

一般科研資助

2019年度獲批項目

Financiamento para Geral Investigação em 2019

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	0027/2018/A	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	典型電子廢物熒光粉稀土金屬機械化學強化回收機制研究 Mechanism research of mechanochemically enhanced leaching of rare earth elements from typical e-waste
2	0001/2019/A	澳門自來水股份有限公司 The Macao Water Supply Company Limited	馬薇 Ma, Wei	基於微滴數字PCR技術的水中致病性微生物定量檢測方法的研究與應用 Development, optimization and application of a quantitative method for droplet digital PCR deployment in water-based pathogen detections
3	0005/2019/A	澳門大學 Universidade de Macau	黃錫榮 Vong, Seak Weng	時滯系統的穩定性分析--矩陣不等式方法 Stability analysis of time-delay systems--a matrix inequality approach
4	0006/2019/A	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	徐友華 Xu, Youhua	黃芪總黃酮對糖尿病代謝記憶預防作用和機理研究 Preventive effects of flavonoids from Astragali Radix against metabolic memory in diabetes based on co-metabolism between Chinese Medicines and gut microbiota
5	0007/2019/A	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	夏志浩 Hsia, Chin Hao	利用大數據資料搜尋與證認 C、D、P 型小行星上有機物質與水合物 Searching and Identifying organic matters and Hydrates on the C, D, and P Type Asteroids based on big data database
6	0008/2019/A	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	朱國元 Zhu, Guoyuan	烏藥中具 TGF- β 抑制作用的活性成分發現及作用機理研究 TGF- β inhibitors from Lindera aggregata and their molecular mechanism
7	0009/2019/A	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	王曉琳 Wang, Xiaolin	ROS 敏感 PLGA 納米載體靶向遞送益母草城治療動脈粥樣硬化的研究 Targeted delivery of leonurine by ROS responsive PLGA nanocarriers for the treatment of atherosclerosis
8	0010/2019/A	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	陳敏 Chen, Min	生薑對結腸癌細胞增殖凋亡遷移的影響及作用機制 The effect of ginger on the proliferation apoptosis and migration of colon cancer cells and its mechanism
9	0013/2019/A	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	彭宇陽 Peng, Yuyang	基於協作通信的無線傳感網路能量優化研究 Research on energy optimization in wireless sensor networks based on cooperative communications
10	0014/2019/A	澳門大學 Universidade de Macau	金小慶 Jin, Xiaoqing	Tensor chain 格式下的張量逼近研究 A study on tensor approximation with tensor chain format
11	0016/2019/A	聯合國大學國際軟件技術研究所 Instituto Internacional de Tecnologia do «Software» da Universidade das Nações Unidas	姚耐心 Thinyane Mamello	智慧城市公民網絡空間彈性研究 Smart city-zen cyber resilience
12	0017/2019/A	澳門醫學科技研究協會 Macau Medical Science & Technology Research Association	鄭力恆 Cheang, Lek Hang 吳昊 Wu, Hao	IL-6/STAT3信號通路在椎間盤退變過程中介導的再生修復作用及其機制的研究 IL-6/STAT3 promotes nucleus pulposus progenitor cell mediated regeneration during intervertebral disc degeneration

13	0019/2019/A	澳門大學 Universidade de Macau	潘治文 Pun, Chi Man	機器學習的信息安全與隱私研究 Research on information security and privacy in machine learning
14	0021/2019/A	澳門大學 Universidade de Macau	王百鍵 Wong, Pak Kin	基於胃鏡圖像和增量寬度學習對胃癌前之腸上皮化生的智能診斷研究 Intelligent diagnosis of gastric intestinal metaplasia by using gastroscopy images and Incremental broad learning
15	0023/2019/A	澳門大學 Universidade de Macau	王勝鵬 Wang, Shengpeng	治療炎症性腸病的薑類中藥類外泌體的開發 Development of exosome-like nanoparticles from gingers (Zingiberaceae) for the treatment of inflammatory bowel disease
16	0086/2018/A3	鏡湖醫院慈善會 Associação de Beneficência do Hospital Kiang Wu	韋潔貞 Wai, Kit Cheng	三陰乳腺癌免疫治療分子靶點研究 A study on molecular targets for immunotherapy in triple negative breast carcinoma
