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工作经历

副研究员. 中国科学院计算技术研究所(2013.9~现在).

助理研究员. 中国科学院计算技术研究所(2011.7~2013.9).

研究兴趣. 机器学习, 数据挖掘, 迁移学习, 推荐系统, 多任务学习

负责与参与项目情况 .

1. 国家重点研发计划项目课题, 多源不确定数据挖掘方法与技术, NO.2018YFB1004303, 2018.5-2021.4。主要成员
2. 国家自然科学基金面上项目, 基于深度学习的推荐算法研究, NO.61773361, 2018.1-2021.12。项目负责人
3. 中国科学院青年促进创新促进会, NO.2017146, 2017.1-2020.12。项目负责人
4. 国家自然科学基金面上项目, 面向异构环境的多任务多视图学习算法研究, NO.61473273, 2015.1-2018.12。项目负责人
5. 国家自然科学基金青年基金项目, 基于生成模型的迁移学习算法研究及其应用, NO.61203297, 2013.1-2015.12。项目负责人
6. 国家863项目课题, 城市人口全生命周期公共服务支撑技术与系统开发, NO.2013AA01A606, 2013.1-2015.12。子课题负责人
7. 国家863项目课题, 海量Web数据模式发现与结构化内容提取, NO.2012AA011003, 2012.1-2014.12。主要成员
8. 国家自然科学基金面上项目, 领域适应性问题相关学习算法与理论研究, NO.61175052, 2012.1-2015.12。主要成员
9. 广东省科技计划项目, 电信大数据分析及应用示范, NO.2015B010109005, 2015.5-2018.12。主要成员, 负责项目执行
10. 微信合作项目, 新闻推荐算法研究, 2018.6-2019.6。项目负责人
11. 北京联诚智胜战略合作项目, 机器学习算法在大数据挖场景中应用, 长期合作。项目负责人
12. 中科院计算所与微信联合实验室子项目, 基于深度学习的情感分类算法研究, 2017.8-2018.8。项目负责人
13. 微软亚洲研究院合作研究项目, 基于深度学习的推荐系统研究, 2016.1-2016.12。项目负责人
14. 百度松果计划项目, 面向互联网数据的知识图谱构建方法研究, 2016.3-2017.3。项目负责人
15. 中兴产学研项目, 机器学习算法在运营商大数据上的应用, 2016.8-2017.6。项目负责人
16. 某所横向项目, 并行数据挖掘, 2012.1-2012.8。项目负责人
17. 中兴横向项目, 基于云平台的并行文本挖掘技术研究, 2011.11-2012.8。主要成员
18. 上海证券交易所预研项目, 证券文本挖掘, 2011.06-2011.12。主要成员, 负责项目执行

教育背景

硕博生. 中国科学院计算技术研究所(2006.9~2011.7).
博士论文: 迁移学习中文本分类算法研究

联合培养. 明尼苏达大学-双城分校, 合作导师: Prof. George Karypis (2010.10~2011.3)

访问实习生. 香港科技大学, 合作导师: 杨强教授(2010.6~2010.7)

本科. 重庆大学计算机学院(2002.9~2006.7)

