

Resume of Bingbing Jiang



Bingbing Jiang received the BSc degree from the School of Computer Science and Technology, Chongqing University of Posts and Telecommunications (CQUPT), Chongqing, China, in 2014, and the PhD degree from the School of Computer Science and Technology, University of Science and Technology of China (USTC), Hefei, China, in 2019. He is currently an Associate Professor at the School of Information Science and Technology, Hangzhou Normal University (HZNU), Hangzhou, China. His research interests lie in robust machine learning theory and data mining methods for various application scenarios, specifically including semi-supervised learning for big data, sparse learning for complex data, representation learning for high-dimensional data, causal learning and inference, Bayesian optimization, multi-view fusion and learning, and unsupervised clustering. His ORCID is [0000-0003-2217-6202](https://orcid.org/0000-0003-2217-6202), and his Google Scholar is: <https://scholar.google.com/citations?user=mJhOACUAAAAJ>.

Dr. Jiang has published more than 60 research peer-reviewed journal and prestigious conference papers in these fields, including IEEE Transactions on Pattern Analysis and Machine Intelligence, Information Fusion, Pattern Recognition, IEEE Transactions on Neural Network and Learning System, IEEE Transactions on Knowledge and Data Engineering, IEEE Transactions on Cybernetics, IEEE Transactions on Industrial Informatics, IEEE Transactions on Geoscience and Remote Sensing, IEEE Transactions on Emerging Topics in Computational Intelligence, Information Sciences, Expert Systems with Applications, ACM Transactions on Knowledge Discovery from Data, CAAI Transactions on Intelligence Technology, AAAI, IJCAI, ACM SIGKDD, ACM MM, ACM CIKM, etc. He is currently serving as a reviewer or program committee (PC) member for more than 20 prestigious journals and conferences. He serves as an Editorial Board member of Applied Soft Computing (Elsevier, Q1) and as an Associate Editor of Neurocomputing (Elsevier, Q1). For anything about the research and other related matters, please feel free to contact me via Email (jiangbb@hznu.edu.cn).

Main Research Interests

- Trustworthy Semi-supervised Learning: using a small amount of labeled data and a large amount of unlabeled data to improve the learning performance.
- Multi-view Learning: focusing on the robust representation, effective fusion, and intelligent analysis for homogeneous/heterogeneous data.
- Feature Selection for high-dimensional data, Algorithm Selection for LLM.
- Causal Discovery, Bayesian Inference, Sparse Learning.

- Fuzzy Clustering, Spectral Clustering, Density Clustering, Fault Detection for Industrial Processes, Graph Convolutional Networks.

Work and Education Experiences

- 2019.10- Present, Hangzhou Normal University, Associate Professor
 - Main cooperators: Weiping Ding, Zidong Wang, and Huanhuan Chen
- 2014.09-2019.06, University of Science and Technology of China, PhD
 - Supervisors and main cooperators: Huanhuan Chen and Xin Yao
 - Honors and Awards: Special Prize of President Scholarship in the Chinese Academy of Sciences in 2019, Outstanding Graduate Award of USTC in 2019, and National Scholarship of China in 2018.
- 2010.09-2014.06, Chongqing University of Posts and Telecommunications
 - Undergraduate advisor: Qinghua Zhang

Professional Services

Editorship Services

- Editorial Board Member, Applied Soft Computing (2024-present) (Q1)
- Associate Editor, Neurocomputing (2025-present) (Q1)

Program Committee Members

- The 42nd and 43rd International Conference on Machine Learning (ICML 2025/2026)
- The 37th, 38th, and 40th AAAI Conference on Artificial Intelligence (AAAI 2023/24/26)
- The 13th International Conference on Learning Representations (ICLR 2025)
- The 38th Annual Conference on Neural Information Processing Systems (NeurIPS 2024)
- The 33rd and 34th ACM International Conference on Multimedia (ACM MM 2024/25)

Journal Invited Reviewers

- IEEE Transactions on Pattern Analysis and Machine Intelligence (IEEE)
- IEEE Transactions on Knowledge and Data Engineering (IEEE)
- IEEE Transactions on Neural Networks and Learning Systems (IEEE)
- IEEE Transactions on Fuzzy Systems (IEEE)
- IEEE Transactions on Image Processing (IEEE)
- IEEE Transactions on Emerging Topics in Computational Intelligence (IEEE)
- IEEE Transactions on Industrial Informatics (IEEE)
- IEEE Transactions on Big Data (IEEE)
- IEEE Transactions on Cybernetics (IEEE)
- IEEE Transactions on Information Forensics & Security (IEEE)
- IEEE Transactions on Dependable and Secure Computing (IEEE)
- IEEE Transactions on Circuits and Systems for Video Technology (IEEE)
- IEEE Transactions on Multimedia (IEEE)
- IEEE Transactions on Systems, Man and Cybernetics: Systems (IEEE)