17	0094/2018/A3	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	栗占國 Li, Zhanguo	類風濕關節炎精準診療的生物標誌物及分子診斷研究 Biomarkers screening and molecular classification method for precise diagnosis and treatment in rheumatoid arthritis
18	0098/2018/A3	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	馮麗 Feng, Li	無線分布式網絡下的中心控制方案研究 A centralized control solution over wireless distributed networks
19	0101/2018/A3	澳門大學 Universidade de Macau	徐曉玲 Xu, Xiaoling	BRCA1在乳腺上皮細胞的分化，命運決定，及上皮完整性的功能與乳腺癌發生的關係 Relationship between mammary tumorigenesis and functions of BRCA1 in mammary epithelial cell differentiation, fate determination and epithelial integrity
20	0102/2018/A3	澳門大學 Universidade de Macau	潘全威 Poon, Chuen Wai	在蛋白序列分析及翻譯後修飾表徵上獲得 100%序列覆蓋率的創新方法 An innovative method for protein sequence analysis and PTM characterization with 100% sequence coverage
21	0109/2018/A3	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	代雲路 Dai, Yunlu	基于多酚的下一代納米材料用于癌症診斷治療 Polyphenols based next generation nanomaterials for cancer theranostics
22	0112/2018/A3	澳門大學 Universidade de Macau	徐仁和 Xu, Renhe	胚源幹細胞提高美容手術中脂肪移植的成功率 Enhancing fat engraftment with embryo-derived stem cells for plastic surgery
23	0113/2018/A3	澳門大學 Universidade de Macau	鄭文華 Zheng, Wenhua	自噬在青蒿素保護人視網膜色素上皮細胞中的作用及機制 The role of autophagy in the protective effect of artemisinin on human retinal pigment epithelial cells(RPE) and its underlying mechanism
24	0117/2018/A3	澳門大學 Universidade de Macau	狄利俊 Di, Lijun	GSK3 β 促進肥胖脂肪組織內炎症發生及胰島素抵抗的機制研究及其在疾病預防和治療中的應用研究 Mechanism study of GSK3 regulated obesity-induced inflammation within white adipose tissue and its application in disease prevention and treatment
25	0118/2018/A3	澳門大學 Universidade de Macau	孫海衛 Sun, Haiwei	一類守恒分數階偏微分方程的預條件共軛梯度法 Preconditioned conjugate gradient methods for a kind of conservative fractional partial differential equations
26	0119/2018/A3	澳門大學 Universidade de Macau	陳俊龍 Chen, Chun Lung Philip	寬度學習系統理論發展及其應用 The theoretic development and applications of broad learning system
27	0123/2018/A3	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	錢濤 Qian, Tao	再生核 Hilbert 空間的自適應 Fourier 分解(AFD) 理論及應用 Theory and applications of adaptive fourier decomposition in reproducing Kernel Hilbert spaces
28	0125/2018/A3	澳門大學 Universidade de Macau	王雙鵬 Wang, Shuangpeng	基于原子層外延二氧化鈦電子傳輸層的長壽命量子點發光二極管 Long-life Quantum dot light emitting diode on atomic layer deposited TiO2 electron transportation layer

29	0001/2019/A1	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	張可 Zhang, Keke	火星磁場地圖及其科學解釋、內部結構與熱演化 Magnetic field of Mars: mapping, interpretation, and consequences for the Planet's structure and evolution
30	0002/2019/A1	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	徐曉軍 Xu, Xiaojun	月球高能粒子環境研究與地球弓激波高能粒子到達月球預報 Study of the Moon's energetic particle environment and forecast of the Earth's bow shock energetic particles at Moon
31	0003/2019/A1	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	李東 Li, Dong	基於超奈奎斯特速率傳輸的非正交大規模多天線系統設計 Design of faster-than-nyquist rate transmission for non-orthogonal massive MIMO systems