研究成果简介

本人主要从事机器学习和数据挖掘方面的相关研究工作，包括迁移学习、多任务学习、多视图学习、推荐系统以及并行分类算法等。共承担科研项目8项，其中主持国家自然科学基金3项(其中面上项目2项，青年基金项目1项)，参与重点研发计划和重点项目各1项、国家863项目2项、面上项目1项。近年来在领域顶级、重要国际期刊和会议发表论文超过80篇，其中SCI检索期刊26篇(影响因子总和88、6篇IEEE Transactions论文)，CCF B类以上54篇(CCF A类17篇)。发表在SDM2010以及CIKM2010上的迁移学习方面的工作获得了最佳论文提名，博士论文获得了中国人工智能学会优秀博士学位论文，指导学生获得了国际人工智能顶级会议IJCAI2015数据挖掘竞赛第二阶段第一名(任务是预测哪些用户会在同一个商家进行二次购买，从而把用户推荐给商家进行精准营销；全球有753个队伍参加。)。Google Scholar总引用1200多次，h-index 20。担任KDD、IJCAI、AAAI、CIKM、WSDM等领域国际会议程序委员会委员(其中还担任IJCAI2018, PAKDD2019高级程序委员会委员)，以及IEEE TKDE、ACM TKDD、IEEE TOC等国际权威期刊审稿人。在高效并行数据挖掘算法方面已经申请专利七项，其中授权四项，公开三项，另外获得软件著作权七项。参与组织开发了中国最早的基于云计算的并行数据挖掘平台PDMiner。2015年入选微软青年教师“铸星计划”；2016年获得百度“松果计划”资助；2017年入选中国科学院青年创新促进研究会。

奖励

2016.1	中国科学院计算技术研究所“卓越之星”
2015.7	人工智能顶级会议IJCAI2015数据挖掘竞赛冠军
2013.10	中国人工智能学会优秀博士学位论文奖
2011.7	中国科学院院长优秀奖
2011.7	中国科学院优秀毕业生
2010.10	CIKM2010最佳论文提名奖，学生参会资助奖
2010.5	SDM2010最佳论文提名奖
2007~2010.6	中国科学院研究生院三好学生(每年一次)
2011.1	中科院计算所优秀论文奖
2009.1	中国科学院计算技术研究所夏培肃奖学金
2006.7	重庆市优秀大学毕业生(占0.5%)
2006.7	重庆大学优秀大学毕业生(占2%)

论文发表

国际会议论文 (14 CCF A, 27 CCF B)

1. Jia He, Rui Liu, **Fuzhen Zhuang**, Fen Lin, Cheng Niu, Qing He: A General Cross-domain Recommendation Framework via Bayesian Neural Network. **ICDM** 2018.
2. Fei Yi, Zhiwen Yu, Fuzhen Zhuang, Xiao Zhang, Bin Guo, Hui Xiong: An Integrated Model for Crime Prediction Using Temporal and Spatial Factors. **ICDM** 2018.
3. Baoyu Jing, Chenwei Lu, Deqing Wang, Fuzhen Zhuang, Cheng Niu: Cross-Domain Labeled LDA for Text Classification. **ICDM** 2018.
4. Yuanbo Xu, Yongjian Yang, Jiayu Han, En Wang, Fuzhen Zhuang, Hui Xiong: Exploiting the Sentimental Bias between Ratings and Reviews for Enhancing Recommendation. **ICDM** 2018.
5. Zhao Zhang, **Fuzhen Zhuang***, Meng Qu, Fen Lin, Qing He: Knowledge Graph Embedding with Hierarchical Relation Structure. **EMNLP** 2018.
6. Zhao Zhang, **Fuzhen Zhuang**, Zheng-yu Niu, Deqing Wang*, Qing He: MultiE: Multi-Task Embedding for Knowledge Base Completion. **CIKM** 2018.
7. Ying Sun, Hengshu Zhu, **Fuzhen Zhuang***, Jingjing Gu, Qing He: Exploring the Urban Region-of-Interest through the Analysis of Online Map Search Queries. **KDD** 2018.
8. Xiao Zhang, Wenzhong Li, Vu Nguyen, **Fuzhen Zhuang***, Hui Xiong, Sanglu Lu: Label-Sensitive Task Grouping by Bayesian Nonparametric Approach for Multi-Task Multi-Label Learning. **IJCAI** 2018.
9. Haochao Ying, **Fuzhen Zhuang**, Fuzheng Zhang, Yanchi Liu, Guandong Xu, Xing Xie, Hui Xiong, Jian Wu: Sequential Recommender System based on Hierarchical Attention Networks. **IJCAI** 2018.
10. Jingwu Chen, **Fuzhen Zhuang**, Xin Hong, Xiang Ao, Xing Xie and Qing He: Attention-driven Factor Model for Explainable Personalized Recommendation. **SIGIR** 2018.