- IEEE Transactions on Signal Processing (IEEE)
- IEEE/CAA Journal of Automatica Sinica (IEEE)
- IEEE Internet of Things Journal (IEEE)
- IEEE Journal of Biomedical and Health Informatics (IEEE)
- Information Fusion (Elsevier)
- Pattern Recognition (Elsevier)
- Information Sciences (Elsevier)
- Applied Soft Computing (Elsevier)
- Neurocomputing (Elsevier)
- Neural Networks (Elsevier)
- Expert Systems with Applications (Elsevier)
- Knowledge-base Systems (Elsevier)
- ACM Transactions on Knowledge Discovery from Data (ACM)

Publications Full List (* Corresponding author, † Equal contribution)

- [1] Xinyan Liang, ShuaiLi, Qian Guo, Yuhua Qian, **Bingbing Jiang**, et al. Evolutionary Multi-View Classification via Eliminating Individual Fitness Bias[C]. In Conference on Neural Information Processing Systems. 2026 (Accepted).
- [2] Yadi Wang, Tengfei Zhou, Xiaoding Guo, **Bingbing Jiang**, et al. Adaptive Group Sparse Multi-View Classification Method based on Mutual Information[J]. Pattern Recognition. DOI: 10.1016/j.patcog.2025.112931.
- [3] **Bingbing Jiang**, Zhongli Wang, Jie Yang, Guang-Kui Xu, Wei Chen, et al. Self-Enhanced Density Clustering for High Dimension and Low Sample Size Data[C]. In the ACM SIGKDD Conference on Knowledge Discovery and Data Mining. 2026 (Accepted).
- [4] Tongxue Zhou, Mingyang Li, Su Ruan, Tingjin Luo, **Bingbing Jiang**, et al. A reliable framework for brain tumor segmentation via multi-modal fusion and uncertainty modeling[J]. Information Fusion. DOI: 10.1016/j.inffus.2025.104085.
- [5] Jie Yang, Cheng-You Lu, Zhongli Wang, Hsiang-Ting Chen, Guang-Kui Xu, Chenglong Zhang, Shuting Dong, Xinyan Liang, **Bingbing Jiang***. Multi-View Clustering with Granularity-Aware Pseudo Supervision[C]. In Proceedings of the AAAI Conference on Artificial Intelligence. 2026 (Accepted).
- [6] Li Lv, Qian Guo, Li Zhang, Liang Du, **Bingbing Jiang**, et al. Uncertainty-Guided View-Strength-Aware Feature Utilization for Multi-View Classification [C]. In Proceedings of the AAAI Conference on Artificial Intelligence. 2026 (Accepted).
- [7] Xinyan Liang, Shijie Wang, Yuhua Qian, Qian Guo, Liang Du, **Bingbing Jiang**, et al. Trusted Multi-View Classification with Expert Knowledge Constraints[C]. In the International Conference on Machine Learning. 2025 (Accepted).
- [8] Jiale Zhou, Yan Chen, **Bingbing Jiang**, Peng Zhou, et al. Robust Tensor Learning with Graph Diffusion for Scalable Multi-view Graph Clustering[C]. In Proceedings of the ACM International Conference on Multimedia. 2025: 2207-2215.
- [9] Junyi Guan, **Bingbing Jiang**, WeiguoSheng, Yangyang Zhao, et al. Peak-Padding: Clustering by Padding Density Peaks With the Minimum Padding Cost[J]. IEEE Transactions on Neural Networks and Learning Systems. DOI: 10.1109/TNNLS.2025.3606527.

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- [12] Yan Chen, **Bingbing Jiang**, Peng Zhou, Lei Duan, Yuhua Qian, Liang Du. Balanced Multiple Kernel Clustering with Discrete Partition Entropy Auto Regularization[C]. In *Proceedings of the ACM International Conference on Multimedia*. 2025: 2197-2206.
- [13] **Bingbing Jiang**, Chenglong Zhang, Xinyan Liang, et al. Collaborative Similarity Fusion and Consistency Recovery for Incomplete Multi-view Clustering[C]. In *Proceedings of the AAAI Conference on Artificial Intelligence*. 2025: 21411-21419.
- [14] Zhongli Wang, Jie Yang, Junyi Guan, Chenglong Zhang, Xinyan Liang, **Bingbing Jiang***, Weiguo Sheng. Enhanced Density Peak Clustering for High-dimensional Data[C]. In *Proceedings of the AAAI Conference on Artificial Intelligence*. 2025: 17617-17625.
- [15] Zhaolong Ling, Jiale Yu, Yiwen Zhang, Debo Cheng, Peng Zhou, Xingyu Wu, **Bingbing Jiang**, Kui Yu. Local Causal Discovery Without Causal Sufficiency[C]. In *Proceedings of the AAAI Conference on Artificial Intelligence*. 2025: 18737-18745.
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