32	0004/2019/A1	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	白麗萍 Bai, Liping	鹼性鞘磷脂質體的構建及其用於 siRNA 和化療藥物的聯合遞送研究 Construction of alkaline sphingomyelin-based cationic liposome and its application in co-delivery of siRNA and chemotherapy drug Construction of alkaline sphingomyelin-based cationic liposome and its application in co-delivery of siRNA and chemotherapy drug
33	0005/2019/A1	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	倪冬冬 Ni, Dongdong	氣態巨行星的內部結構、物質成分、以及表面緯向風分佈 Internal structure, interior composition, and surface zonal wind of gas giant planets
34	0006/2019/A1	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	黨培 Dang, Pei	完備流形上的 Caffarelli-Kohn-Nirenberg 不等式、Hardy-Rellich 不等式以及 Heisenberg-Pauli-Weyl 不等式 Caffarelli-Kohn-Nirenberg inequality, Hardy-Rellich inequality and Heisenberg-Pauli-Weyl inequality on complete manifolds
35	0008/2019/A1	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	李子青 Li, Ziqing	多模態人體特徵識別算法與系統 Multimodal human feature recognition: algorithm and systems
36	0012/2019/A1	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	李志武 Li, Zhiwu	部分可觀條件下的系統不透明性研究 Opacity verification and enforcement in the framework of partially observed Petri nets
37	0013/2019/A1	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	馬文哲 Ma, Wenzhe	新型 IDH1 突變抑制劑 WM17 和 APTM 靶向治療腦膠質瘤的作用與機制研究 Antiglioma effects and mechanisms of action of novel mutant IDH1 inhibitors WM17 and APTM
38	0015/2019/A1	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	林志軍 Lin, Zhijun	基於區塊鏈與人工智能的資訊內容分發和媒體社交平台激勵機制關鍵技術研究 A study on key techniques in blockchain and artificial intelligence based content distribution and incentive mechanism on social media network
39	0016/2019/A1	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	王文敏 Nakahama Toshifumi	用於視覺生成的協同式深度學習研究 Research on collaborative deep learning for visual generation
40	0017/2019/A1	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	伍乃騏 Wu, Naiqi	嚴格工藝約束下半導體芯片製造組合設備最優調度和控制 Optimal scheduling and control of cluster tools for wafer fabrication with strict process constraints in semiconductor manufacturing

41	0019/2019/A1	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	曾祥財 Tsang, Cheung Choy Eric	基於多細微性與三支決策嘅複雜資料分析與知識獲取研究 Research on complex data analysis and knowledge acquisition based on multi granularity and three-way decision making
42	0020/2019/A1	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	于海杰 Yu, Haijie	鈣通道蛋白對肺癌 PD-L1 外泌體分泌的作用以及對 PD-1 免疫療法耐藥機制的研究 The role of calcium channels on secretion of PD-L1 containing exosomes and drug resistance of PD-1 immunotherapy in lung cancer
43	0026/2019/A1	澳門大學 Universidade de Macau	黃民聰 Wong, Man Chung	能源互聯網框架與分層能源樞紐系統的研究 Study of energy internet framework and hierarchical energy hub system
44	0031/2019/A1	澳門大學 Universidade de Macau	林理根 Lin, Ligen	基於脂肪組織-肝軸，去乙酰化酶SIRT3治療非酒精性脂肪肝的作用及其機制研究 The deacetylase SIRT3 acts as a therapeutic target against nonalcoholic fatty liver disease through adipose tissue-liver axis
45	0033/2019/A1	澳門大學 Universidade de Macau	謝瑞瑜 Xie, Ruiyu	Prdm3在胰腺炎及導管胰癌中的抗炎抑癌作用機理 The anti-inflammatory mechanisms of Prdm3 in pancreatitis and pancreatic ductal adenocarcinoma
46	0034/2019/A1	澳門大學 Universidade de Macau	萬建波 Wan, Jianbo	三七葉質量控制及安神作用的研究 Quality evaluation of Panax notoginseng leaves and its sedative-hypnotic activity
47	0035/2019/A1	澳門大學 Universidade de Macau	周萬歡 Zhou, Wanhuan	泥水盾構掌子面的護壁技術研究 Study of face stability technology for slurry shield tunneling