11. Xi Yang, Yuwei Huang, **Fuzhen Zhuang***, Lishan Zhang, Shenquan Yu: Automatic Chinese Short Answer Grading with Deep Autoencoder. International Conference on Artificial Intelligence in Education (**AIED**) 2018.
12. Yuwei Huang, Xi Yang, **Fuzhen Zhuang***, Lishan Zhang, Shengquan Yu: Automatic Chinese Reading Comprehension Grading by LSTM with Knowledge Adaptation. **PAKDD** 2018.
13. Jing Zheng, **Fuzhen Zhuang***, Chuan Shi: Local Ensemble across Multiple Sources for Collaborative Filtering. **CIKM** 2017.
14. Jia He, Changying Du, Changde Du, **Fuzhen Zhuang**, Qing He, Guoping Long: Nonlinear Maximum Margin Multi-View Learning with Adaptive Kernel. **IJCAI** 2017.
15. **Fuzhen Zhuang**, Lang Huang, He Jia, Jixin Ma and Qing He: Transfer Learning with Manifold Regularized Convolutional Neural Network. **KSEM** 2017.
16. **Fuzhen Zhuang**, Zhou Yingmin, Fuzheng Zhang, Xiang Ao, Xing Xie and Qing He: Sequential Transfer Learning: Cross-domain Novelty Seeking Trait Mining for Recommendation. **WWW** Poster Track 2017.
17. Xiang Ao, Ping Luo, Jin Wang, **Fuzhen Zhuang**, Qing He: Mining Precise-positioning Episode Rules from Event Sequences. **ICDE** Poster Track 2017.
18. **Fuzhen Zhuang**, Dan Luo, Nicholas Jing Yuan, Xing Xie, Qing He: Representation Learning with Pair-wise Constraints for Collaborative Ranking. **WSDM** 2017.
19. Jia He, Changying Du, **Fuzhen Zhuang**, Xin Yin, Qing He, Guoping Long: Online Bayesian Maximum-margin Subspace Multi-view Learning. **IJCAI** 2016.
20. **Fuzhen Zhuang**, Ping Luo, Sinno Jialin Pan, Hui Xiong, Qing He: Ensemble of Anchor Adapters for Transfer Learning. **CIKM** 2016.
21. Changying Du, **Fuzhen Zhuang**, Jia He, Qing He, Guoping Long: Learning beyond Predefined Label Space via Bayesian Nonparametric Topic Modelling. **ECML/PKDD** 2016.
22. Yitong Li, Chuan Shi, Huidong Zhao, **Fuzhen Zhuang**, Bin Wu: Aspect Mining with Rating Bias. **ECML/PKDD** 2016.
23. Jing Zheng, Jian Liu, Chuan Shi, **Fuzhen Zhuang**, Jingzhi Li, Bin Wu: Dual Similarity Regularization for Recommendation. **PAKDD** 2016.
24. **Fuzhen Zhuang**, Dan Luo, Xin Jin, Hui Xiong, Ping Luo, Qing He: Representation Learning via Semi-supervised Autoencoder for Multi-task Learning. **ICDM** 2015.
25. Xin Jin, **Fuzhen Zhuang**, Sinno Jialin Pan, Ping Luo, Qing He: Heterogeneous Multi-task Semantic Feature Learning for Classification. **CIKM** 2015.
26. Xin Jin, Ping Luo, **Fuzhen Zhuang**, Jia He, Qing He: Collaborating between Local and Global Learning for Distributed Online Multiple Tasks. **CIKM** 2015.
27. **Fuzhen Zhuang**, Xiaohu Cheng, Ping Luo, Sinno Jialin Pan, Qing He: Supervised Representation Learning: Transfer Learning with Deep Autoencoders. **IJCAI** 2015.
28. Changying Du, Shandian Zhe, **Fuzhen Zhuang**, Alan Qi, Qing He, Zhongzhi Shi: Bayesian Maximum Margin Principal Component Analysis. **AAAI** 2015.
29. Xiang Ao, Ping Luo, Chengkai Li, **Fuzhen Zhuang**, Qing He: Online Frequent Episode Mining. **ICDE** 2015.
30. Xinyu Wu, Ping Luo, Qing He, Tianshu Feng, **Fuzhen Zhuang**: Festival, Date and Limit Line: Predicting Vehicle Accident Rate in Beijing. **SDM** 2015.
31. **Fuzhen Zhuang**, Xiaohu Cheng, Sinno Jialin Pan, Wenchao Yu, Qing He, Zhongzhi Shi: Transfer Learning with Multiple Sources via Consensus Regularized Autoencoders. **ECML/PKDD (3)** 2014: 417-431.
32. Xin Jin, **Fuzhen Zhuang**, Hui Xiong, Changying Du, Ping Luo, Qing He: Multi-task Multi-view Learning for Heterogeneous Tasks. **CIKM** 2014: 441-450.
33. Wenjuan Luo, **Fuzhen Zhuang**, Xiaohu Cheng, Qing He, Zhongzhi Shi: Ratable Aspects over Sentiments: Predicting Ratings for Unrated Reviews. **ICDM** 2014.
34. Changying Du, Jia He, **Fuzhen Zhuang**, Yuan Qi, Qing He: Nonparametric Bayesian Multi-Task Large-margin Classification. **ECAI** 2014: 255-260.

