

REFERENCES

1. Adnan Duric and Fei Song. “Feature Selection for Sentiment Analysis Based on Content and Syntax Models”, Proceedings of the 2nd Workshop on Computational Approaches to Subjectivity and Sentiment Analysis (ACL-HLT 2011), pp. 96-103, 2011.
2. Alekh Agarwal and Pushpak Bhattacharyya, “Sentiment analysis: A new approach for effective use of linguistic knowledge and exploiting similarities in a set of documents to be classified”, Proceedings of the International Conference on Natural Language Processing (ICON), 2005.
3. Ana-Maria Popescu and Oren Etzioni. “Extracting Product Features and Opinions from Reviews”, Proceedings of the Human Language Technology Conference and the Conference on Empirical Methods in Natural Language Processing (HLT/EMNLP), 2005.
4. Andrea Esuli and Fabrizio Sebastiani.” Determining the Semantic Orientation of Terms through Gloss Classification”, Proceedings of the 14th ACM international conference on Information and knowledge management (CIKM '05), pp. 617-624, 2005.
5. Andrew L. Maas, Raymond E. Daly, Peter T. Pham, Dan Huang, Andrew Y. Ng, and Christopher Potts. “Learning Word Vectors for Sentiment Analysis”, Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics: Human Language Technologies (HLT '11), Volume 1, pp. 142–150, 2011.
6. Animesh Kar and Deba Prasad Mandal. “Finding Opinion strength Using Fuzzy Logic on Web Reviews”, International Journal of Engineering and Industries, vol. 2 No.1, 2011.
7. Anindya Ghose and Panagiotis G. Ipeirotis. “Designing Novel Review Ranking Systems: Predicting the Usefulness and Impact of Reviews”, Proceedings of the ninth international conference on Electronic commerce (ICEC'07), pp. 303-309, 2007.

8. Apte, C., Damerau, F. J. and Weiss S. M. "Automated Learning of Decision Rules for Text Categorization", ACM Transaction on Information Systems, Vol. 12, Issue No. 3, pp. 233-251, 1994b.
9. Apte, C., Damerau, F. J. and Weiss S. M. "Towards Language Independent Automated Learning of Text Categorization Models", Proceedings of the SIGIR-94, 17th ACM International Conference on Research and Development in Information Retrieval, Dublin, Springer-Verlag, New York, pp. 23-30, 1994a.
10. Apte, C., Damerau, F. J. and Weiss S. M. "Towards Language Independent Automated Learning of Text Categorization Models", Proceedings of the ACM-SIGIR Conference on Information Retrieval, Dublin, Springer-Verlag, Heidelberg, pp. 23-30, 1994c.
11. Arnd Christian Konig and Eric Brill. "Reducing the Human Overhead in Text Categorization", Proceedings of the 12th ACM SIGKDD international conference on Knowledge discovery and data mining (KDD '06), pp. 598-603, 2006.
12. Bing Liu. "Sentiment Analysis: A Multi-Faceted Problem", Journal of Intelligent Systems (IEEE), 2010.
13. Bing Liu. "Web Data Mining", Springer- Verlag Berlin Heidelberg, pp.411- 412, 2008.
14. Bing Liu. "Sentiment Analysis and Opinion Mining", Morgan & Claypool Publishers, pp. 30, 2012.
15. Bing Liu, Hu, M. and Cheng, J. "Opinion Observer: Analyzing and Comparing Opinions on the Web", Proceedings of the 14th Intl. World Wide Web Conf. (WWW'05), pp. 342-351, 2005.
16. Bo Pang and Lillian Lee. "A Sentimental Education: Sentiment Analysis Using Subjectivity Summarization Based on Minimum Cuts", In Proceedings of the ACL, pp. 271-278, 2004.
17. Bo Pang and Lillian Lee. "Seeing stars: Exploiting class relationships for sentiment categorization with respect to rating scales", Proceedings of the 43rd Annual Meeting on Association for Computational Linguistics (ACL '05), pp. 115-124, 2005.

