

2024学年小米奖学金评审及拟推荐结果

序号 (推荐 顺序)	培养单位名称	专业	学号	学生姓名	博士或 硕士	论文发表情况（论文专著名称，年份，学术期刊或出版社名称，影响因子，卷期号，作（著）者名次， 论文分级 (中科院、JCR)）	平均 成绩	获奖情况(仅填写校级以 上奖项)、专利、参加学 术活动、其他重要学术、 专业实践成果等	综测	
1	生物医学工程 学院	生物与医药	22216406	王堰阳	硕士	1 Time-reversion fast-sampling score-based model for limited-angle ct reconstruction 2024 IEEE transactions on medical imaging(10.048) 10.1109/TMI.2024.3418838 一作 中科院1区 2 Wavelet-improved score-based generative model for medical imaging 2023 IEEE transactions on medical imaging(10.048) Volume: 43, Issue: 3 一作 中科院1区 3 Self-fusion Simplex Noise-based Diffusion Model for Self-supervised Low-dose Digital Radiography Denoising 2024 IEEE Transactions on Instrumentation and Measurement(4.016) 10.1109/TIM.2024.3375967 一作 中科院2区 4 Two-and-a-half order score-based model for solving 3D ill-posed inverse problems 2024 Computers in Biology and Medicine 168 一作 中科院2区 5 Multi-channel Optimization Generative Model for Stable Ultra-Sparse-View CT Reconstruction 2024 IEEE transactions on medical imaging Early Access 一作 中科院1区	83.62	2023年中山大学校一等奖学金；国家发明专利 双域得分生成模型的稀疏视图断层扫描重建方法及系统（CN117557663A），国家发明专利基于快速采样得分生成模型的图像重建方法和系统（CN117422784A）	116.19	拟推荐
2	生物医学工程 学院	生物与医药	22216389	杨佑	硕士	1.Yang J, Ye X, Liao C, et al. Reconfigurable Snapshot Hyperspectral Imaging Sensor Based on Monochromatic Pattern Match of Gradient Geometry Metasurface[J]. ACS Photonics, 2024.（第一作者，影响因子：6.5，JCR/中科院 一区） 2.Yang, Baohua Wen, Xiangyi Ye, Chao Hu, Bin Zhou, Guohua Li, Jingxuan Cai*, Jianhua Zhou. Deep Learning-Assisted Molecular Classification and Concentration Prediction by Imaging of a Large-Area Metasurface with Spatially Gradient Geometry. Advanced Intelligent Systems, 2300353, 2023.（第一作者，影响因子：7.4，JCR Q1） 3.Guohua Li, Baohua Wen, Ji Yang, Mingxi Wu, Bin Zhou, Xiangyi Ye, Hao Tang, Jianhua Zhou*, Jingxuan Cai*. Cost-Effective Nanophotonic Metasurfaces with Spatially Gradient Structures for Ultrasensitive Imaging-Based Refractometric Sensing. Small Methods, 202300873, 2023.（第二作者 影响因子：12.4 JCR Q1）	83.81	中山大学一等奖助学金、Wiley中国高贡献作者、专利一项、学术会议参会并汇报1次	93.04	拟推荐
3	生物医学工程 学院	生物医学工程	22216324	韩佳垒	硕士	1.Biomedical Application of Porphyrin-Based Amphiphiles and Their Self-Assembled Nanomaterials, 2023, Bioconjugate Chemistry, IF 4.7, 2023, 34, 12, 2155 – 2180, 第1作者, JCR Q1; 2.Hyperbranched Polymeric 19F MRI Contrast Agents with Long T2 Relaxation Time Based on β Cyclodextrin and Phosphorycholine, 2024, Biomacromolecules, IF 6.2, 2024, 25, 5860-5872, 第1作者, JCR Q2; 3.Imidazolium-Based Main-Chain Copolymers with Alternating Sequences for BroadSpectrum Bactericidal Activity and Eradication of Bacterial Biofilms, 2024, Macromolecular Bioscience, IF 5, 2300489, 第2作者, JCR Q1; 4.Polymeric 1H/19F Dual-modal MRI Contrast Agent with Snowman-like Janus Nanostructure, 2024, Journal of Materials Chemistry B, IF 7.6, 2024,12, 7090–7102, 第2作者, JCR Q1.	88.22	2024年获得国家奖学金；申请发明专利3项：1. 一种基于卟啉的可还原降解的含氟表面活性剂及其制备与应用，ZL 2022 1 1279038.8, 授权；2. 基于环糊精核点具有超支化结构的含氟两性离子19F MRI造影剂及其制备，202311776370.X；3. 一种基于气态环糊精	84.84	