35. Xiang Ao, Ping Luo, Chengkai Li, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi: Discovering and learning sensational episodes of news events. **WWW (Companion Volume) 2014** : 217-218.
36. Shuo Han, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi: Balanced Seed Selection for Budgeted Influence Maximization in Social Networks. **PAKDD (1) 2014** : 65-77.
37. **Fuzhen Zhuang**, Ping Luo, Peifeng Yin, Qing He, Zhongzhi Shi: Concept Learning for Cross-domain Text Classification: a General Probabilistic Framework. **IJCAI**, Beijing, China, pp.1960–1966, 2013.
38. **Fuzhen Zhuang**, Ping Luo, Changying Du, Qing He, Zhongzhi Shi. Triplex transfer learning: exploiting both shared and distinct concepts for text classification. **ACM WSDM**, Rome, Italy, pp.425–434, 2013.
39. Xin Jin, **Fuzhen Zhuang**, Shuihui Wang, Qing He, Zhongzhi Shi. Shared Structure Learning for Multiple Tasks with Multiple Views. **ECML/PKDD 2013**.
40. Wenchao Yu, Ping Luo, Guangxiang Zeng, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi. Embedding with Autoencoder Regularization. **ECML/PKDD 2013**.
41. Tianfeng Shang, Qing He, **Fuzhen Zhuang**, Zhongzhi Shi. Extreme Learning Machine Combining Matrix Factorization for Collaborative Filtering. International Joint Conference on Neural Networks (**IJCNN**), 2013.
42. Tianfeng Shang, Qing He, **Fuzhen Zhuang**, Zhongzhi Shi. A New Similarity Measure Based on Preference Sequences for Collaborative Filtering. The 15th Asia-Pacific Web Conference (**APWeb**), Sydney, Australia, pp.384-391, 2013.
43. Changying Du, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi. Multi-task Semi-supervised Semantic Feature Learning for Classification. in Proceedings of **the 10th IEEE ICDM**, Brussels, Belgium, pp.191-200, 2012.
44. Qing He, Zhi Dong, **Fuzhen Zhuang**, Tianfeng Shang, Zhongzhi Shi. Fast Time Series Classification Based on Infrequent Shapelets. International Conference on Machine Learning and Applications (ICMLA), Boca Raton, FL, USA, pp.215-219, 2012. (EI)
45. Wenjuan Luo, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi. Quad-tuple PLSA: Incorporating Entity and Its Rating for Aspect Identification. **PAKDD**, Kuala Lumpur, Malaysia, pp.292-404, 2012.
46. Qing He, Yunlong Ma, Qun Wang, **Fuzheng Zhuang**, Zhongzhi Shi. Parallel Outlier Detection Using KD-Tree Based on MapReduce, Cloud Computing 2011, pp.75-80 (EI Source)
47. Xudong Ma, Ping Luo, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi, Zhiyong Shen. “Combining Supervised and Unsupervised Models via Unconstrained Probabilistic Embedding”. in Proceedings of **IJCAI**, Barcelona, Spain, pp.1396-1401, 2011.
48. **Fuzhen Zhuang**, Ping Luo, Zhiyong Shen, Qing He, Yuhong Xiong, Zhongzhi Shi. “D-LDA: A Topic Modeling Approach without Constraint Generation for Semi-Defined Classification”. in Proceedings of **the 10th IEEE ICDM** , Sydney, Australia, pp. 709–718, 2010.
49. **Fuzhen Zhuang**, Ping Luo, Zhiyong Shen, Qing He, Yuhong Xiong, Zhongzhi Shi, Hui Xiong. “Collaborative Dual-PLSA: Mining Distinction and Commonality across Multiple Domains for Text Classification”. in Proceedings of **the ACM 19th CIKM**, Toronto, Canada, pp. 359–368, 2010. (**among the 8 best paper candidates**)
50. **Fuzhen Zhuang**, Ping Luo, Hui Xiong, Qing He, Yuhong Xiong, Zhongzhi Shi. “Exploiting Associations between Word Clusters and Document Classes for Cross-domain Text Categorization”. in Proceedings of **the SIAM SDM** , Columbus, Ohio, USA, pp. 13-24, 2010. (**among the 12 best paper candidates**)
51. Ping Luo, **Fuzhen Zhuang**, Hui Xiong, Yuhong Xiong, Qing He. “Transfer Learning From Multiple Source Domains via Consensus Regularization”. in Proceedings of **the ACM 17th CIKM** , Napa Valley, California, USA, pp. 103–112, 2008.