18. Bo Pang, Lillian Lee and Shivakumar Vaithyanathan. "Thumbs up?: Sentiment Classification using Machine Learning Techniques", Proceedings of the ACL-02 conference on Empirical methods in natural language processing (EMNLP '02) - Volume 10, pp. 79-86, 2002.
19. Chen, H., and Ho, T. K. "Evaluation of decision forests on Text Categorization ", Proceedings of the 7th SPIE Conference on Document Recognition and Retrieval, San Jose, CA, SPIE – The International Society for Optical Engineering, Bellingham, WA:191-199, 2000.
20. Danushka Bollegala, David Weir and John Carroll. "Using Multiple Sources to Construct a Sentiment Sensitive Thesaurus for Cross-Domain Sentiment Classification", Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics: Human Language Technologies, pp. 132-141, 2011.
21. Derry Tanti Wijaya and Stéphane Bressan. "A Random Walk on the Red Carpet: Rating Movies with User Reviews and PageRank", Proceedings of the 17th ACM conference on Information and knowledge management (CIKM '08), pp. 951-960, 2008.
22. Dmitriy Besspalov, Bing Bai and Yanjun Qi. "Sentiment Classification Based on Supervised Latent n-gram Analysis", Proceedings of the 20th ACM international conference on Information and knowledge management (CIKM '11), pp. 375-382, 2011.
23. Domingos, P. and Pazzani, M. "On the optimality of the Simple Bayesian Classifier under Zero-One Loss ", Machine Learning, pp. 103-130, 1997.
24. Elizabeth A. Cudney, Jungeui Hong, Rajesh Jugulum, Kioumars Paryani, Kenneth M. Ragsdell and Genichi Taguchi. "An Evaluation of Mahalanobis-Taguchi System and Neural Network for Multivariate Pattern Recognition", Journal of Industrial and Systems Engineering, pp. 139 -150, 2007.
25. Ethem Alpaydin. "Introduction to Machine Learning", Second Edition, PHI Learning Private Limited, New Delhi, pp. 423-424, 2010.
26. Gamgarn Somprasertsri and Pattarachai Lalitrojwong. "Extracting Product Features and Opinions from Product Reviews Using Dependency Analysis", Proceedings of the Seventh International Conference on Fuzzy Systems and Knowledge Discovery (FSKD), pp. 2358-2362, 2010.

27. Genichi Taguchi and Rajesh Jugulum. "The Mahalanobis-Taguchi Strategy: A Pattern Technology system", John Wiley & Sons, Inc. pp. 6-7, 2002.
28. Genichi Taguchi, Subir Chowdhury and Yuin Wu. "Taguchi's Quality Engineering Handbook", John Wiley & Sons, Inc. pp. 398-399, 2004.
29. Guang Qiu, Bing Liu, Jiajun Bu and Chun Chen. "Opinion Word Expansion and Target Extraction through Double Propagation", Journal of Association for Computational Linguistics, pp.9-26, 2010.
30. Guohong Fu and Xin Wang. "Chinese Sentence-Level Sentiment Classification Based on Fuzzy Sets", Proceedings of the 23rd International Conference on Computational Linguistics (COLING '10), pp. 312-319, 2010.
31. Huifeng Tang, Songbo Tan and Xueqi Cheng. "A survey on sentiment detection of reviews", Journal of Expert Systems with Applications, pp. 10760-10773, 2009.
32. Jeonghee Yi , Tetsuya Nasukawa , Razvan Bunescu , Wayne Niblack. "Sentiment analyzer: Extracting sentiments about a given topic using natural language processing techniques", Proceedings of the international conference on Data Mining (ICDM), pp. 427—434, 2003.
33. Jingbo Zhu Muhua Zhu, Huizhen Wang, Benjamin K. Tsou. "Aspect-based Sentence Segmentation for Sentiment Summarization", Proceedings of the 1st international CIKM workshop on Topic-sentiment analysis for mass opinion (TSA '09), pp.65-72, 2009.
34. Joachims, T. "A Statistical Learning Model of Text Classification with Support Vector Machines", Proceedings of the SIGIR-01, 24th ACM International Conference on Research and Development in Information Retrieval, ACM Press, New York, pp. 128-136, 2001.
35. Joachims, T. "Estimating the Generalization Performance of a SVM Efficiently ", Proceedings of the ICML-00, 17th International Conference on Machine Learning, Morgan Kaufmann Publishers, San Francisco, pp. 431-438, 2000.
36. Joachims, T. "Learning to Classify Text Using Support Vector Machines", Dordrecht, Kulwer Academic Publishers, 2002.

