

2025年度澳门青年学者计划、澳门青年学者计划（湾区项目）项目岗位目录

Prefix	Academic Discipline (Primary)	Academic Discipline (Secondary, for reference)	Name in Chinese	Name in English	Academic Rank	Institution	Department	Project Name in Chinese	Project Name in English
MYSP-2025-PI001	0704 天文学	0708 地球物理学	徐晓军	Xiaojun Xu	Professor	Macau University of Science and Technology	MUST-SKL of Lunar and Planetary Sciences	木星磁层观测研究	Observational study of the Jupiter's magnetosphere
MYSP-2025-PI002	0801 力学	0814 土木工程	颜王吉	YAN Wang-Ji	Associate Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	结构健康监测与力学反问题求解的概率机器学习方法研究	Research on probabilistic machine learning methods for structural health monitoring and mechanics inverse problem solving
MYSP-2025-PI003	1007 药学	1008 中药学	陆金健	Jinjian Lu	Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	石蒜碱结构优化及其增强PD-L1抗体抗肿瘤活性机制研究	Structural modification of lycorine and its mechanism of enhancing antitumor activity of PD-L1 antibody
MYSP-2025-PI004	0805 材料科学与工程	0831 生物医学工程	曲松楠	QU Songnan	Professor	University of Macau	UMAC-Institute of Applied Physics and Materials Engineering	具有光催化特性碳量子点抗癌药物的研究	Photocatalytic Carbon Dots for Precision Tumor Therapy
MYSP-2025-PI005	1007 药学	1008 中药学	林理根	Ligen Lin	Associate Professor	University of Macau	UMAC-Institute of Chinese Medical Sciences	天然产物靶点发现的新技术研究	Novel strategies for target identification of natural products
MYSP-2025-PI006	0831 生物医学工程	0812 计算机科学与技术	万峰	Feng Wan	Associate Professor	University of Macau	UMAC-Faculty of Science and Technology	面向临床应用的实用脑机接口共性关键技术研究	Research on Key Technologies of Practical Brain-Computer Interface for Clinical Applications
MYSP-2025-PI007	0811 控制科学与工程	0812 计算机科学与技术	卡洛斯·西尔维斯特	Carlos Jorge Ferreira Silvestre	Professor	University of Macau	UMAC-Faculty of Science and Technology	RAVESI - 探索与海底干预的机器人自主车辆	RAVESI - Robotic Autonomous Vehicle for Exploration and Subsea Intervention
MYSP-2025-PI008	0812 计算机科学与技术	0816 测绘科学与技术	周怡聪	ZHOU YICONG	Professor	University of Macau	UMAC-Faculty of Science and Technology	四元素域遥感图像拼接技术的研究	Remote Sensing Image Stitching Technologies in Quaternion Domain
MYSP-2025-PI009	1007 药学	1008 中药学	陈修平	Xiuping Chen	Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	隐丹参酮协同NQO1生物激活药物抗肿瘤分子机制与新药研发	Mechanistic and translational study on the synergistic activity of cryptotanshinone combined with NQO1 bioactivatable drugs in cancer
MYSP-2025-PI010	0703 化学	0805 材料科学与工程,0702 物理学	潘晖	Pan Hui	Professor	University of Macau	UMAC-Institute of Applied Physics and Materials Engineering	低成本高效稳定的质子交换膜电解水制氢催化剂及膜电极研究	Design and fabrication of costeffective and stable proton exchange membrane water splitting electrocatalysts and membrane electrode ass embly
MYSP-2025-PI011	1007 药学	0831 生物医学工程	代云路	Dai Yunlu	Associate Professor	University of Macau	UMAC-Faculty of Health Sciences	金属配位生物材料用于金属免疫治疗	metal coordination biomaterials for metalloimmunotherapies
MYSP-2025-PI012	0814 土木工程	0707 海洋科学	阮家荣	Ka-Veng Yuen	Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	针对灾害防治的自适应机器学习方法	Adaptive Machine Learning Method for Disaster Mitigation
