

澳門科學技術發展基金與國家科技部聯合科研資助
2023年度獲批項目
Financiamento para Projectos de FDCT-MOST em 2023

序號 N.º	檔案編號 N.º de Projecto	申請實體 Entidade Beneficiária	項目負責人 O Responsável de Projectode	研究項目 Finalidade
1	0011/2023/AMJ	澳門科技大學基金會-澳門科技大學 Fundação Universidade de Ciência e Tecnologia de Macau – Universidade de Ciência e Tecnologia de Macau	宋慶彬 Song, Qingbin	澳門城市固廢源分佈式聯產綠氫-綠電技術開發與集成示範 Development and integration demonstration of distributed co- generation of green hydrogen and green electricity technology from municipal solid waste sources in Macao
2	0018/2023/AMJ	澳門科技大學基金會-澳門科技大學 Fundação Universidade de Ciência e Tecnologia de Macau – Universidade de Ciência e Tecnologia de Macau	李婷 Li, Ting	靶向Th17細胞治療自身免疫性疾病的創新藥物研究 Innovative drug discovery for treatment of autoimmune diseases via targeting Th17 cells
3	0019/2023/AMJ	澳門科技大學基金會-澳門科技大學 Fundação Universidade de Ciência e Tecnologia de Macau – Universidade de Ciência e Tecnologia de Macau	梁瑞 Liang, Rui	輕質高強韌工程超材料的智能設計與精細製備 Intelligent design and fine fabrication of lightweight, high-strength and high-toughness engineering metamaterials
4	0027/2023/AMJ	澳門大學 Universidade de Macau	吳嘉偉 Ng, Kar Wei	高效率長壽命藍色量子點電致發光器件 High Efficiency Long Lifetime Blue Quantum Dot Light Emitting Diode
5	0039/2023/AMJ	澳門大學 Universidade de Macau	黃承發 Wong, Seng Fat	面向人工輔助生殖的細胞手術機器人研發及應用 Development Of Robotic Cell Surgery Systems For In Vitro Fertilization

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6	0045/2023/AMJ	澳門大學 Universidade de Macau	梁重恒 Leung, Chung Hang	靶向表觀遺傳學修飾酶調節劑的發現及其抗衰老機制研究 Discovery and mechanistic study of epigenetic enzyme modulators for anti-aging
7	0047/2023/AMJ	澳門大學 Universidade de Macau	王瑞兵 Wang, Ruibing	新型超分子聚合物微球的制备及其在肝癌放化栓塞療法中的應用研究 Development of novel supramolecular polymeric microspheres and their application in radiochemoembolization therapy of liver cancer
8	0074/2023/AMJ	澳門大學 Universidade de Macau	譚立武 Tam, Lap Mou	天然氣液化用多股流微細通道換熱器關鍵設計技術研究 Investigation on thermal design and performance optimisation of multi-stream micro-channel heat exchanger for natural gas liquefaction
9	0075/2023/AMJ	澳門大學 Universidade de Macau	楊志新 Yang, Zhixin	半導體器件封裝品質智慧檢測關鍵技術研究與應用示範 Research and Application for Intelligent Detection of Packaging Quality about Semiconductor Devices
10	0078/2023/AMJ	澳門大學 Universidade de Macau	周笑波 Zhou, Xiaobo	基于混合NVM存儲的分布式內存計算系統研究与应用 Research and Application of Distributed In-Memory Computing System based on Hybrid NVM Storage

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11	0085/2023/AMJ	澳門大學 Universidade de Macau	陳國凱 Chen, Guokai	重編程逆轉T細胞耗竭以建立腫瘤侵潤淋巴細胞（TIL）製備 新技術 Reprogram Exhausted Tumor Antigen-Specific T Cell to Optimize Tumor-Infiltrating Lymphocyte Therapy
12	0091/2023/AMJ	澳門大學 Universidade de Macau	王百鍵 Wong, Pak Kin	海上風能- 波浪能高效協同利用的安全優化控制關鍵技術聯合研發 Cooperative optimal control for offshore wind and sea wave energy conversion system with guaranteed safety and high efficiency
13	0102/2023/AMJ	澳門科技大學基金會-澳門科技大學 Fundação Universidade de Ciência e Tecnologia de Macau – Universidade de Ciência e Tecnologia de Macau	周娜 Zhou, Na	我國珠江口近海沼蝦種質資源挖掘、鑒評及其抗逆新品種選 育與應用 Exploitation, Evaluation and Selection and Application of New Stress Resistant Varieties of Macrobrachium in The Coastal Waters of The Pearl River Estuary in China
14	0110/2023/AMJ	澳門發展及質量研究所 Institute for the Development and Quality, Macau	郭達偉 Guo, Dawei	面向高耐蝕構件製造的新型固態增材關鍵技術及裝備研發 Research on Key Technologies and Equipment of New Solid-state Additive Manufacturing for Production of High Corrosion Resistant Components

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15	0122/2023/AMJ	澳門理工大學 Universidade Politécnica de Macau	柯韋 Ke, Wei	基於柔性可穿戴心電大數據智慧分析的惡性心律失常猝死預 警關鍵技術與應用研究 Research on Key Technologies and Applications of Intelligent Processing Methods in Early Identification of Malignant Arrhythmia Sudden Cardiac Death Using Flexible Wearable Electrocardiography