan, China, Oct 30-Nov 1, 2005, pp318-323.
  185. Li S.J., Lu Q. and **Li, W.J.**, “Experiments of Ontology Construction with Formal Concept Analysis”, in Proceedings of IJCNLP Workshop on Ontologies and Lexical Resources (OntoLex’05), Jeju Island, Korea, October 15, 2005, pp67-75.
  186. Li W.Y., Lu Q. and **Li W.J.**, “Integrating Collocation Features in Chinese Word Sense Disambiguation”, in Proceedings of the 4th SIGHAN Workshop on Chinese Language Processing (SIGHAN’05), Jeju Island, Korea, October 14-15, 2005, pp87-93.
  187. Li W., Wong K.F, Yuan C.F. **Li W.J.**, and Xia Y.Q., “Improving Text Similarity Measurement by Critical Sentence Vector Model”, in Proceedings of Asia Information Retrieval Symposium (AIRS’05), Jeju Island, Korea, October 13-15, 2005, pp522-527.
  188. Li W., **Li W.J.**, Lu Q.and Wong K.F., “A Preliminary Work on Classifying Time Granularity of Temporal Questions”, in Proceedings of the Second International Joint Conference on Natural Language Processing (IJCNLP’05), Jeju Island, Korea, October 11-13, 2005, pp414-425.
  189. Wu M.L., **Li W.J.**, Lu Q. and Li B.L., “CTEMP: A Chinese Temporal Parser for Extracting and Normalizing Temporal Information”, in Proceedings of the Second International Joint Conference on Natural Language Processing (IJCNLP’05), Jeju Island, Korea, October 11-13, 2005, pp694-706.
  190. **Li, W.J.**, Li W., Li B.L., Chen Q. and Wu M.L., “The Hong Kong Polytechnic University at DUC2005”, in Proceedings of Document understanding Conference (DUC’05), Vancouver, Canada, October 9-10, 2005.
  191. Li S.J., **Li, W.J.**, Lu Q., “Verifying Person Descriptions with Term-Entity Association”, in Proceedings of the 4th International Conference on Machine Learning and Cybernetics (ICMLC’05), Guangzhou, China, August 18-21, 2005, pp50-55.
  192. Li W., Yuan C.F., Wong K.F., Cheng C.H. and **Li W.J.**, “Using Fuzzy Sets and Genetic Algorithm for Chinese Verb Classification”, in Proceedings of the 5th World Congress on Intelligent Control and Automation, Hangzhou, China, June 14-18, 2004, pp2112-2116.
  193. Huang Z., Wong K.F. and **Li W.J.**, Song D.W., and Bruza P., “Back to the Future: A Logical Framework for Temporal Information Representation and Inferencing from Financial News”, in Proceedings of IEEE Conference on Natural Language Processing and Knowledge Engineering (NLP-KE’03), Beijing, China, October 27-29, 2003, pp95-101.
  194. Zhou, J.H., Yuan C.F., Wong K.F. and **Li W.J.**, “Automatic Acquirement of Information Extraction Rules in Financial Area”, in Proceedings of the 20th International Conference on Computer Processing of Oriental Languages (ICCPOL’03), Shenyang, China, August 4-6, 2003, pp410-416. (in Chinese)
  195. Li Q.Z., Gao W., **Li, W.J.**, Wong K.F., Yuan C.F. and Wang Y., “Design Issues in a Chinese Financial Information Extraction System”, in Proceedings of the 20th International Conference on Computer Processing of Oriental Languages (ICCPOL’03), Shenyang, China, August 4-6, 2003, pp417-423.
  196. Li, W., Yuan C.F., Wong K.F. and **Li, W.J.**, “Text Similarity Calculating Based on Critical Sentence Vector Model”, in Proceedings of the 20th International Conference on Computer Processing of Oriental Languages (ICCPOL’03), Shenyang, China, August 4-6, 2003, pp424-430. (in Chinese)
  197. Li L., Yuan C.F., Wong K.F. and **Li W.J.**, “An Indexing Method Based on Sentences”, in

