

个人简历

姓名：高丽清

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研究方向：计算机视觉、自然语言处理、视频理解、手语识别、多模态学习

招生信息：热烈欢迎具有计算机、电子信息等相关专业背景的同学咨询、报考



个人简介：

高丽清，讲师，长期从事计算机视觉领域研究工作，围绕手语识别、手势识别与多模态学习展开工作，在国内外重要期刊和会议发表/接收学术论文 20 余篇（TCSVT、PR、ESWA等Top期刊，CVPR、AAAI、ECCV等会议），包括CCF-A类及SCI-1区期刊/会议论文10篇。申请/授权发明专利7项，获得多个成果和学术奖励，包括2024年CCF科技创业大赛一等奖、ACM SIGGRAPH VRCAI国际会议最佳论文奖、ICDM on CHDM 国际会议最佳论文奖、全国信创与人工智能发展博士后学术论坛三等奖等。作为核心骨干参与科技部国家重点研发计划（经费体量2000万元）、军委科技委创新特区重点项目（经费体量450万元）等多个项目，具有丰富的项目管理、实施经验。与国内外同行有广泛、深入的学术交流合作关系，是包括中国计算机学会、中国人工智能学会等多个学术组织的专业会员，长期担任本领域权威期刊 TNNLS、TMM、Pattern Recognition以及 CVPR、ACM MM、AAAI、ICCV等权威会议审稿人。

代表性学术成果：

- Liqing Gao**, Fan Lyu, Peng Shi, Lei Zhu, Junfu Pu, Liang Wan*, Wei Feng*. Overcoming Modality Bias in Question-Driven Sign Language Video Translation[J]. *IEEE Transactions on Circuits and Systems for Video Technology*, 2024, 34 (11): 11724-11738.
- Liqing Gao**, Liang Wan, Lianyu Hu, Ruize Han, Zekang Liu, Peng Shi, Fanhua Shang, Wei Feng*. A Large-Scale Combinatorial Benchmark for Sign Language Recognition[J]. *Pattern Recognition*, 2025, 161: 111246.

- [3] **Liqing Gao**, Peng Shi, Lianyu Hu, Jichao Feng, Lei Zhu, Liang Wan, Wei Feng*. Cross-Modal Knowledge Distillation for Continuous Sign Language Recognition[J]. *Neural Networks*, 2024, 179: 106587.
- [4] **Liqing Gao**, Lei Zhu, Lianyu Hu, Peng Shi, Liang Wan*, Wei Feng. A Structure-based Disentangled Network with Contrastive Regularization for Sign Language Recognition[J]. *Expert Systems With Applications*, 2025.
- [5] **Liqing Gao**, Haibo Li, Zhijian Liu, Zekang Liu, Liang Wan*, Wei Feng. RNN-Transducer Based Chinese Sign Language Recognition[J]. *Neurocomputing*, 2021, 434: 45-54.
- [6] **Liqing Gao**, Wei Feng*, Fan Lyu, Liang Wan. Combinational Sign Language Recognition[J]. *Computer Vision and Image Understanding*, 2024, 241: 103972.
- [7] **Liqing Gao**, Liang Wan, Wei Feng*. Cross-Modal Attention Network for Sign Language Translation[C]. In *Proc. of the IEEE International Conference on Data Mining Workshops (ICDMW)*, 2023: 985-994.
- [8] **Liqing Gao**, Lei Zhu*, Senhua Xue, Liang Wan, Ping Li and Wei Feng*. Multi-View Fusion for Sign Language Recognition through Knowledge Transfer Learning. In *Proc. of the 18th ACM SIGGRAPH International Conference on Virtual-Reality Continuum and its Applications in Industry (ACM VRCAI)*, 2022, 1-9.
- [9] Lianyu Hu, **Liqing Gao**, Zekang Liu and Wei Feng*. Self-Emphasizing Network for Continuous Sign Language Recognition[C]. In *Proc. of the AAAI Conference on Artificial Intelligence (AAAI)*, 2023, 511-527.
- [10] Lianyu Hu, **Liqing Gao**, Zekang Liu and Wei Feng*. Continuous Sign Language Recognition With Correlation Network[C]. In *Proc. of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, 2023, 2529-2539.