

## 110 年度 生物醫學轉譯研究所 期刊論文明細表

編號	連續編號	所內作者	發表身分	論文資訊	期刊名稱	期刊領域	領域排名	最新IF	領域百分比
P-2021-01-宋沛勳	01	(第一作者) 宋沛勳 (通訊作者) 葉漢根	第一	Sung PH, Huang WC, Chao TH, Lee CH, Yang TY, Lin YS, Chang RY, Chong JT, Yang CH, Chen CJ, Chung SY, Hsueh SK, Wu CJ, Yip HK. Intra-Coronary Administration of Tacrolimus Improves Myocardial Perfusion and Left Ventricular Function in Patients with ST-Segment Elevation Myocardial Infarction (COAT-STEMI).	Acta Cardiologica Sinica	Cardiac and cardiovascular systems	84/141	2.672	59.6%
P-2021-02-吳芎歷	02	(通訊作者) 吳芎歷	通訊	Maternal high-fructose diet induced early-onset retinopathy via the suppression of synaptic plasticity mediated by mitochondrial dysfunction. Huang HM, Wu CW, Chen IC, Lee YC, Huang YS, Hung CY, Wu KLH.	Am J Physiol Endocrinol Metab.	Physiology	15/81	4.310	18.5%
P-2021-03-李隆志	03	(共同作者) 李隆志	共同	Tsai KF, Chen YL, Chiou TTY, Chu TH, Li LC, Ng HY, Lee WC, Lee CT*. Emergence of SGLT2 inhibitors as Powerful Antioxidants in Human Diseases. Antioxidants. 2021 Jul 22;10(8):1166.	Antioxidants	Chemistry, Medicinal	6/62	6.313	9.7%
P-2021-04-田祐霖	04	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, Chih-Hsing Hung, Chih-Yao Hou, Chi-I. Chang, You-Lin Tain. Perinatal Resveratrol Therapy to Dioxin-Exposed Dams Prevents the Programming of Hypertension in Adult Rat Offspring. Antioxidants (Basel). 2021 Sep;10(9):1393.	Antioxidants	Chemistry, Medicinal	6/62	6.312	9.7%
P-2021-05-田祐霖	05	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, Hung-Wei Yang, Chih-Yao Hou, Guo-Ping Chang-Chien, Sufan Lin, You-Lin Tain*. Melatonin Prevents Chronic Kidney Disease-Induced Hypertension in Young Rat Treated with Adenine: Implications of Gut Microbiota-Derived Metabolites. Antioxidants 2021, 10, 1211	Antioxidants	Chemistry, Medicinal	6/62	6.312	9.7%
P-2021-06-田祐霖	06	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, You-Lin Tain*. Developmental Origins of Kidney Disease: Why Oxidative Stress Matters? Antioxidants 2021, 10(1), 33	Antioxidants	Chemistry, Medicinal	6/62	6.312	9.7%
P-2021-07-田祐霖	07	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, You-Lin Tain*. Preventing Developmental Origins of Cardiovascular Disease: Hydrogen Sulfide as a Potential Target? Antioxidants 2021, 10, 247	Antioxidants	Chemistry, Medicinal	6/62	6.312	9.7%
P-2021-08-田祐霖	08	(第一作者) 田祐霖	第一	You-Lin Tain, Sam K. C. Chang, Jin-Xian Liao, Yu-Wei Chen, Hung-Tse Huang, Yu-Lun Li, Chih-Yao Hou 5*. Synthesis of Short-Chain-Fatty-Acid Resveratrol Esters and Their Antioxidant Properties. Antioxidants 2021, 10, 420	Antioxidants	Chemistry, Medicinal	6/62	6.312	9.7%
P-2021-09-呂史提	09	(第一作者) 呂史提 (通訊作者) 呂史提	第一	Leu S. The role and regulation of Pnn in proliferative and non-dividing cells: Form embryogenesis to pathogenesis. Biochem Pharmacol. 2021 Jul 5;192:114672.	Biochem Pharmacol	Pharmacology & Pharmacy	39/275	5.858	14.2%
P-2021-10-曾鴻泰	10	(第一作者) 曾鴻泰	第一	Tzeng HT, Chyuan IT, Lai JH*. Targeting the JAK-STAT pathway in autoimmune diseases and cancers: A focus on molecular mechanisms and therapeutic potential. Biochem Pharmacol. 2021;193:114760.	Biochem Pharmacol	Pharmacology & Pharmacy	39/275	5.858	14.2%
P-2021-11-蔡靜宜	11	(通訊作者) 蔡靜宜	通訊	Poon YY, Liu YW, Huang YH, Chan SHH*, Tsai CY*. Postoperative stroke after spinal anesthesia and responses of carotid or cerebral blood flow and baroreflex functionality to spinal bupivacaine in rats. Biology (Basel) 2021;10(7):617.	Biology (Basel)	Biology	16/93	5.079	17.2%
P-2021-12-宋沛勳	12	(通訊作者) 宋沛勳	通訊	Yuan Z, Zhang LZ, Li B, Chung HT, Jiang JX, Chiang JY, Chiang HJ, Yip HK, Sung PH. Investigation of echocardiographic characteristics and predictors for persistent defects of patent foramen ovale or patent ductus arteriosus in Chinese newborns. Biomed J. 2021 Apr;44(2):209-216.	Biomed J	BIOCHEMISTRY & MOLECULAR BIOLOGY	95/295	4.910	32.2%
P-2021-13-吳芎歷	13	(通訊作者) 吳芎歷	通訊	Chang HH, Lin IC, Wu CW, Hung CY, Liu WC, Wu CY, Cheng CL, Wu KLH. High fructose induced osteogenic differentiation of human valve interstitial cells via activating PI3K/AKT/mitochondria signaling. Biomed J. 2021 Jul 3;S2319-4170(21)00086-X.	Biomed J.	Biochemistry & Molecular biology	95/295	4.910	32.2%
P-2021-14-葉漢根	14	(通訊作者) 葉漢根	通訊	Chang CL, Chen KH, Sung PH, Chiang JY, Huang CR, Chen HH, Yip HK. Combined high energy of extracorporeal shock wave and 5-FU effectively suppressed the proliferation and growth of tongue squamous cell carcinoma. Biomed Pharmacother. 2021 Aug 16;142:112036.	Biomedicine & pharmacotherapy	Pharmacology and pharmacy	25/275	6.529	9.1%
P-2021-15-葉漢根	15	(通訊作者) 葉漢根	通訊	Chen KH, Chai HT, Chen CH, Huang CR, Chiang JY, Sung PH, Chu YC, Yip HK. Synergic effect of combined cyclosporin and melatonin protects the brain against acute ischemic reperfusion injury. Biomed Pharmacother. 2021 Apr;136:111266	Biomedicine & pharmacotherapy	Pharmacology and pharmacy	25/275	6.529	9.1%
P-2021-16-葉漢根	16	(通訊作者) 葉漢根	通訊	Yang CC, Sung PH, Chen KH, Chai HT, Chiang JY, Ko SF, Lee FY, Yip HK. Valsartan- and melatonin-supported adipose-derived mesenchymal stem cells preserve renal function in chronic kidney disease rat through upregulation of prion protein participated in promoting PI3K-Akt-mTOR signaling and cell proliferation. Biomed J.	Biomedicine & pharmacotherapy	Pharmacology and pharmacy	25/275	6.529	9.1%
P-2021-17-葉漢根	17	(通訊作者) 葉漢根	通訊	Yeh JN, Sung PH, Chiang JY, Sheu JJ, Huang CR, Chu YC, Chua S, Yip HK. Early treatment with combination of SS31 and entresto effectively preserved the heart function in doxorubicin-induced dilated cardiomyopathic rat. Biomed Pharmacother. 2021 Sep;141:111886	Biomedicine & pharmacotherapy	Pharmacology and pharmacy	25/275	6.529	9.1%
P-2021-18-葉漢根	18	(通訊作者) 葉漢根	通訊	Yeh JN, Yue Y, Chu YC, Huang CR, Yang CC, Chiang JY, Yip HK, Guo J. Entresto protected the cardiomyocytes and preserved heart function in cardiorenal syndrome rat fed with high-protein diet through regulating the oxidative stress and Mfn2-mediated mitochondrial functional integrity. Biomed Pharmacother. 2021 Dec;144:112744	Biomedicine & pharmacotherapy	Pharmacology and pharmacy	25/275	6.529	9.1%
P-2021-19-葉漢根	19	(第一作者) 葉漢根	第一	Yip HK, Dubey HK, Lin KC, Sung PH, Chiang JY, Chu YC, Huang CR, Chen YL, Deng YH, Cheng HC, Deng WP. Melatonin rescues cerebral ischemic events through upregulated tunneling nanotube-mediated mitochondrial transfer and downregulated mitochondrial oxidative stress in rat brain. Biomed Pharmacother. 2021	Biomedicine & pharmacotherapy	Pharmacology and pharmacy	25/275	6.529	9.1%
P-2021-20-陳尚德	20	(第一作者) 陳尚德 (通訊作者) 楊政霖	第一	Chen SD, Yang JL, Hsieh YH, Lin TK, Lin YC, Chao AC, Yang JL. Potential Roles of Sestrin2 in Alzheimer's Disease: Antioxidation, Autophagy Promotion, and Beyond. Biomedicines. 2021 Sep 24;9(10):1308.	Biomedicines	Biochemistry&Molecular Biology	65/295	6.081	22.0%