48	0036/2019/A1	澳門大學 Universidade de Macau	馬少丹 Ma, Shaodan	物聯網中無線信息與能量傳輸關鍵技術研究與優化設計 Analysis and optimal design of simultaneous wireless information and power transfer in IoT networks
49	0038/2019/A1	澳門大學 Universidade de Macau	吳嘉偉 Ng, Kar Wei	促進鈣鈦礦基太陽能電池商業化的鉛回收 Lead recycling for sustainable commercialization of perovskite based solar cells
50	0040/2019/A1	澳門大學 Universidade de Macau	曲松楠 Qu, Songnan	高發光量子效率近紅外發光碳納米點的研製及其在生物成像中的應用研究 Preparation of near-infrared luminescent carbon nanodots with high fluorescence quantum efficiency and their biological Imaging application
51	0041/2019/A1	澳門大學 Universidade de Macau	許冠南 Hui, Kwun Nam	用於高效電解水的分級多孔石墨烯氣凝膠負載過渡金屬單原子催化劑的研究 Development of transition-metal single-atom catalysts on hierarchical porous graphene aerogel for high efficient water electrolysis
52	0044/2019/A1	澳門大學 Universidade de Macau	殷俊 Yin, Jun	應用於5G毫米波頻段收發器的低相噪寬頻振盪器與頻率綜合器 Low-phase-noise wideband oscillators and frequency synthesizers for 5G mm-wave transceivers in CMOS
53	0045/2019/A1	澳門大學 Universidade de Macau	鞏志國 Gong, Zhiguo	社交媒體數據流的在綫事件檢測與智能分層聚類技術 A hierarchical categorization model for online events discovery from social media data
54	0048/2019/A1	澳門大學 Universidade de Macau	鄧初夏 Deng, Chuxia	BRCA1, FGFR2及其相關信號誘導的三陰性乳腺癌（TNBC）的鑑定和治療研究 Characterization and therapeutic study of triple negative breast cancer (TNBC) subtypes induced by BRCA1-FGFR2 and related signaling
55	0049/2019/A1	澳門大學 Universidade de Macau	蘇煥興 Su, Huanxing	β 澱粉樣蛋白清除機制及腦類淋巴管道在防治神經退行性疾病中的作用機制的研究 Mechanistic studies on clearance of amyloid beta in the brain and therapeutic roles of glymphatic pathways in prevention and treatment of neurodegenerative diseases
56	0053/2019/A1	澳門大學 Universidade de Macau	賈艷偉 Jia, Yanwei	數字微流控上精確的大量程皮升樣品傳遞 Pico-pipette in digital microfluidic system for precise sample delivery with wide range
57	0054/2019/A1	澳門大學 Universidade de Macau	Ricardo, Moutinho Rodrigues da Silva	研究天文館之天文導賞互動 Investigating guided-tour interactions in astronomical observatories

58	0055/2019/A1	澳門大學 Universidade de Macau	郭珩輝 Kwok, Hang Fai	應用新型的“Anti-ADAM17抗體+EGFR-TKi”聯合治療策略解決EGFR突變型肺癌的耐藥性問題 Novel combination treatment strategy with “Anti-ADAM17 Antibody+EGFR-TKi” for tackling the drug resistance issue in EGFR-mutant lung cancer
59	0057/2019/A1	澳門大學 Universidade de Macau	湯育欣 Tang, Yuxin	快充高容量負極材料儲鋰過程的原位機理研究 Revealing lithiation process in fast charging high capacity anode materials via in-situ technology
60	0058/2019/A1	澳門大學 Universidade de Macau	李銘源 Lee, Ming Yuen	乾燥綜合徵患者自身免疫相關乾眼症的新型眼部用藥（滴眼液）的研發 Development of topical application (eye drops) for the treatment of autoimmune-associated dry eye in patients with Sjgren's Syndrome
61	0059/2019/A1	澳門大學 Universidade de Macau	陳國凱 Chen, Guokai	內源因子對人類多能幹細胞分化的分子調控機制 The molecular mechanism of endogenous factors on the differentiation of human pluripotent stem cells
62	0060/2019/A1	澳門大學 Universidade de Macau	賈維嘉 Jia, Wei Jia	分布式系統中任務-資源調度的表示與強化學習算法及其系統實現 Representation and reinforcement learning algorithms and implementations for task-resource scheduling in distributed systems
63	0065/2019/A2	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	李曉東 Li, Xiao Dong	基於聚光式太陽熱能的熱電發電系統 A concentrated solar thermo-electric generation system
