

109 年本校第三季(7-9 月)重要論文

學院	系所	姓名	作者序	論文題目/重點說明	期刊	年度/月份	Impact Factor	期刊領域排名百分比
醫學院	傳統醫藥研究所	許中華	通訊作者	Influence of Traditional Chinese Medicine on Medical Adherence and Outcome in Estrogen Receptor (+) Breast Cancer Patients in Taiwan: A Real-World Population-Based Cohort Study (The aim of this study was to investigate the effects of traditional Chinese medicine (TCM) on medical adherence to hormonal therapy (HT) and survival outcome in ER (+) breast cancer patients in Taiwan.)	Phytomedicine	2020/09	4.268	7.14% (2/28)
醫學院	解剖學及細胞生物學研究所	王先逸	通訊作者	Lactobacillus plantarum PS128 alleviates neurodegenerative progression in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced mouse models of Parkinson's disease (本論文是第一個發現精神益生菌 Lactobacillus plantarium PS128 有助於減輕由 MPTP 誘發的巴金森氏症動物模式所產生的運動障礙，並且對多巴胺神經有保護作用。)	Brain, Behavioral, and Immunity	2020/07	6.633	9.19% (25/272)
醫學院	醫學系/臨床醫學研究所	黃怡翔	通訊作者	Risk of HBV reactivation in patients with immune checkpoint inhibitor-treated unresectable hepatocellular carcinoma (B 型肝炎病患合併肝癌在接受免疫檢查點抑制劑治療時，高 B 肝病毒量並不是治療禁忌，只要能同時給予 B 肝抗病毒藥物治療，則沒有出現 B 肝病毒再活化的風險。但若是未給予 B 肝抗病毒藥物，還是會發生 B 肝病毒的再活化。)	Journal for Immunotherapy of Cancer	2020/08	10.252	6.29% (10/159)

醫學院	臨床醫學研究所	李美璇	通訊作者	Development and Validation of a Nomogram for Patients with Nonmetastatic BCLC Stage C Hepatocellular Carcinoma after Stereotactic Body Radiotherapy (The nomogram we generated had discriminatory and satisfactory predictability for OS among nonmetastatic BCLC stage C HCC patients treated with SBRT.)	Liver Cancer	2020/07	9.720	8.20% (20/244)
醫學院	腦科學研究所	蔡金吾	通訊作者	Impairment in dynein-mediated nuclear translocation by BICD2 C-terminal truncation leads to neuronal migration defect and human brain malformation (Our results underscore impaired nuclear translocation during neuronal migration as an important pathomechanism of lissencephaly.)	Acta Neuropathologica Communications	2020/07	6.270	10.29% (28/272)
醫學院	醫學系	鄭浩民	通訊作者	Associations of Blood Pressure and Carotid Flow Velocity with Brain Volume and Cerebral Small Vessel Disease in a Community-Based Population (High SBP and low carotid flow velocities were independently associated with brain volume and CSVD. These associations may be involved in the pathophysiology of cognitive function decline.)	Translational Stroke Research	2020/08	5.780	10.78% (22/204)
牙醫學院	口腔生物研究所	黎萬君	共同第一作者	Natural Compounds Modulate Drug Transporter Mediated Oral Cancer Treatment (發現天然化合物綠茶多酚及薑黃素可經由調控與癌幹性(stemness)相關的傳送受器 ABCG2 來增加光動力治療對口腔癌治療的成效。本研究成果具新創性且可做而為臨床上利用光動力治療口腔癌的治療參考依據。)	Biomolecules	2020/09	4.082	33% (98/297)

生命科學院	生化暨 分子生 物研究 所	陳鴻震	通訊 作者	Lamin A-mediated nuclear lamina integrity is required for proper ciliogenesis. (研究成果不僅有助於了解早衰症及其他核纖層蛋白病變 (laminopathy) 的致病機轉，也開啟了開發治療相關疾病的嶄新研究方向。)	EMBO Reports	2020/08	7.497	10.78% (32/297)
生命科學院	生化暨 分子生 物研究 所	陳威儀	通訊 作者	E2A-PBX1 functions as a coactivator for RUNX1 in acute lymphoblastic leukemia (研究成果可提供未來研發新藥物及精準治療的重要依據。)	Blood	2020/07	17.543	1.31% (1/71)
生命科學院	神經科 學研究 所	吳仕煒	通訊 作者	Base rate neglect and neural computations for subjective weight in decision under uncertainty (本研究透過功能性磁振造影，首度發現人類大腦的訊息磅秤系統。此系統為前額葉的眼窩額葉、內側前額葉、內測頂額葉和殼核等四個腦區所組成的一個網路。)	Proceedings of the National Academy of Sciences of the United States of America	2020/07	9.58	10.14% (7/69)
生命科學院	微生物 及免疫 學研究 所/生命 科學系 暨基因 體科學 所	黃雪莉/ 孫維欣	共同 作者 / 通訊 作者	TDAG8 deficiency reduces satellite glial number and pro-inflammatory macrophage number to relieve rheumatoid arthritis disease severity and chronic pain. (This study demonstrates that TDAG8 deletion reduced SGC and M1 macrophage number to relieve RA disease severity and associated chronic pain. M1 macrophages are critical for the development and maintenance of RA disease and pain, but glial activation is also required for the chronic phase of RA pain.)	J Neuroinflammation	2020/05	5.7	13.28 (36/271)
護理學院	臨床護 理所	邱愛富	通訊 作者	The effects of a self-regulation programme on self-care behavior in patients with heart failure: A randomized controlled trial (Self-care behaviour is important for patients with heart failure to	International Journal of Nursing Studies	2020/09 (in press)	3.783	0.83% (1/121)

				prevent disease progression.)				
生物醫學暨工程學院	生物醫學工程學系	陳右穎	通訊作者	Enhancement of Hippocampal Spatial Decoding Using a Dynamic Q-Learning Method With a Relative Reward Using Theta Phase Precession (Combining place cells and interneurons with theta phase precession improved the convergence rate and prediction accuracy. The proposed <i>d</i> Q-learning algorithm is a quick and more accurate method to perform trajectory reconstruction and prediction.)	International Journal of Neural Systems	2020/09	5.604	13.14% (18/137)
生物醫學暨工程學院	醫學生物技術暨檢驗學系	楊翠青	通訊作者	Roles of FadRACB system in formaldehyde detoxification, oxidative stress alleviation and antibiotic susceptibility in <i>Stenotrophomonas maltophilia</i> (The FadACB system contributes to mitigation of formaldehyde toxicity and oxidative stress and cross-protects <i>S. maltophilia</i> from quinolones.)	Journal of Antimicrobial Chemotherapy	2020/08	5.439	8.12% (22/271)