国际期刊论文 (3 CCF A, 10 CCF B)

1. Jia He, **Fuzhen Zhuang***, Yanchi Liu, Qing He, Fen Lin: Bayesian Dual Neural Networks for Recommendation. *Frontiers of Computer Science*, 2018.
2. Ding Xiao, Yugang Ji, Yitong Li, **Fuzhen Zhuang**, Chuan Shi: Coupled matrix factorization and topic modeling for aspect mining. **Information Processing and Management**, 2018.

3. Xiang Ao, Ping Luo, Chengkai Li, **Fuzhen Zhuang**, Qing He: Discovering and Learning Sensational Episodes of News Events. **Information Systems**, 2018.
4. Yangli-ao Geng, Qingyong Li, Rong Zheng, **Fuzhen Zhuang**, Ruisi He, Naixue Xiong: RECOME: a New Density-Based Clustering Algorithm Using Relative KNN Kernel Density. **Information Sciences**, 2018.
5. Xuebing Li, Ying Sun, **Fuzhen Zhuang***, Jia He, Zhao Zhang, Shijun Zhu, Qing He: Potential Off-grid User Prediction System Based on Spark. ZTE Communications, 2018.
6. Xiang Ao, Ping Luo, Jin Wang, **Fuzhen Zhuang**, Qing He: Mining Precise-positioning Episode Rules from Event Sequences. **TKDE**, 2017.
7. **Fuzhen Zhuang**, Xuebing Li, Xin Jin, Dapeng Zhang, Lirong Qiu, Qing He: Semantic Feature Learning for Heterogeneous Multi-task Classification via Non-negative Matrix Factorization. **IEEE Transactions on Cybernetics**, 2017. (Accept)
8. **Fuzhen Zhuang**, Xiaohu Cheng, Ping Luo, Sinno Jialin Pan, Qing He: Supervised Representation Learning with Double Encoding-layer Autoencoder for Transfer Learning. **ACM Transactions on Intelligent Systems and Technology**, 2017. (Accept)
9. **Fuzhen Zhuang**, Zhiqiang Zhang, Mingda Qian, Chuan Shi, Xing Xie and Qing He: Representation Learning via Dual-Autoencoder for Recommendation. **Neural Networks**, 2017.
10. Jing Zheng, Jian Liu, Chuan Shi, **Fuzhen Zhuang**, Jingzhi Li, Bin Wu: Recommendation in heterogeneous information network via dual similarity regularization. **International Journal of Data Science and Analytics**. 2017.
11. Chuan Shi, Jian Liu, **Fuzhen Zhuang**, Philip S. Yu, Bin Wu: Integrating Heterogeneous Information via Flexible Regularization Framework for Recommendation. **Knowledge and Information Systems** (2016).
12. Shuhui Wang, **Fuzhen Zhuang**, Shuqiang Jiang, Qingming Huang, Qi Tian: Cluster-Sensitive Structured Correlation Analysis for Web Cross-Modal Retrieval. **Neurocomputing** (2015).