MYSP-2025-PI013	1001 基础医学	1002 临床医学	狄利俊	LIJUN DI	Associate Professor	University of Macau	UMAC-Faculty of Health Sciences	Trim28核滞留和脂肪酸代谢重置抑制自噬作为乳腺癌转移风险检测和干预靶点的机制和应用研究	Study of the Trim28 nuclear retaining and the switch of fatty acid metabolism in inhibiting the autophagy and increasing the breast cancer metastasis risk
MYSP-2025-PI014	0831 生物医学工程	1007 药学	王瑞兵	Wang Ruibing	Professor	University of Macau	UMAC-Institute of Chinese Medical Sciences	超分子生物材料和药剂学	Supramolecular Biomaterials and Pharmaceutics
MYSP-2025-PI015	0805 材料科学与工程	0702 物理学	邢贵川	XING Guichuan	Professor	University of Macau	UMAC-Institute of Applied Physics and Materials Engineering	金属卤化物钙钛矿的发光应用研究	Metal-halide perovskites for light emission applications
MYSP-2025-PI016	0827 核科学与技术	0831 生物医学工程	莫升萍	Greta Mok	Professor	University of Macau	UMAC-Faculty of Science and Technology	基于人工智能的精准放射性核素治疗剂量学研究	AI-based internal dosimetry for targeted radionuclide therapy
MYSP-2025-PI017	1008 中药学	1007 药学	万建波	Wan Jianbo	Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	基于LC-MS代谢组新技术新方法开发以及在中药研究中的应用	Development of new technology and new method based on LC-MS metabolome and its application in TCM research
MYSP-2025-PI018	0810 信息与通信工程	0809 电子科学与技术	马少丹	Shaodan Ma	Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	智能感知与通信	Intelligent Sensing and Communications
MYSP-2025-PI019	0810 信息与通信工程	0812 计算机科学与技术	吴远	WU Yuan	Associate Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	边缘计算赋能通感融合网络	Edge Computing empowered Integration of Sensing and Communication
MYSP-2025-PI020	0804 仪器科学与技术	0831 生物医学工程	贾艳伟	Jia Yanwei	Associate Professor	University of Macau	UMAC-SKL of Analog and Mixed-Signal VLSI	微流控用于精准医疗	Microfluidics for Precision Medicine
MYSP-2025-PI021	1001 基础医学	1008 中药学	路嘉宏	Lu Jiahong	Associate Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	药物（含中药）调控细胞自噬治疗神经退行性疾病	Pharmacological modulation of Autophagy for neurodegenerative diseases
MYSP-2025-PI022	0805 材料科学与工程	0703 化学,0805 材料科学与工程	邵怀宇	Huaiyu SHAO	Associate Professor	University of Macau	UMAC-Institute of Applied Physics and Materials Engineering	预锂化SiO-Gr干法电极的制备及表面封装预产业化关键技术研究	Research on Key Technologies for Fabrication and Surface Packaging of Pre-

									lithiated SiO-Gr Dry-process Electrodes towards Industrialization
MYSP-2025-PI023	0812 计算机科学与技术	0809 电子科学与技术	周建涛	Jiantao Zhou	Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	Secure and Robustness Machine Learning	安全和鲁棒的机器学习
MYSP-2025-PI024	0812 计算机科学与技术	0812 计算机科学与技术	黄辉	Wong Fai, Derek	Associate Professor	University of Macau	UMAC-Faculty of Science and Technology	针对大语言模型指令调优的高效数据选择和训练策略	Effective Data Selection and Training Strategies for LLM Instruction Tuning
MYSP-2025-PI025	1007 药学	1201 管理科学与工程,1205 图书情报与档案管理,1007 药学,1008 中药学	胡元佳	Yuanjia HU	Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	抗体专利:生物药专利制度如何实现社会福利最大化	Patenting Antibodies Toward the Welfare-maximizing Strategies for Biomedical Patents.
