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, and his Google Scholar is: https://scholar.google.com/citations?user=mJhOACUAAAAJ.

Dr. Jiang has published more than 70 research papers in peer-reviewed journals and prestigious conferences in these fields, including IEEE TPAMI, IEEE TIP, IEEE TNNLS, IEEE TFS, IEEE TKDE, IEEE TCYB, IEEE TII, IEEE TGRS, IEEE TETCI, ACM TKDD, ACM SIGKDD, ACM MM, AAAI, IJCAI, etc. He is currently serving as a reviewer or program committee (PC) member for more than 30 prestigious journals and conferences. He serves as an Editorial Board member of Applied Soft Computing (Elsevier, Q1) and Information Processing & Management (Elsevier, Q1), an Associate Editor of Neurocomputing (Elsevier, Q1), Pattern Recognition (Elsevier, Q1), and IEEE Signal Processing Letters (IEEE, Q2). 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
- 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)
- Associate Editor, Pattern Recognition (2026-present) (Q1)
- Associate Editor, IEEE Signal Processing Letters (2026-present) (Q2)
- Editorial Board Member, Information Processing & Management (2026-present) (Q1)

Program Committee Members

- The 35th International Joint Conference on Artificial Intelligence (SPC, IJCAI 2026)
- The 42nd and 43rd International Conference on Machine Learning (ICML 2025/26)
- 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 , 39th and 40th Annual Conference on Neural Information Processing Systems (NeurIPS 2024/25/26)
- 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 Sciences (Elsevier)
- Pattern Recognition (Elsevier)
- Information Fusion (Elsevier)
- Applied Soft Computing (Elsevier)
- Neurocomputing (Elsevier)
- Neural Networks (Elsevier)
- Expert Systems with Applications (Elsevier)
- Knowledge-based Systems (Elsevier)
- ACM Transactions on Knowledge Discovery from Data (ACM)

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

[1] **Bingbing Jiang,** Jie Wen, Zidong Wang, Weiguo Sheng, Zhiwen Yu, Huanhuan Chen, Weiping Ding. Scalable Semi-supervised Learning with Discriminative Label Propagation and Correction[J]. IEEE Transactions on Pattern Analysis and Machine Intelligence, 48(6): 6156-6173, 2026.

[2] Yadi Wang, Fan Zhang, **Bingbing Jiang***. Robust multi-view clustering via quadratic matrix factorization with manifold learning. IEEE Transactions on Image Processing, 2026 (Accepted).

[3] Yan Zhong, Xingyu Wu, Xinping Zhao, Li Zhang, Xinyuan Song, Lei Shi, **Bingbing Jiang**.Semi-Supervised Multi-Label Feature Selection with Consistent Sparse Graph Learning. Neural Networks, 2026 (Accepted).

[4] Yadi Wang, Bingbing Jiang*. Structural Feature Selection in Common Spatial Patterns Using Adaptive Sparse Group Lasso. CAAI Transactions on Intelligence Technology, 11(2):367-384, 2026.

[5] Yang Fang, Yujie Wang, **Bingbing Jiang**, Zongyi Xu, Jiaxu Leng, Yan Zhang, Weisheng Li, Xinbo Gao. M-STEP: Multi-Scale Temporal Information Enhancement and Propagation for Hierarchical Visual Transformer Tracking, IEEE Transactions on Multimedia, 2026 (Accepted).

[6] **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, 2026:508-519.

[7] 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.

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Diffusion for Scalable Multi-view Graph Clustering[C]. In Proceedings of the ACM International Conference on Multimedia. 2025: 2207-2215.

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Weiguo Sheng, **Bingbing Jiang***. Multi-View Semi-Supervised Feature Selection with Graph Convolutional Networks[C]. In Proceedings of the International Joint Conference on Neural Networks. 2024:1-8.

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