13. Wenjuan Luo, **Fuzhen Zhuang**, Weizhong Zhao, Qing He, Zhongzhi Shi: QPLSA: Utilizing quadruples for aspect identification and rating. **Inf. Process. Manage.** 51(1): 25-41 (2015).
14. Wenchao Yu, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi: Learning deep representations via extreme learning machines. **Neurocomputing** 149 : 308-315 (2015).
15. Qing He, Haocheng Wang, **Fuzhen Zhuang**, Tianfeng Shang, Zhongzhi Shi: Parallel sampling from big data with uncertainty distribution. **Fuzzy Sets and Systems** 258 : 117-133 (2015).
16. **Fuzhen Zhuang**, Ping Luo, Changying Du, Qing He, Zhongzhi Shi, Hui Xiong: Triplex Transfer Learning: Exploiting Both Shared and Distinct Concepts for Text Classification. **IEEE T. Cybernetics** 44 (7): 1191-1203 (2014).
17. Xiang Ao, Ping Luo, Xudong Ma, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi, Zhiyong Shen: Combining supervised and unsupervised models via unconstrained probabilistic embedding. **Inf. Sci.** 257 : 101-114 (2014).
18. Shuo Han, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi, Xiang Ao: Energy Model for Rumor Propagation on Social Networks. **Physica A: Statistical Mechanics and its Applications**, 394: 99-109 (2014).
19. Qing He, Xin Jin, Changying Du, **Fuzhen Zhuang**, Zhongzhi Shi: Clustering in Extreme Learning Machine Feature Space. **Neurocomputing**, 2014.
20. Wenjuan Luo, **Fuzhen Zhuang**, Qing He, Zhongzhi Shi. Exploiting relevance, coverage, and novelty for query-focused multi-document summarization. **Knowledge-based Systems**. pp.33-42, 2013.
21. Qing He, Tianfeng Shang, **Fuzhen Zhuang**, Zhongzhi Shi. "Parallel Extreme Learning Machine for Regression based on MapReduce". **Neurocomputing**, pp.52-58, 2013.
22. Xin Jin, Yongquan Liang, Dongping Tian, **Fuzhen Zhuang**. Particle swarm optimization using dimension selection methods. *Applied Mathematics and Computation*, pp.5185-5197, 2013.
23. **Fuzhen Zhuang**, Ping Luo, Zhiyong Shen, Qing He, Yuhong Xiong, Zhongzhi Shi, Hui Xiong. "Mining Distinction and Commonality across Multiple Domains using Generative Model for Text Classification". **IEEE TKDE** , pp.2025-2039, 2012.
24. **Fuzhen Zhuang**, George Karypis, Xia Ning, Qing He, Zhongzhi Shi.: Multi-view Learning via Probabilistic Latent Semantic Analysis. **Information Sciences**, pp.20-30, 2012.