- Proceedings of the First SigHAN Workshop on Chinese Language Processing, ACL'2002 conference, Taipei, Taiwan, September 1, 2002, pp107-111.
198. Wang N., Yuan C.F., Wong K.F. and **Li W.J.**, "Anaphora Resolution in Chinese Financial News for Information Extraction", in Proceedings of the 4th World Congress on Intelligent Control and Automation, Shanghai, P.R.China, June 10-14, 2002, pp2422-2426.
  199. **Li, W.J.**, Wong K.F. and Yuan C.F. "Application and Difficulty of Natural Language Processing in Chinese Temporal Information Extraction", in Proceedings of the 6th Natural Language Processing Pacific Rim Symposium of Chinese Computing (NLPRS'01), Tokyo, Japan, November 27-29, 2001, pp501-506.
  200. **Li, W.J.**, Wong K.F. and Yuan C.F., "A Model for Temporal References in Chinese", in Proceedings of ACL Workshop on Temporal and Spatial Information Processing, ACL'2001 Conference, Toulouse, France, July 7, 2001, pp33-40.
  201. Liang C.L., **Li, W.J.**, Wong K.F. and Yuan C.F., "Extracting Temporal Events from Hong Kong Financial News", in Proceedings of the 19th International Conference on Computer Processing of Oriental Languages (ICCPOL'01), Seoul, Korea, 14-16 May 2001, pp47-53.
  202. Zhu X.D., Yuan C.F., Wong K.F. and **Li W.J.**, "An Algorithm for Situation Classification of Chinese Verbs", in Proceedings of the second Chinese Language Processing Workshop, Hong Kong, October 8, 2000, pp140-145.
  203. **Li W.J.**, Lam W.I. Lam and Wong, K.F., "Extraction of Time-related Concepts for Intelligent Information Retrieval in Chinese", in Proceedings of the 4th International Workshop on Information Retrieval with Asian Languages (IRAL'99), Taipei, November 11-12, 1999, pp71-77.
  204. Wong, K.F. and **Li W.J.**, "Classifying Temporal Concepts in Chinese for Information Extraction", in Proceedings of the 5th Natural Language Processing Pacific Rim Symposium (NLPRS'99), China, November 5-7, 1999, pp172-177.
  205. **Li W.J.** and Wong, K.F., "Chinese Temporal System and Temporal Components Identification", in Proceedings of the 18th International Conference on Computer Processing of Oriental Languages (ICCPOL'99), Tokushima, Japan, March 24-26, 1999, pp539-544. (Awarded paper)
  206. **Li, W.J.** and Wong K.F., "Chinese N1-V-V2 Compound Nouns Disambiguation", In Proceedings of 3rd International Workshop on Computational Semantics (IWCS-3), Tilburg, The Netherlands, January 13-15, 1999, pp177-190.
  207. Wong, K.F. and **Li, W.J.**, "Natural Language Processing for Chinese Information Retrieval", In Proceedings of International Conference on Chinese Information Processing (ICCIP'98), Beijing, China, November 18-20, 1998, pp434-443.
  208. Wong, K.F. and **Li, W.J.**, "A statistics-based Approach to Chinese Prepositional Phrase Disambiguation", in Proceedings of International Conference on Natural Language Processing and Industrial Applications (NLP+IA'98), Moncton, Canada, August 18-21, 1998, pp260-265.
  209. Wong, K.F. and **Li, W.J.**, "Intelligent Chinese Information Retrieval - Why Is It So Difficult", in Proceedings of First Asia Digital Library Workshop, Hong Kong, August 6-7, 1998, pp47-56.
  210. **Li, W.J.**, Wong, K.F., Low, B.T., Lum, V., and Tse, A., "Chinese Noun Phrase Extraction Based on the Statistical Distribution Information", in Proceedings of International Conference on Chinese Computing'96, Singapore, June 4-7, 1996, pp69-74.
  211. Tse, A., Wong, K.F., Low, B.T., Lum, V., and **Li, W.J.**, "CN3 - Chinese Noun Phrase Partial Parser", in Proceedings of International Conference on Chinese Computing'96, Singapore, June 4-7, 1996, pp61-68.
  212. **Li, W.J.**, Pan H.H., Zhou, M., Wong, K.F., and Lum, V., "Corpus-based Maximal-length Chinese Noun Phrase Extraction", in Proceedings of Natural Language Processing Pacific Rim

Symposium'95 (NLPRS'95), Seoul, Korea, December 4-7, 1995, pp246-251.

213. **Li, W.J.**, Pan H.H., Zhou, M., Wong, K.F., and Lum, V., “Are statistics-based Approach Good Enough for NLP? - A Case Study of Maximal-length NP Extraction in Mandarin Chinese”, in Proceedings of 8th ROCLING, Taiwan, August 1995, pp137-153.
214. **李文捷**, 周明, 潘海華, 林耀燊, 黃錦輝, “基於語料庫的中文最長名詞短語的自動抽取”, in 計算語言學進展與應用, 1995, pp119-124.
215. 林耀燊, **李文捷**, 黃錦輝, “信息系統的自然語言處理”, in 中國系統工程學會第八屆年會論文集《复杂巨系统理论方法》, 1994, pp447-450.

### **Other arXiv Publications**

1. Cao Z.Q., **Li W.J.**, Li S.J. and Wei F.R., “AttSum: Joint Learning of Focusing and Summarization with Neural Attention” , arXiv:1604.00125.