MYSP-2025-PI026	0812 计算机科学与技术	0835 软件工程	巩志国	GONG Zhiguo	Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	面向复杂数据的可信鲁棒分析技术	Trustworthy and robust Learning Techniques for complex data Analytics
MYSP-2025-PI027	0818 地质资源与地质工程	0809 电子科学与技术	周万欢	Wanhuan Zhou	Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	海岸带可持续发展及智能感知技术	Sustainable Development and Intelligent Sensing Technology for Coastal Regions
MYSP-2025-PI028	0808 电气工程	0811 控制科学与工程	李晓东	LI XIAO DONG	Professor	Macau University of Science and Technology	MUST-Faculty of Innovation Engineering	基于多电压等级柔性串并联架构的海上风电直流汇集系统变换装备和稳定运行关键技术研究	Research on power converters and system stability of the offshore wind farm dc collection system based on multi-voltage levels flexible series-parallel structure
MYSP-2025-PI029	0809 电子科学与技术		林智声	Chi-Seng Lam	Associate Professor	University of Macau	UMAC-SKL of Analog and Mixed-Signal VLSI	人工智能应用于集成电力电子系统	Artificial Intelligence Applications for Integrated Power Electronics Systems
MYSP-2025-PI030	0802 机械工程	0811 控制科学与工程	王百键	Wong Pak Kin	Professor	University of Macau	UMAC-Faculty of Science and Technology	面向丘陵山地的高适应性农机空气悬架多模态减振调节机理与机身姿态控制方法研究	Investigations on multi-mode vibration reduction mechanism and posture control for hilly and mountainous adaptive agricultural machinery with air suspension systems
MYSP-2025-PI031	0809 电子科学与技术	0809 电子科学与技术	罗文基	Law Man Kay	Professor	University of Macau	UMAC-SKL of Analog and Mixed-Signal VLSI	用于 MEMS 传感器的高性能电容读出电路设计	High Performance Capacitive Readout Circuit Design for MEMS Sensors
MYSP-2025-PI032	1008 中药学	1007 药学	张伟	zhang wei	Professor	Macau University of Science and Technology	MUST-SKL of Quality Research in Chinese Medicine	基于磁性碳基纳米材料和化学标记的创新线粒体 mRNA 修饰分析平台的构建及应用	The development and application of an innovative platform for the analysis of mitochondrial mRNA modifications based on the magnetic carbon-based nanomaterials and chemical labeling
MYSP-2025-PI033	0805 材料科学与工程	1007 药学,0836 生物工程	锺恬	TIAN ZHONG	Associate Professor	Macau University of Science and Technology	MUST-Faculty of Medicine	给体-受体型共轭聚合物纳米纤维及其多模式抗菌材料	Donor-acceptor conjugated polymer nanofibers and their multi-mode antimicrobial materials
MYSP-2025-PI034	0702 物理学	0805 材料科学与工程	孙宝全	Baoquan Sun	Professor	Macau University of Science and Technology	MUST-Macao Institute of Materials Science and Engineering	高热稳定的发光量子点的制备及光电特性研究	High Thermal Stable Luminescence Quantum Dots for Optoelectronic Device
MYSP-2025-PI035	0805 材料科学与工程	0809 电子科学与技术	廖良生	Liang-Sheng Liao	Professor	Macau University of Science and Technology	MUST-Macao Institute of Materials Science and Engineering	高能量量子点/有机发光材料与器件	High-Performance Quantum-Dot/Organic Light-Emitting Materials and Devices
MYSP-2025-PI036	0704 天文学	0706 大气科学	蔡涛	CAI TAO	Associate Professor	Macau University of Science and Technology	MUST-SKL of Lunar and Planetary Sciences	木星大气模型研究	Study on modelling Jovian atmosphere
MYSP-2025-PI037	1007 药学	1008 中药学	欧阳德方	Defang Ouyang	Associate Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	合理设计用于递送 mRNA 的脂质纳米颗粒	Rational design of lipid nanoparticles for mRNA delivery
MYSP-2025-PI038	0710 生物学	1007 药学	潘星华	Pan Xinghua	Professor	Macau University of Science and Technology	MUST-Faculty of Medicine	空间多组学解析性别和衰老对肝细胞微环境和肝病发生发展的影响及机制	Spatial multi omics analysis of the effects and mechanisms of gender and aging on the microenvironment of liver cells and the development of liver diseases