37. Joachims, T. "Text Categorization with Support Vector Machines: Learning with Many Relevant Features", Proceedings of the ECML-98, 10th European Conference on Machine Learning, Germany, Springer-Verlag, pp. 137-142, 1998.
38. Joachims, T. "Transductive Inference for Text Classification using Support Vector Machines", Proceedings of the ICML-99, 16th International Conference on Machine Learning, Morgan Kaufmann Publishers, San Francisco, pp. 200-209, 1999.
39. Jorge Carrillo de Albornoz, Laura Plaza, Pablo Gervás. "A Hybrid Approach to Emotional Sentence Polarity and Intensity Classification", Proceedings of the Fourteenth Conference on Computational Natural Language Learning, pp. 153–161, 2010.
40. Jugulum, R. and Monplaisir, L. "Comparison between Mahalanobis Taguchi System and artificial neural networks", Journal of the Japanese quality Engineering Society, Vol 10(1), pp. 60-73, 2002.
41. KANAYAMA Hiroshi, NASUKAWA Tetsuya and WATANABE Hideo. "Deeper Sentiment Analysis Using Machine Translation Technology", Proceedings of the 20th international conference on Computational Linguistics (COLING '04), 2004.
42. Kushal Dave, Steve L and David M. Pennock. "Mining the Peanut Gallery: Opinion Extraction and. Semantic Classification of Product Reviews", Proceedings of the 12th international conference on World Wide Web (WWW '03), pp. 519-528, 2003.
43. Lewis, D.D. "Machine Learning for Text Categorization: Background and Characteristics", Proceedings of the 21st Annual National Online Meeting, M. E. Williams, ed. New York, Information Today, Medford, OR: 221-226, 2000.
44. Li, H., and Yamanishi, K. "Text Classification using ESC-Based Stochastic Decision Lists", Proceedings of the of CIKM-99, 8th ACM International Conference on Information and Knowledge Management, Kansas City, MO, ACM Press, New York, pp. 122-130, 1999.
45. Lotfi Zadeh, "Fuzzy Logic, Neural Networks and Soft Computing, Fuzzy Systems", Vol. 37, No. 3, pp. 77-84, 1994.
46. Lotfi Zadeh, "Fuzzy Sets", Information and Control, Vol. 8, No. 1, pp. 338-353, 1965.

47. Louis-Philippe Morency and Rada Mihalcea. "Towards Multimodal Sentiment Analysis: Harvesting Opinions from the Web", Proceedings of the 13th international conference on multimodal interfaces (ICMI '11), pp. 169- 176, 2011.
48. Ludmila, I. Kuncheva."Fuzzy Classifier Design", Physica-Verlag, New York, pp. 45, 2000.
49. Maite Taboada, Julian Brooke, Milan Tofiloski, Kimberly Voll and Manfred Stede. "Lexicon-Based Methods for Sentiment Analysis", Journal of Computational Linguistics, pp. 267-307, 2011.
50. Michael Gamon. "Sentiment classification on customer feedback data: noisy data, large feature vectors, and the role of linguistic analysis", Proceedings of the 20th international conference on Computational Linguistics (COLING '04), 2004.
51. Michael Negnevitsky. "Artificial Intelligence – A Guide to Intelligent Systems", Addison-Wesley, Pearson Education, Second Edition, pp. 94- 95, 2005.
52. Minqing Hu and Bing Liu."Opinion extraction and summarization on the web", proceedings of the 21st national conference on Artificial intelligence (AAAI'06) - Volume 2, pp. 1621-1624, 2006.
53. Murthy Ganapathibhotla and Bing Liu. "Mining Opinions in Comparative Sentences", Proceedings of the 22nd International Conference on Computational Linguistics (Coling 2008), 241—248, 2008.
54. Nikos Engonopoulos, Angeliki Lazaridou and Georgios Paliouras. "ELS: A Word-Level Method for Entity-Level Sentiment Analysis", Proceedings of the International Conference on Web Intelligence, Mining and Semantics (WIMS '11), 2011.
55. Nitin Jindal and Bing Liu. "Identifying Comparative Sentences in Text Documents", Proceedings of the 29th annual international ACM SIGIR conference on Research and development in information retrieval (SIGIR '06), pp. 244-251, 2006.
56. Peter D. Turney. "Thumbs up or thumbs down?: semantic orientation applied to unsupervised classification of reviews", Proceedings of the 40th Annual Meeting on Association for Computational Linguistics (ACL '02), pp. 417-424, 2002.

