

在读期间阶段性成果（10篇）：第一作者身份发表**三篇CCF-A** 会议论文，**一篇CCF-B** 期刊论文。

- 1.**Jiaqi Wang**, Liutao Yu, Xiongri Shen, Sihang Guo, Chenlin Zhou, Leilei Zhao, Yi Zhong, Zhiguo Zhang*, Zhengyu Ma*. SpikCommander: A High-performance Spiking Transformer with Multi-view Learning for Efficient Speech Command Recognition. **AAAI (CCF-A)**, 2026.
- 2.**Jiaqi Wang**, Zhengyu Ma*, Xiongri Shen, Chenlin Zhou, Leilei Zhao, Han Zhang, Yi Zhong, Siqi Cai, Zhenxi Song, Zhiguo Zhang*. S²M-Former: Spiking Symmetric Mixing Branchformer for Brain Auditory Attention Detection. **NeurIPS (CCF-A)**, 2025.
- 3.**Jiaqi Wang**, Liutao Yu, Liwei Huang, Chenlin Zhou, Han Zhang, Zhenxi Song, Min Zhang, Zhengyu Ma*, Zhiguo Zhang*. Efficient Speech Command Recognition Leveraging Spiking Neural Network and Curriculum Learning-based Knowledge Distillation. **Neural Networks (CCF-B, 计算机二区Top, IF:7.2)**, 2025.
- 4.**Jiaqi Wang**, Zhenxi Song*, Zhengyu Ma, Xipeng Qiu, Min Zhang, Zhiguo Zhang*. Enhancing EEG-to-Text Decoding through Transferable Representations from Pre-trained Contrastive EEG-Text Masked Autoencoder. **ACL (CCF-A)**, 2024.
- 5.Jilong Li, Zhenxi Song, **Jiaqi Wang (3rd)**, et al. BrainECHO: Semantic Brain Signal Decoding through Vector-Quantized Spectrogram Reconstruction for Whisper-Enhanced Text Generation. **ACL Findings**, 2025.
- 6.Xiongri Shen, **Jiaqi Wang (2nd)**, et al. Diagnostically Faithful fMRI-dMRI Synthesis Using Disease-Informed Diffusion Priors. **Information Fusion (计算机一区Top, IF: 18.6)**, 2026.
- 7.Xiongri Shen, **Jiaqi Wang (2nd)**, et al. BrainCSD: A Hierarchical Consistency-Driven MoE Foundation Model for Unified Connectome Synthesis and Multitask Brain Trait Prediction. **npj Digital Medicine (Nature Portfolio, 医学一区Top, IF: 18.0)**, 2026.
- 8.Xiongri Shen, Zhenxi Song, **Jiaqi Wang (3rd)**, et al. NeuroAlign: Hierarchical Multimodal Fusion of Dynamic and Structural Neuroimaging for MCI Analysis. **Information Fusion (计算机一区Top, IF:18.6)**, 2026.
- 9.Yi Zhong, Xubin Zheng, Xiongri Shen, **Jiaqi Wang (4th)**, et al. Thread the Needle: Genomics-Guided Prompt-Bridged Attention Model for Survival Prediction of Glioma Based on MRI Images. **MICCAI (CCF-B)**, 2025.
- 10.Chenlin Zhou, Liutao Yu, Zhaokun Zhou, Han Zhang, **Jiaqi Wang (6th)**, et al. Spikingformer: A Key Foundation Model for Spiking Neural Networks. **AAAI (CCF-A, Oral)**, 2026.

在投论文 (10篇)：第一作者身份投稿CCF-A类会议**两篇**

- 1.**Jiaqi Wang**, et al. TACOS: Efficient Temporal Adaptive Compression and Compensation for Spiking Transformer Modeling. **AAAI**, 2027.
- 2.**Jiaqi Wang**, et al. SMRAT: Spiking Multi-Resolution Adaptive Temporal Modeling. **AAAI**, 2027.
- 3.Xiongri Shen, **Jiaqi Wang (2nd)**, et al. Atlas-Structured Generative Counterfactual Learning for Explainable Multimodal Connectome Recognition. **Pattern Recognition**, 2025.
- 4.Han Zhang, Qingyan Meng, **Jiaqi Wang (3rd)**, et al. Temporal-adaptive Weight Quantization for Spiking Neural Networks. **IEEE TPAMI**, 2025.
- 5.Sihang Guo, Chenlin Zhou, **Jiaqi Wang (3rd)**, et al. No One-Size-Fits-All: Context-Aware Neuronal Differentiation for Fully Spike-Driven LLM Conversion. **AAAI**, 2027.
- 6.Liling Li, **Jiaqi Wang (4th)**, et al. Senti-ISAC: Source-Adaptive Sentiment Representation Recovery under Dual-Level Modality Missingness. **AAAI**, 2027.
- 7.Sihang Guo Guo, Chenlin Zhou, **Jiaqi Wang (3rd)**, et al. When Weak Attention Goes Silent: Repairing Context-Amplified Attention Distortion in Spiking Language Models. **ICLR**, 2027.
- 8.Chenlin Zhou, Sihang Guo, **Jiaqi Wang (3rd)**, et al. Softmax-Free Spiking Transformers for Language Modeling via Winner-Take-All Attention. **ICLR**, 2027.
- 9.Chenlin Zhou, Sihang Guo, **Jiaqi Wang (3rd)**, et al. Toward General-Purpose Spiking Neurons for Vision and Language Modeling. **ICLR**, 2027.
- 10.Yi Zhong, Yanran Liu, Leilei Zhao, **Jiaqi Wang (4th)**, et al. DisGlioma: Radiogenomics-based Distilled Prompt Learning for Non-invasive Survival Prediction in Adult Diffuse Glioma. **npj Digital Medicine (Nature)**, 2026.