** 苗博**

出生日期：05/1995 性别：男 户籍：山东济南

 [bomiaobbb@gmail.com](mailto:bomiaobbb@gmail.com) │ [bomiao.site](https://www.bomiao.site/)

**教育背景**

**西澳大学，珀斯，澳大利亚 （世界QS排名：77）** 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](https://research-repository.uwa.edu.au/en/persons/ajmal-mian)教授和[Mohammed Bennamoun](https://research-repository.uwa.edu.au/en/persons/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](https://sse.cuhk.edu.cn/faculty/tinlunlam)教授

* 开展机器人视觉研究，包括机器人室内导航（一作成果发表在机器人顶会IROS）和视频异常检测。

**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**

* 搭建基于机器学习的微博推荐系统；数据挖掘筛选高质量博文及特征；构建数据分析与监控系统。

**部分科研成果**

**总结：**以第一作者发表论文10篇，包含**3**篇**CCF A**类 (NeurIPS, ICCV, TIP)，**2**篇**CCF B**类 (TCSVT, ICME)，1篇CCF C类 (IROS)，及1篇ICCSS获得最佳论文奖。此外，合作论文发表于ECCV，提交至TMM, AAAI等。

**期刊：**

* Region Aware Video Object Segmentation with Deep Motion Modeling

**Bo Miao**, M. Bennamoun, Y. Gao, A. Mian

*IEEE Transactions on Image Processing (****TIP****),* 2024. (CCF A,一区Top, IF=10.8)

* Temporally Consistent Referring Video Object Segmentation with Hybrid Memory

**Bo Miao**, M. Bennamoun, Y. Gao, M. Shah, A. Mian

*IEEE Transactions on Circuits and Systems for Video Technology (****TCSVT****)*, 2024. (一区Top, IF=8.3)

* Context-Enhanced Video Moment Retrieval with Large Language Models

W. Liu, **Bo Miao**, J. Cao, X. Zhu, B. Liu, M. Nasim, A. Mian

*Under Review* in *IEEE Transactions on Multimedia (****TMM****)*, 2024. (一区Top, IF=8.4, 作为主要指导人)

* Classification of ADHD individuals and neurotypicals using reliable RELIEF: A resting-state study

**Bo Miao**, L. Zhang, J. Guan, Q. Meng, Y. Zhang

IEEE Access*,* 2019. (IF=3.55)

**会议**：

* Referring Human Pose and Mask Estimation In the Wild

**Bo Miao**, M. Feng, Z. Wu, M. Bennamoun, Y. Gao, A. Mian

*Advances in Neural Information Processing Systems (****NeurIPS****)*, 2024. (CCF A, 谷歌学术AI **Top-1**)

* Spectrum-guided Multi-granularity Referring Video Object Segmentation

**Bo Miao**, M. Bennamoun, Y. Gao, A. Mian

*International Conference on Computer Vision (****ICCV****)*, 2023. (CCF A, 谷歌学术CV Ranked **#2**)

* External knowledge enhanced 3d scene generation from sketch

Z. Wu, M. Feng, Y. Wang, H. Xie, W. Dong, **Bo Miao**, A. Mian

*European Conference on Computer Vision (****ECCV****)*, 2024. (CCF B, 谷歌学术CV Ranked **#3**)

* Self-Supervised Video Object Segmentation by Motion-Aware Mask Propagation

**Bo Miao**, M. Bennamoun, Y. Gao, A. Mian

*IEEE International Conference on Multimedia and Expo (****ICME****)*, 2022. (CCF B, Oral Presentation)

* Object-to-Scene: Learning to Transfer Object Knowledge to Indoor Scene Recognition

**Bo Miao**, L. Zhou, A. Mian, T. L. Lam, Y. Xu

*IEEE/RSJ International Conference on Intelligent Robots and Systems (****IROS****)*, 2021. (CCF C)

* Regional Video Object Segmentation by Efficient Motion-Aware Mask Propagation

**Bo Miao**, M. Bennamoun, Y. Gao, A. Mian

*International Conference on Digital Image Computing: Techniques and Applications (****DICTA****)*, 2022.

* Automated epileptic seizure detection method based on the multi-attribute EEG feature pool and mRMR feature selection method

**Bo Miao**, J. Guan, L. Zhang, Q. Meng, Y. Zhang

*International Conference on Computational Science (****ICCS****)*, 2019. (Oral Presentation)

* A Feature Selection Method for Classification of ADHD

**Bo Miao**, Y. Zhang

*International Conference on Information, Cybernetics and …. (****ICCSS****)*, 2017. (**Best Paper Finalist**).

**专业活动**

**会议审稿人：**NeurIPS, ICLR, CVPR, ICCV, ECCV, AAAI, IROS等世界顶级学术会议及其他一流会议

**期刊审稿人**：TPAMI, IJCV, TIP等世界顶级学术期刊及其他一流期刊

IROS 2021分会主席

**荣誉奖项**

ICCV 2023 R-VOS全球挑战赛第三名

ICCSS 2017最佳论文奖入围

UWA CSSE HDR会议优秀演讲奖

UWA Ad Hoc Top Up Scholarship

UWA GRS Travel Award

**语言与专业技能**

语言: 汉语，英语-听说读写流利 (托福97/120, 阅读25，听力25，口语21，写作26)

技能: PyTorch, Python, MATLAB, Java, C++, Shell, Latex等