57. Pimwadee Chaovalit and Lina Zhou. "Movie review mining: A comparison between supervised and unsupervised classification approaches", Proceedings of the Hawaii International Conference on System Sciences (HICSS), pp. 1-9, 2005.
58. Qingliang Miao, Qiudan Li and Ruwei Dai. "AMAZING: A sentiment mining and retrieval system", Journal of Expert Systems with Applications, pp. 7192-7198, 2009.
59. Ramanathan Narayanan, Bing Liu and Alok Choudhary. "Sentiment Analysis of Conditional Sentences", Proceedings of the 2009 Conference on Empirical Methods in Natural Language Processing, pp. 180- 189, 2009.
60. Ronen Feldman, James Sanger. "The Text Mining Handbook Advanced Approaches in Analyzing Unstructured Data", Springer-Verlag Berlin Heidelberg, pp. 66, 2009.
61. Rudy Prabowo and Mike Thelwall. "Sentiment Analysis: A Combined Approach", Journal of Informetrics, pp. 143–157, 2009.
62. Samaneh Nadali, Masrah Azrifah Azmi Murad and Rabiah Abdul Kadir. "Sentiment Classification of Customer Reviews Based on Fuzzy logic", Proceedings of the International Symposium in Information Technology (ITSim), pp. 1037-1043, 2010.
63. Sebastini, F. "Machine Learning in Automated Text Categorization", ACM Computing Surveys, Vol. 34, Issue No. 1, pp. 1-47, 2002.
64. Sheng Gao and Haizhou Li. "A cross-domain adaptation method for sentiment classification using probabilistic latent analysis", Proceedings of the 20th ACM international conference on Information and knowledge management (CIKM '11), pp.1047-1052, 2011.
65. Siamak Faridani. "Using Canonical Correlation Analysis for Generalized Sentiment Analysis, Product Recommendation and Search", Proceedings of the fifth ACM conference on Recommender systems (RecSys '11), pp. 355-358, 2011.
66. Sławomir Zadrozny and Janusz Kacprzyk. "Computing with words for text processing: An approach to the text categorization", Journal of Information Sciences, pp. 415–437, 2006.
67. Soo-Min Kim and Eduard Hovy. "Determining the sentiment of opinions", Proceedings of the 20th international conference on Computational Linguistics (COLING '04), pp. 1-7, 2004.

68. Suli Zhang and Xin Pan. "A Novel Text Classification based on Mahalanobis distance", Proceedings of the 3rd International Conference on Computer Research and Development (ICCRD 2011), Vol.3, pp. 156-158, 2011.
69. Tanaka, K. "Introduction to Fuzzy Logic for Practical Applications", Springer – Verlag, New York, pp. 138, 1996.
70. Taras Zagibalov and John Carroll. "Automatic Seed Word Selection for Unsupervised Sentiment Classification of Chinese Text", Proceedings of the 22nd International Conference on Computational Linguistics (Coling 2008), pp. 1073–1080, 2008.
71. Tetsuya Nasukawa and Jeonghee Yi. "Sentiment Analysis: Capturing Favorability Using Natural Language Processing", Proceedings of the 2nd international conference on Knowledge capture (K-CAP '03), pp. 70-77, 2003.
72. Theresa Wilson, Janyce Wiebe and Paul Hoffmann. "Recognizing Contextual Polarity in Phrase-Level Sentiment Analysis", Proceedings of the conference on Human Language Technology and Empirical Methods in Natural Language Processing (HLT '05), pp. 347-354, 2005.
73. Turney, P. "Thumbs Up or Thumbs Down? Semantic Orientation Applied to Unsupervised Classification of Reviews", Proceedings of the Meeting of the Association for Computational Linguistics (ACL'02), pp.417-424, 2002.
74. Upasana Pandey, S. Chakraverty, Bhawna Juneja, Ashima Arora and Pratishtha Jain. "Semantic Document Classification using Lexical Chaining & Fuzzy Approach", International Journal of Soft Computing and Engineering (IJSCE), pp. 367-371, 2011.
75. Vapnik, V. "The Nature of Statistical Learning Theory", Berlin, Springer-Verlag, 1995.
76. Wei Jin, Hung Hay Ho and Rohini K. Srihari. "Opinion Miner: A Novel Machine Learning System for Web Opinion Mining and Extraction", Proceedings of the 15th SIGKDD conference on Knowledge Discovery and Data Mining, pp. 1195- 1203 , 2009.