25. Shengmei Luo, Qing He, Lixia Liu, Xiang Ao, Ning Li, **Fuzhen Zhuang**: Parallel Web Mining System Based on Cloud Platform. *ZTE Communications*, 10(4): 45-53 (2012).
26. **Fuzhen Zhuang**, Ping Luo, Hui Xiong, Qing He, Yuhong Xiong, Zhongzhi Shi. "Exploiting Associations between Word Clusters and Document Classes for Cross-domain Text Categorization". *Statistical Analysis and Data Mining*, Wiley, pp.100-114, 2011.
27. Qing He, Changying Du, Qun Wang, **Fuzhen Zhuang**, Zhongzhi Shi. A parallel incremental extreme SVM classifier. *Neurocomputing*, pp.2532-2540, 2011.
28. **Fuzhen Zhuang**, Ping Luo, Hui Xiong, Yuhong Xiong, Qing He, Zhongzhi Shi. "Cross-domain Learning From Multiple Sources: A Consensus Regularization Perspective". *IEEE TKDE*, 2010, 22(12), pp. 1664-1678.
29. **Zhuang Fuzhen**, Luo Ping, He Qing, Shi Zhongzhi. "Inductive Transfer Learning for Unlabeled Target-domain via Hybrid Regularization". *Chinese Science Bulletin*, 2009, 54(14): 2470-2478.

中文期刊论文

1. 庄福振, 罗丹, 何清: 基于集成局部性特征学习的推荐算法. *计算机科学与探索*, 2018.
2. 李宁, 罗文娟, 庄福振, 何清, 史忠植. 基于MapReduce的并行PLSA算法及在文本挖掘中的应用. *中文信息学报*, 2015, 29(2): 79-86.
3. 庄福振, 罗平, 何清, 史忠植. 迁移学习研究进展. *软件学报*, 2015, 26(1): 26-39.
4. 何清, 庄福振, 曾立, 赵卫中, 谭庆. PDMiner: 基于云计算的并行分布式数据挖掘工具平台. *中国科学: 信息科学*, 2014, 44: 871-885.
5. 何清, 庄福振. 大数据挖掘与云服务模式. *高科技与产业化*, 2013, 8: 56-61.

专利与软件著作权

申请与获得专利:

1. 一种采用决策树的数据分类方法和系统, 发明, 2011, 专利号: 201110143821.7
2. 一种基于MapReduce的分布式垂直交叉网络爬虫系统, 发明, 2013, 专利号: 201310146080.7
3. 一种面向大数据的分布式单路径聚类主题发现算法, 发明, 2013, 专利号: 201310526790.2
4. 一种用于大数据的基于超曲面的分类方法及系统, 发明, 2013, 专利号: 201310727192.1
5. 一种基于并行自动编码机的特征学习方法和系统, 发明, 2016, 专利号: 2016101470075.1

申请与获得软件著作权:

1. Web挖掘云服务平台[简称WMCS]V1.0, 2013SR027808
2. 基于云计算的Web 挖掘系统[简称CWMS]V1.0, 2012SR119823
3. 数据挖掘云服务平台[简称COMS]V1.0, 2010SR060647
4. 并行分布式数据挖掘软件系统[简称PDMiner]V1.0, 2010SR005800
5. 基于几何超曲面的分类系统[简称HSC]V1.0, 2008SR02159
6. 城市人口全生命周期数据挖掘系统1.0, 2015SR071535
7. 迁移学习系统1.0, 2015SR195765

学术活动

社会任职:

- 1) 2013.9~至今 中国人工智能学会机器学习专委会, 委员
- 2) 2016.5~至今 中国计算机学会模式识别与人工智能专委会, 委员
- 3) 2016.5~至今 中国人工智能学会知识工程与分布智能专委会, 青年委员

参加国际会议:

- 1) 2010.4.29 - 5.1: 美国俄亥俄州哥伦布市参加SDM国际会议, 并作报告“Exploiting Associations between Word Clusters and Document Classes for Cross-domain Text Categorization”.
- 2) 2012.12.10 - 12.14: 新加坡参加ELM国际会议, 并作报告.

- 3) 2013.2.3 – 2.9: 意大利罗马参加WSDM国际会议, 并作报告“Triplex transfer learning: exploiting both shared and distinct concepts for text classification”.
- 4) 2013.8.3 – 8.9: 中国北京参加IJCAI国际会议, 并作报告“Concept Learning for Cross-domain Text Classification: a General Probabilistic Framework”.
- 5) 2014.9.14 – 9.20: 法国南希参加ECML国际会议, 并作报告“Transfer Learning with Multiple Sources via Consensus Regularized Autoencoders”.
- 6) 2014.12.13 – 12.18: 中国深圳参加ICDM国际会议, 并作报告“Ratable Aspects over Sentiments: Predicting Ratings for Unrated Reviews”.
- 7) 2015.7.24 – 8.1: 阿根廷布宜诺斯艾利斯参加IJCAI国际会议, 并作报告“Supervised Representation Learning: Transfer Learning with Deep Autoencoders”.
- 8) 2015.10.18 – 10.24: 澳大利亚墨尔本参加CIKM国际会议, 并作报告“Collaborating between Local and Global Learning for Distributed Online Multiple Tasks”和“Heterogeneous Multi-task Semantic Feature Learning for Classification”.
- 9) 2016.7.8 – 7.16: 美国纽约参加IJCAI国际会议, 并作报告“Online Bayesian Max-margin Subspace Multi-view Learning”.
- 10) 2017.2.5 – 2.11: 英国剑桥参加WSDM国际会议, 并作报告“Representation Learning with Pair-wise Constraints for Collaborative Ranking”.
- 11) 2017.4.2 – 4.9: 澳大利亚珀斯参加WWW国际会议, 并作报告“Sequential Transfer Learning: Cross-domain Novelty Seeking Trait Mining for Recommendation”.
- 12) 2017.8.19 – 8.25: 澳大利亚墨尔本参加IJCAI与KSEM国际会议, 并作报告“Nonlinear Maximum Margin Multi-View Learning with Adaptive Kernel”和“Transfer Learning with Manifold Regularized Convolutional Neural Network”.

期刊、会议审稿:

1) 国际期刊

- IEEE Transactions on Knowledge and Data Engineering
- IEEE Transactions on Cybernetics
- IEEE Transactions on Signal Processing
- ACM Transactions on Big Data
- ACM Transactions on Intelligent Systems and Technology
- IEEE Transactions on Signal Processing
- ACM Transactions on Knowledge Discovery from Data
- IEEE Signal Processing Letters
- Information Sciences
- International Journal of Machine Learning and Cybernetics
- Fuzzy Sets Systems
- International Journal of Computational Intelligence Systems
- Frontiers of Computer Science
- Pattern Recognition

2) 国际会议:

- PC Member:
 - IJCAI 2015, 2016, 2018
 - KDD 2015, 2016, 2018
 - ACL 2018

- CIKM 2017, 2018
- WAIM 2013, 2014, 2015, 2016
- WSDM 2017
- AAAI 2017, 2018, 2019
- UbiComp 2016
- SPC Member:
- IJCAI 2018
- PAKDD 2019

3) 国内期刊和会议

- 计算机学报
- 软件学报
- 自动化学报
- CCML, NCIP, CCDM, CCFAI