

苗博

出生日期: 05/1995 性别: 男 户籍: 山东济南

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教育背景

- 西澳大学, 珀斯, 澳大利亚 (世界 QS 排名: 72, USNews 排名: 83) 01/2021-01/2025
博士研究生 (计算机科学) 研究课题: 视频物体分割
导师: [Ajmal Mian](#) 教授和 [Mohammed Bennamoun](#) 教授
- 济南大学, 济南, 中国 09/2015-06/2018
硕士研究生 (信号与信息处理) 研究课题: 基于静息态 fMRI 特征选择的 ADHD 分类研究
导师: 张玉璘教授
- 济南大学, 济南, 中国 09/2011-06/2015
本科 (通信工程, 双学位: 会计学)

工作经历

- 机器人与人工智能实验室, 香港中文大学(深圳), 深圳, 中国 05/2020-12/2020
科研助理 导师: [林天麟](#) 教授
- 基于注意力机制的场景理解和识别;
 - 基于记忆力网络的自监督视频异常检测。
- 机器学习研发中心, 新浪微博, 北京, 中国 07/2018-09/2019
算法工程师
- 海量博文数据挖掘与处理, 视频、文本、互动特征提取;
 - 个性化热门微博推荐系统搭建;
 - 数据指标分析以及监控搭建。

科研成果

会议:

- **Bo Miao**, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, "Spectrum-guided Multi-granularity Referring Video Object Segmentation", *International Conference on Computer Vision (ICCV)*, 2023. (CCFA, 人工智能领域顶级国际会议)
- **Bo Miao**, Liguang Zhou, Ajmal Mian, Tin Lun Lam, Yangsheng Xu, "Object-to-Scene: Learning to Transfer Object Knowledge to Indoor Scene Recognition", *IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, 2021. (CCF C, 机器人领域顶级国际会议)
- **Bo Miao**, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, "Self-Supervised Video Object Segmentation by Motion-Aware Mask Propagation", *IEEE International Conference on Multimedia and Expo (ICME)*, 2022. (CCF B, Oral)
- **Bo Miao**, Junling Guan, Liangliang Zhang, Qingfang Meng, Yulin Zhang, "Automated epileptic seizure detection method based on the multi-attribute EEG feature pool and mRMR feature selection method", *International Conference on Computational Science (ICCS)*, 2019. (CORE A, Oral)
- **Bo Miao**, Yulin Zhang, "A Feature Selection Method for Classification of ADHD", *International Conference on Information, Cybernetics and Computational Social Systems (ICCSS)*, 2017. (最佳论文)
- **Bo Miao**, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, "Regional Video Object Segmentation by Efficient Motion-Aware Mask Propagation", *International Conference on Digital Image Computing: Techniques and Applications (DICTA)*, 2022.
- **Bo Miao**, Junling Guan, Qingfang Meng, Yulin Zhang, "Fractional amplitude of low-frequency fluctuation and degree centrality in autistic children: a resting-state fMRI study", *International Workshop*

on Pattern Recognition (IWPR), 2018.

期刊:

- **Bo Miao**, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, "Region Aware Video Object Segmentation with Deep Motion Modeling", *arXiv*, 2022. (CCF A, IEEE Transactions on Image Processing 在投)
- **Bo Miao**, L. L. Zhang, J. L. Guan, Q. F. Meng, Y. L. Zhang, "Classification of ADHD individuals and neurotypicals using reliable RELIEF: A resting-state study", *IEEE Access*, 2019.

语言与专业技能

- 语言: 汉语, 英语 托福 (97, R25, L25, S21, W26);
- 编程: PyTorch, Python, C++, MATLAB, Java, Shell, Latex 等;
- 数据库: MySQL, Hive, Redis, Kafka 等。

专业活动

会议审稿人: CVPR, ICCV, ECCV, IROS, DICTA 等;

期刊审稿人: IEEE Transactions on Image Processing, IET Image Processing, Biomedical Engineering Online, IEEE Access 等;

IROS 2021 分会主席;

ICCSS 2017 最佳论文奖。