77. Xiaowen Ding, Bing Liu and Lei Zhang. "Entity Discovery and Assignment for Opinion Mining Applications", Proceedings of the 15th SIGKDD conference on Knowledge Discovery and Data Mining, pp. 1125- 1133, 2009.
78. Yang, Y. "An evaluation of statistical approaches to MEDLINE indexing", Proceedings of AMIA-96, pp. 358-362, 1996.
79. Yang, Y. and Chute, C. G. "An Example-Based Mapping Method for Text Categorization and Retrieval", ACM Transaction of Information Systems, pp. 252-277, 1994.
80. Yang, Y. and Liu, X. "A Re-examination of Text Categorization Methods", Proceedings of SIGIR – 99, 22nd ACM International Conference on Research and Development in Information Retrieval, pp. 42-49, 1999.
81. Yejin Choi, Claire Cardie, Ellen Riloff and Siddharth Patwardhan. "Identifying Sources of Opinions with Conditional Random Fields and Extraction Patterns", Proceedings of the conference on Human Language Technology and Empirical Methods in Natural Language Processing (HLT '05), pp. 355-362, 2005.
82. Yi Hu, and Wenjie Li. "Document sentiment classification by exploring description model of topical terms", Computer Speech and Language, pp. 386–403, 2011.
83. Yohan Jo and Alice Oh. "Aspect and Sentiment Unification Model for Online Review Analysis", Proceedings of the fourth ACM international conference on Web search and data mining, pp. 815-824, 2011.
84. Yue Lu, Malu Castellanos, Umeshwar Dayal and Cheng Xiang Zhai, "Automatic Construction of a Context-Aware Sentiment Lexicon: An Optimization Approach", Proceedings of the 20th international conference on World Wide Web (WWW '11), pp. 347- 356, 2011.
85. Zhang Lei and Bing Liu. "Identifying Noun Product Features that Imply Opinions", Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics: Human Language Technologies (HLT '11), pp. 575-580, 2011.

86. Zhang Lei, Bing Liu, Suk Hwan Lim and Eamonn O'Brien-Strain. "Extracting and Ranking Product Features in Opinion Documents", Proceedings of the 23rd International Conference on Computational Linguistics (COLING '10), pp. 1462-1470, 2010.
87. Zhang, J., and Yang, Y. "Robustness of Regularized Linear Classification Methods in Text Categorization", SIGIR-03, 26th International Conference on Research and Development in Information Retrieval, ACM Press, New York, pp. 190-197, 2003.
88. Zhang, J., Jin, R., Yang, Y., and Hauptmann, A. "Modified Logistic Regression: An Approximation to SVM and its Applications in Large-Scale Text Categorization", ICML-03, 20th International Conference on Machine Learning, Washington, DC, Morgan Kaufmann Publishers, San Francisco, pp. 888-895, 2003.
89. Zhang, T., and Oles, F. J. "Text Categorization Based on Regularized Linear Classification Methods", Information Retrieval, Vol. 4, Issue No. 1, pp. 5-31, 2001.
90. Zhongwu Zhai, Bing Liu, Hua Xu and Peifa Jia. "Clustering Product Features for Opinion Mining", Proceedings of the fourth ACM international conference on Web search and data mining (WSDM '11), pp. 347-354, 2011.
91. ZHU Jian, XU Chen and WANG Han-shi. "Sentiment classification using the theory of ANNs", Journal of China Universities of Posts and Telecommunications, pp. 58-62, 2010.