64	0067/2019/A2	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	謝瑩 Xie, Ying	肝X受體(LXR)拮抗劑調控MDSC細胞治療類風濕性關節炎的免疫代謝機制研究 Immunometabolism mechanism investigation of the rheumatoid arthritis suppression effect by the Liver X receptors antagonist: targeting MDSC
65	0068/2019/A2	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	田豐 Tian, Feng	環紅矮星宜居帶的理論研究 Theoretical study of the habitable zones around M Dwarfs
66	0070/2019/A2	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	楊蕾 Yang, Lei	朗道-利夫希茲-吉爾伯特方程的數值方法研究及應用 Numerical methods for Landau-Lifshitz-Gilbert equation and applications
67	0072/2019/A2	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	吳強 Wu, Qiang	鋅指蛋白PATZ1調控人類胚胎幹細胞多能性和抑制腫瘤細胞生長的分子機制研究 Investigating the molecular mechanism of regulation of hESC pluripotency and inhibition of cancer cell proliferation by PATZ1
68	0073/2019/A2	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	盧曉平 Lu, Xiaoping	機器學習識別分類雙體小行星 Identify and classify binary asteroids by machine learning
69	0074/2019/A2	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	周勇 Zhou, Yong	幾類分數階偏微分方程的初值問題和反問題的研究 Research on Initial Value problems and Inverse problems of some kinds of fractional partial differential equations
70	0075/2019/A2	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	曾祥財 Tsang, Cheung Choy Eric	多源模糊數據集信息融合與知識獲取的粒計算方法研究 Research on the granular computing approach to information fusion and knowledge acquisition in multi-source fuzzy data sets

71	0076/2019/A2	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	趙慶林 Zhao, Qinglin	基於區塊鏈的公平數據處理方案研究與驗證 Research and verification on blockchain-based fair data processing
72	0077/2019/A2	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	張偉 Zhang, Wei	靶向調節核苷酸代謝節點增效氟尿嘧啶治療結直腸癌研究 Synergistic antitumor activity of 5-fluorouracil in colorectal cancer based on the targeted-regulation of nucleotide metabolism
73	0079/2019/A2	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	Roberto Bugiolacchi	小型撞擊坑作為一種新的測量行星工具：多學科方法 Small craters as a new investigative planetary tool: a multidisciplinary approach
74	0081/2019/A2	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	胡國平 Hu, Guoping	面向嫦娥五號月球樣品的介電特性測量及其應用研究 Measurements and applications of Dielectric characteristics of Chang' E-5 Lunar samples
75	0082/2019/A2	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	姜志宏 Jiang, Zhihong	應用靶向定量蛋白質組學精準分析不同疾病相關的 chemerin 蛋白亞型及篩選驗證治療多囊卵巢綜合症的中藥活性成分 Application of targeted quantitative proteomics strategy in accurate analysis of chemerin isoforms in different diseases as well as in screening and validating of active components from TCM in treating Polycystic Ovarian Syndrome rats
76	0083/2019/A2	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	王曉琳 Wang, Xiaolin	中性粒細胞膜包覆仿生納米平臺用於靶向治療缺血性腦卒中的研究 Neutrophil membrane-coated biomimetic nanoplatform for targeted treatment of Ischemic stroke
77	0090/2019/A2	澳門大學 Universidade de Macau	徐禮虎 Xu, Lihu	Stein 方法在高維概率逼近裏的應用 The application of Stein's method in high dimensional probability approximations
78	0091/2019/A2	澳門大學 Universidade de Macau	莫昇萍 Mok, Seng Peng	優化的多針孔準值器以改善腦部的單光子發射電腦斷層掃描 Optimized multi-pinhole collimator for improved brain SPECT
79	0092/2019/A2	澳門大學 Universidade de Macau	湯育欣 Tang, Yuxin	室溫高鋰離子電導率固態電解質的理性設計及其在固態全電池的應用研究 Rational design on high ionic conductivity of solid-state electrolyte at room temperature and its application for all solid-state battery