MYSP-2025-PI039	0704 天文学	0708 地球物理学	张小平	Xiaoping Zhang	Professor	Macau University of Science and Technology	MUST-SKL of Lunar and Planetary Sciences	空间尘埃与辐射环境研究	Research on space dust and radiation environment
MYSP-2025-PI040	0836 生物工程	1002 临床医学	谭广亨	Paul KH Tam	Professor	Macau University of Science and Technology	MUST-Faculty of Medicine	精准再生医学在慢性肝病导致的肝脏纤维化靶点分析及治疗中的作用研究	Study on the role of precision regenerative medicine in the target discovery and treatment of hepatic fibrosis caused by chronic liver disease
MYSP-2025-PI041	0812 计算机科学与技术		孙鑫	Sun Xin	Professor	City University of Macau	CityU-Faculty of Data Science	基于遥感的环境数字孪生智能建模技术研究	Research on AI Technologies on Environmental Digital Twins with Remote Sensing
MYSP-2025-PI042	1007 药学	0836 生物工程	叶丽	Ye Li	Professor	Macau University of Science and Technology	MUST-Faculty of Medicine	DDR1 纳米抗体及其融合蛋白在肿瘤和纤维化疾病中的应用和机制研究	The effect and mechanism of DDR1 nanobody and its fusion protein for the treatment of tumor and fibrotic diseases
MYSP-2025-PI043	0708 地球物理学	0708 地球物理学,0702 物理学	何兆国	Zhaoguo He	Associate Professor	Macau University of Science and Technology	MUST-SKL of Lunar and Planetary Sciences	闪电哨声波的传播、分布及其对地球空间环境的影响	Propagation and distribution of lightning generated whistler and its effect on Earth's space environment
MYSP-2025-PI044	0812 计算机科学与技术	0831 生物医学工程,	段俊伟	DUAN JUNWEI	Associate Professor	City University of Macau	CityU-Faculty of Data Science	基于老年病中医早期识别的可解释性人工智能算法及辅助诊疗系统关键技术研究	Research on key technologies of explainable artificial intelligence algorithm and auxiliary

									diagnosis system based on early identification of geriatric diseases in traditional Chinese medicine
MYSP-2025-PI045	0812 计算机科学与技术	0810 信息与通信工程	朱天清	Zhu Tianqing	Professor	City University of Macau	CityU-Faculty of Data Science	大模型的攻击和防护研究	The attack and defense on large language model
MYSP-2025-PI046	1007 药学	1008 中药学,1002 临床医学,1006 中西医结合	朱依淳	ZHU YI ZHUN	Professor	Macau University of Science and Technology	MUST-Faculty of Medicine	经典名方黄芪桂枝五物汤、桃红四物汤的处方药理学考证及制剂优化研究	Prescription pharmacology verification and preparation optimization study of the classic prescriptions Huangqi Guizhi Wuwu Tang and Taohong Siwu Tang
MYSP-2025-PI047	0812 计算机科学与技术		余亮豪	Leong Hou U	Associate Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	迈向大图模型：利用图结构理解提升模型表达能力	Towards Large Graph Models (LGMs): Enhancing Expressive Power through Understanding Graph Structures
MYSP-2025-PI048	0809 电子科学与技术	0702 物理学	王双鹏	Shuang-Peng WANG	Associate Professor	University of Macau	UMAC-Institute of Applied Physics and Materials Engineering	窄谱光电子材料、器件及其应用	Narrow Spectrum Optoelectronic Materials, Devices and Their Applications
MYSP-2025-PI049	0812 计算机科学与技术	0835 软件工程	周万雷	Zhou Wanlei	Professor	City University of Macau	CityU-Faculty of Data Science	面向澳门金融决策的分布式大模型安全控制理论及关键技术研究	Research on the Security Control Theory and Key Technologies of Distributed Large Model for Financial Decisions in Macau
MYSP-2025-PI050	1007 药学	0831 生物医学工程	竺晓鸣	Zhu Xiaoming	Associate Professor	Macau University of Science and Technology	MUST-SKL of Quality Research in Chinese Medicine	基于蛋白降解的调控药物研究	Drug discovery targeting protein degradation