4	生物医学工程学院	生物与医药	22216404	毛海洋	硕士	1.Adaptive and Iterative Learning with Multi-perspective Regularizations for Metal Artifact Reduction,2024, IEEE Transactions on Medical Imaging, IF=8.9, 43, 共同一作, 中科院一区 2.Wavelet-inspired multi-channel score-based model for limited-angle CT reconstruction, 2024, IEEE Transactions on Medical Imaging, IF=8.9, 二作, 中科院一区	83.5	1. 中山大学一等奖助学金 2. 中山大学优秀助教 3. 国际会议MICCAI会议论文一篇, Multi-perspective adaptive iteration network for metal artifact reduction, https://doi.org/10.1007/978-3-031-18888-5_8	76.15
5	中山大学生物医学工程学院	生物医学工程	22216354	许泽举	硕士	①《A Topic-Guided Self-Attention Network for Daily Mental Wellbeing Prediction Using Mobile Devices》, 2024年,《IEEE Transactions on Affective Computing》, 影响因子10.6, DOI: 10.1109/TAFFC.2024.3471654, 第一作者, JCR-1区。 ②《A Multiscale Cross-Modal Interactive Fusion Network for Human Activity Recognition Using Wearable Sensors and Smartphones》, 2024年,《IEEE Internet of Things Journal》, 影响因子8.2, 卷期号11-16, 第二作者, JCR-1区。 ③《Energy-Efficient Sleep Apnea Detection Using a Hyperdimensional Computing Framework Based on Wearable Bracelet Photoplethysmography》, 2024年,《Journal of Healthcare Engineering》, 影响因子4.6, 卷期号71-8, 第三作者, JCR-2区。	84.4	无	66.12
6	生物医学工程	生物与医药	22216385	刘昌	硕士	1. Intelligent soft quasi-organism equipped with sensor-driven integrated tentacles, 2024, Advanced Functional Materials, 18.5, 2404333, 1作, 中科院1区、JCR 1区。 2. Micromesh reinforced strain sensor with high stretchability and stability for full - range and periodic human motions monitoring, 2023, InfoMat, 22.7, 6, 2作, 中科院1区、JCR 1区。 3. Intelligent, Flexible Artificial Throats with Sound Emitting, Detecting, and Recognizing Abilities, 3.4, 24, 3作, 中科院3区、JCR 2区。 4. Nanomesh-YOLO: Intelligent Colorimetry E-Skin Based on Nanomesh and Deep Learning Object Detection Algorithm, 2024, Advanced Functional Materials, 18.5, 34, 4作, 中科院1区、JCR 1区。 5. Microcavity assisted graphene pressure sensor for single-vessel local blood pressure measurement, 2024, Nanoscale, 16.5, 6作, 中科院2区、JCR 1区。	88.27	1. 2023年广东省研究生学术论坛——生物医学工程学术论坛二等奖; 2. 中山大学优秀助教 3. Chang Liu, Hongyu Chen, Siye Xu, Yancong Qiao*, "Nanomesh-YOLO: Intelligent Colorimetry E-skin Based on Nanomesh and Deep Learning Object Detection Algorithm", 2024, Advanced Functional Materials, 18.5, 34, 4作, 中科院1区、JCR 1区。	60.38

7	生物医学工程学院	生物医学工程	22216344	余梓沛	硕士	1. On-site quantitation of xanthine in fish and serum using a smartphone-based spectrophotometer integrated with a dual-readout nanosensing assay. Food Chemistry 2023, 431, 137107. (影响因子8.8/一区, 共同一作) 2. A smartphone-assisted electrochem-illuminescent detection of miRNA-21 in situ using Ru(bpy)32+@MOF. Talanta 2024, 268, 125310. (影响因子5.6/一区, 三作) 3. A smartphone-based fluorospectrophotometer and ratiometric fluorescence nanoprobe for on-site quantitation of pesticide residue. iScience 2023, 26 (4), 106553. (影响因子4.6/一区, 四作) 4. Development of enzyme-inorganic hybrid nanoflower-modified electrodes and a smartphone-controlled electrochemical analyzer for point-of-care testing of salivary amylase in saliva. Nanoscale 2023, 16 (1), 212 - 222. (影响因子5.8/一区, 四作)	85.57	发表专利：一种用于有机磷特异性检测的有机框架材料和可穿戴电化学传感器 (CN117025579A, 除导师外第一发明人) 学术活动：2023年广东省研究生学术论坛——生物医学工程学术论坛墙报一等奖、演讲二等奖；2024年11th WACBE World	43.22
8	生物医学工程学院	生物医学工程	23216508	林冰燕	硕士	pH-Responsive Charge Convertible Hyperbranched Poly(ionic liquid) Nanoassembly with High Biocompatibility for Resistance-Free Antimicrobial Applications. Nano Lett., 2024, 24, 10.1021/acs.nanolett.4c01608. 影响因子9.6; 共一; JCR一区	86.186	无	43.11
9	生物医学工程学院	生物医学工程	22216331	邵佳升	硕士	① Luyao Tang, Jiasheng Shao, Bernardo Miller Naranjo, Yanna Zhu, Oliver Lieleg, Jian Song. Sugar or milk: Tribological study on the sensation of coffee beverages. Journal of Food Engineering, 2024 (367): 111876. 中科院2区, JCR Q1 ② Li, S., Wang, S., Shao, J., Wang, J., Liu, W., Chen, L., Li, Z., Zhang, C. and Song, J. (2024), Toward the Improvement of the Mechanical and Tribological Properties of Braided Ligament for ACL Reconstruction: A “Carrot and Stick” Strategy (Adv. Healthcare Mater. 20/2024). Adv. Healthcare Mater., 13: 2470131. 中科院2区, JCR Q1	86.185	中山大学优秀助教 \ 中山大学优秀研究生兼职辅导员\2024年第九届全国大学生生物医学工程创新设计竞赛三等奖	41.36

10	生物医学工程学院	生物医学工程	22216339	黄嘉琦	硕士	Jiaqi Huang , Jiajun Pan, Yiteng Song, et al. MOF-functionalized paper-based biosensors: Fabrications, mechanisms and applications. TrAC Trends in Analytical Chemistry. 2024. (IF=13.1)	84.63	2024年中山大学硕士研究生一等奖学金	40.13
----	----------	--------	----------	-----	----	---	-------	---------------------	-------