80	0093/2019/A2	澳門大學 Universidade de Macau	路延 Lu, Yan	高效率高功率密度大電壓轉換比的混合型 DC-DC 轉換器 Hybrid DC-DC converter with high efficiency high power density and large voltage conversion ratio
81	0095/2019/A2	澳門大學 Universidade de Macau	祝雷 Zhu, Lei	應用於物聯網通信的多功能微帶天線關鍵技術研究 Research on key technologies of multi-functional microstrip antennas and their application in IOT communications
82	0096/2019/A2	澳門大學 Universidade de Macau	余華 Yu, Hua	基於網路藥理學對中藥稀莨草新型倍半萜活性成分 Leocarpinolide B 治療類風濕性關節炎的分子機制及生物藥劑學評價 Pharmacological and biopharmaceutical evaluations of Leocarpinolide B, a novel sesquiterpene from Sigesbeckia Herba, on Rheumatoid Arthritis: combined computational predictions and experimental demonstrations
83	0097/2019/A2	澳門大學 Universidade de Macau	王春明 Wang, Chunming	工程化自體來源單核細胞重塑再生免疫微環境促進糖尿病創傷癒合 Engineering autologous monocytes to rebuild pro-regenerative immune niche for diabetic wound healing
84	0098/2019/A2	澳門大學 Universidade de Macau	燕茹 Yan, Ru	靶向人腸道菌 β -葡萄糖醛酸苷酶抑制緩解抗癌藥伊立替康對結直腸癌病人的腸毒性 Targeting human gut bacterial β -glucuronidases inhibition for alleviating gastrointestinal toxicity of irinotecan in colorectal cancer patients

85	0101/2019/A2	澳門大學 Universidade de Macau	黃輝 Wong, Fai	基於語言學先驗知識指導的自關注神經機器翻譯模型 Guiding self-attention based neural machine translation with linguistic prior knowledge
86	0102/2019/A2	澳門大學 Universidade de Macau	潘暉 Pan, Hui	基於 MXenes 電催化氮氣生成氨氣 Electrochemical reduction of N ₂ to ammonia using MXenes as catalysts
87	0104/2019/A2	澳門大學 Universidade de Macau	王雅凡 Wang, Ya Fan	NFkappaB 和致癌蛋白質Bcl3在基因轉錄調控中的分子機制研究 Mechanistic study of NFkappaB and oncoprotein Bcl3 in transcriptional regulation
88	0106/2019/A2	澳門大學 Universidade de Macau	趙永華 Zhao, Yonghua	澳門認知功能障礙長者中醫“體-病-証”辨識與腸道微生物組學和代謝組學特徵性變化的相關性研究 The correlated study between the differentiation of Chinese medical “Constitution-Disease-Syndrome” and characteristics of gut microbiota and metabolomics in Macao elderly with cognitive dysfunction
89	0107/2019/A2	澳門大學 Universidade de Macau	李剛 Li, Gang	AMPK-TET2-PAX7 軸調控骨骼肌生成：治療癌症誘發的肌肉萎縮的新方法 AMPK-TET2-PAX7 Axis regulates myogenesis: New approaches treating cancer-induced muscle wasting
90	0108/2019/A2	澳門大學 Universidade de Macau	諸嫣 Zhu, Yan	用於新興物聯網系統用的超低功耗物理反複製技術電路研究與開發 Research and development of ultra-low-power PUF circuits for emerging IoT systems
91	0110/2019/A2	澳門大學 Universidade de Macau	阮家輝 Un, Ka Fai	應用於物聯網的超低功耗模擬邊緣計算人工智能芯片 Ultra low power analog edge computing artificial intelligence chip for internet-of-things
92	0112/2019/A2	澳門大學 Universidade de Macau	鄧初夏 Deng, Chuxia	Cul3作為肝腫瘤抑制因數和藥物敏感性調節因數的功能研究 Functional study of Cul3 as a liver tumor suppressor and drug sensitivity regulator
93	0113/2019/A2	澳門大學 Universidade de Macau	鄭軍 Zheng, Jun	警報素Ap4A增強氨基糖苷類抗生素殺菌效力的分子機制研究 Mechanistic studies of Alarmone Ap4A enhancement on bacterial killing by Aminoglycosides
94	0114/2019/A2	澳門大學 Universidade de Macau	張宣軍 Zhang, Xuanjun	金屬有機聚合物納米熒光探針用於活細胞內甲醛檢測 Fluorescent metallopolymer nanoprobe for monitoring Formaldehyde in living cells
95	0164/2019/A3	辰安信息科技一人有限公司 GSAFETY INFORMATION TECHNOLOGY LIMITED	婁世艷 Lou, Shiyang	面向民眾防災減災教育的沉浸式體驗關鍵技術及裝備研製 Research on the key technology and equipment for the immersive experience on disaster prevention and mitigation education to public citizens