MYSP-2025-PI051	0708 地球物理学	0706 大气科学	李刚	Gang Li	Professor	Macau University of Science and Technology	MUST-SKL of Lunar and Planetary Sciences	太阳高能粒子的加速和传播	The Acceleration and Transport of Solar Energetic Particles
MYSP-2025-PI052	0830 环境科学与工程	1201 管理科学与工程	董雅红	DONG YAHONG	Associate Professor	Macau University of Science and Technology	MUST-Macao Environmental Research Institute	基于动态生命周期评价的澳门零碳智慧校园系统研究	Development of Zero-Carbon Smart Campus System for Macao based on Dynamic Life Cycle Assessment
MYSP-2025-PI053	1005 中医学	1008 中药学	胡豪	Hao Hu	Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	天然药物用于肝癌的计算药物发现	Computational drug discovery of natural products for liver cancer
MYSP-2025-PI054	1007 药学	0703 化学,0710 生物学	李婷	TING LI	Professor	Macau University of Science and Technology	MUST-SKL of Quality Research in Chinese Medicine	靶向Th17细胞治疗自身免疫性疾病的创新药物研究	Innovative drug discovery for treatment of autoimmune diseases via targeting Th17 cells
MYSP-2025-PI055	0710 生物学	0831 生物医学工程,0832 食品科学与工程,0710 生物学,0836 生物工程,1007 药学	肖颖	Xiao Ying	Professor	Macau University of Science and Technology	MUST-Faculty of Medicine	皮肤创面修复mRNA药物研发	Developing mRNA drug for skin wound repair
MYSP-2025-PI056	0706 大气科学	0830 环境科学与工程	黎永杰	Yongjie Li	Associate Professor	University of Macau	UMAC-Faculty of Science and Technology	大气颗粒物的微物理性质和化学反应的相互作用	Interplays between microphysical properties and chemical reactions of atmospheric aerosol particles
MYSP-2025-PI057	1006 中西医结合	1008 中药学	吴其标	QIBIAO WU	Professor	Macau University of Science and Technology	MUST-SKL of Quality Research in Chinese Medicine	胸肺疾病、肿瘤中西医结合治疗的临床与实验研究	Clinical and experimental study on the treatment of thoracic and lung diseases and tumor with integrated Chinese and Western medicine
MYSP-2025-PI058	1007 药学	1007 药学	姜志宏	JIANG ZHIHONG	Professor	Macau University of Science and Technology	MUST-SKL of Quality Research in Chinese Medicine	基于药食同源中药协同增效关键技术的新一代抗衰老产品开发	Development of Next-Generation Anti-Aging Products Based on Synergistic Enhancement Techniques with Edible TCMs
MYSP-2025-PI059	0704 天文学	0702 物理学	陈炯林	Chan Kwing Lam	Professor	Macau University of Science and Technology	MUST-Faculty of Innovation Engineering	木星星震研究	Space Exploration of Planets
MYSP-2025-PI060	1007 药学	1007 药学	陈美婉	MEIWAN CHEN	Professor	University of Macau	UMAC-SKL of Quality Research in Chinese Medicine	中药活性成分载体材料	Nanocarriers of active ingredients from Chinese medicine
MYSP-2025-PI061	0704 天文学	0812 计算机科学与技术	蔡占川	CAI ZHANCHUAN	Professor	Macau University of Science and Technology	MUST-SKL of Lunar and Planetary Sciences	火星水成矿物分布含量与形成环境和沉积层序构建	The distribution, abundance, formation environment, and sediment sequence of Martian hydrous minerals
MYSP-2025-PI062	0812 计算机科学与技术	0823 交通运输工程	朱家伟	Chiawei CHU	Associate Professor	City University of Macau	CityU-Faculty of Data Science	智能交通系统中多模式数据融合的聚类算法研究	Research on clustering algorithm for multi-modal data fusion in intelligent transportation system
MYSP-2025-PI063	0802 机械工程	0812 计算机科学与技术	杨志新	YANG Zhixin	Associate Professor	University of Macau	UMAC-SKL of Internet of Things for Smart City	基于三维视觉感知和深度强化学习的机器人智能操控技术研究	Research on robot intelligent manipulation technology based on 3D visual perception and deep reinforcement learning