

澳門科學技術發展基金與廣東省科技廳聯合科研資助
2024年度獲批項目
Financiamento para Projectos de FDCT-GDST em 2024

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1	0003/2024/AGJ	澳門城市大學 Universidade da Cidade de Macau	代毅 Dai, Yi	原子層沉積氧化物半導體薄膜晶體管及其AMOLED顯示屏研究 Research on atomic layer deposited oxide semiconductor thin film transistors and their applications in AMOLED displays
2	0004/2024/AGJ	種遠集團有限公司 Mccy Group Limited	郭秀文 Kuok, Sao Man	古法膽南星炮製內涵研究及開發應用 Study on the connotation and development application of the ancient method of processing Arisaema cum bile
3	0009/2024/AGJ	澳門理工大學 Universidade Politécnica de Macau	李克峰 Li, Kefeng	糖尿病足創面滲液自泵式電活性敷料研發 Development of Self-pumping Electrodynamic Dressing for Diabetic Foot Wound
4	0010/2024/AGJ	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	李大剛 Li, Dagang	新能源汽車電機多光譜視覺多維精密檢測技術與裝備 Multi-spectral Vision Multi-dimensional Precision Inspection Technology and Equipment for New Energy Vehicle Motors
5	0026/2024/AGJ	南光石油化工有限公司 Namkwong Petroleum & Chemicals Company Limited	唐朝暉 Tang, Chaohui	全頻太陽能光熱電耦合氫電聯產理論與技術研究 Research on full-spectrum solar power-based photo-electro-thermal coupled hydrogen-electric co-generation theory and technology

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6	0030/2024/AGJ	澳門大學 Universidade de Macau	錢光升 Qian, Guangsheng	垃圾滲濾液生物- 化學結晶法脫鹽處理技術及其高值化應用研究 Study of Biochemical Crystallization-Based Desalination of Leachate and Its Potential Application Investigation
7	0031/2024/AGJ	安信通科技（澳門）有限公司 Singou Technology (Macau) Ltd.	陳俊龍 Chen, Chun Lung Philip	基於中西醫多模態數據與寬度學習算法的宮頸HR- HPV持續感染致癌的人工智能診斷系統 Artificial Intelligence Diagnostic System for Persistent Cervical HR- HPV Infection-Related Carcinogenesis Based on Integrative Traditional Chinese and Western Medicine Multimodal Data and Wide Learning Algorithm
8	0032/2024/AGJ	澳門自來水股份有限公司 The Macao Water Supply Company Limited	李志土 Lei, Chi Tou	高效電催化氧化技術研發及其水處理應用 Development of Innovative Electrocatalytic Oxidation Technology for Efficient Water and Wastewater Treatment
9	0049/2024/AGJ	澳門大學 Universidade de Macau	胡元佳 Hu, Yuan Jia	化橘紅防治肥胖及其并發症功效物質基礎與應用開發研究 Study on the material basis and application development of Citrus grandis in the prevention and treatment of obesity and its complications

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10	0064/2024/AGJ	照開國際有限公司 Mr Lady International Ltd.	黃照開 Huang, Zhaokai	T-MSCT防治慢性移植抗宿主病的臨床策略與機制研究 Clinical and Mechanisms Study or the Prevention and Treatment of Chronic Graft-versus-Host Disease with T-MSCT therapy
11	0076/2024/AGJ	澳門大學 Universidade de Macau	鄭慧珊 Cheang, Wai San	微生物催化提升陈皮黄酮调节糖脂代谢的活性评价与产业化示范 Improving the active component of flavonoids from Pericarpium Citri Reticulatae by microbial transformation and its application for promoting glucose and lipid metabolism
12	0077/2024/AGJ	澳門大學 Universidade de Macau	何承偉 He, Chengwei	廣陳皮多糖綜合開發利用關鍵技術研究與產業化 Research and Industrialization of Key Technologies for Comprehensive Development and Utilization of Polysaccharides from Citri Reticulatae Pericarpium

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13	0005/2024/AGJ	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	鍾恬 Zhong, Tian	基於自組裝多糖納米載體技術的皂苷類天然植物化妝品新原料開發及產業化 Development and industrialization of novel saponin-based raw materials for natural plant cosmetics utilizing self-assembled polysaccharide nanocarrier technology
14	0012/2024/AGJ	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	馮可 Feng, Kc	基於mRNA技術促進慢性難愈性創面修復的研究 Research in promoting chronic refractory wound repair based on mRNA technology
15	0025/2024/AGJ	岐英堂製藥有限公司 Herbal Kingdom Pharmaceutical Co., Ltd.	楊新春 Yang, Xinchun	抗心力衰竭及猝死多靶点核酸药物研发 Developing multitarget Nucleic acid drug to treat heart failure and sudden death.
16	0038/2024/AGJ	澳門大學 Universidade de Macau	戴寧怡 Dai, Ningyi	智慧城市高可靠綠色電網數字孿生裝備研發及應用 Research and Application of Digital Twin Equipment for High-Reliability Green Power Grid in Smart Cities
17	0040/2024/AGJ	澳門大學 Universidade de Macau	于維翰 Yu, Wei Han	基于CAP-ROM和遷移學習的超低功耗人工智能語音芯片 Ultra-Low Power AI Speech Chip based on CAP-ROM and Transfer Learning

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18	0043/2024/AGJ	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	ApoC3蛋白作為多囊卵巢綜合症胰島素抵抗預警標記物的技 術研發及臨床應用 The research and application of ApoC3 protein as a biomarker for insulin resistance in polycystic ovary syndrome.
19	0044/2024/AGJ	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	萬軍 Wan, Jun	基於大模型關鍵技術的全球化人臉防欺詐系統研發及產業化 Research and development and industrialization of global face fraud prevention system based on key technologies of large models
20	0045/2024/AGJ	澳門大學 Universidade de Macau	王勝鵬 Wang, Shengpeng	中藥1類新藥暖宮調經顆粒（國醫大師臨床經驗方）臨床前研 究 Preclinical Study of Class 1 Chinese Medicine New Drug “Nuangong Tiaojing Granules” (National TCM Master proved prescription)
21	0046/2024/AGJ	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	羅婉君 Law, Yuen Kwan	R-3-羥基丁酸生物鹼鹽改善抑鬱的作用機制研究與產品開發 Research on the mechanism and product development of R-3- hydroxybutyric acid biosalt in improving depression
22	0050/2024/AGJ	澳門大學 Universidade de Macau	周怡聰 Zhou, Yicong	工业视觉通用预训练大模型关键技术研发 General Pre-training Large Models Technologies for Industry Vision

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23	0051/2024/AGJ	澳門大學 Universidade de Macau	王苑 Wang, Yuan	面向MEMS壓電麥克風應用的氮化鋁基薄膜製備技術研究 Towards Advanced Aluminum Nitride Based Thin Films for Practical Piezoelectric MEMS Microphone
24	0075/2024/AGJ	澳門大學 Universidade de Macau	江洋 Jiang, Yang	宽禁带半导体功率器件驱动芯片技术研究 Research on Wide-Bandgap Semiconductor Power Device Driver Chip Techniques