P-2021-21-葉漢根	21	(通訊作者) 葉漢根	通訊	Chen YT, Huang KH, Chiang JY, Sung PH, Huang CR, Chu YC, Chuang FC, Yip HK. Extracorporeal Shock Wave Therapy Protected the Functional and Architectural Integrity of Rodent Urinary Bladder against Ketamine-Induced Damage. <i>Biomedicines</i> . 2021 Oct 4;9(10):1391.	Biomedicines	BIOCHEMISTRY & MOLECULAR BIOLOGY	65/295	6.081	22.0%
P-2021-22-田祐霖	22	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, You-Lin Tain*. Animal Models for DOHaD Research: Focus on Hypertension of Developmental Origins. <i>Biomedicines</i> 2021, 9, 623.	Biomedicines	BIOCHEMISTRY & MOLECULAR BIOLOGY	65/295	6.081	22.0%
P-2021-23-李隆志	23	(第一作者) 李隆志 (通訊作者) 楊政霖 (共同作者) 陳威宇	第一	Li LC, Chen WY, Chen JB, Lee WC, Chang CC, Tzeng HT, Huang CC, Chang YJ, Yang JL. The AST-120 Recovers Uremic Toxin-Induced Cognitive Deficit via NLRP3 Inflammation Pathway in Astrocytes and Microglia. 2021 Sep 17;9(9):1252.	Biomedicines	BIOCHEMISTRY & MOLECULAR BIOLOGY	65/295	6.081	22.0%
P-2021-24-宋沛勳	24	(第一作者) 宋沛勳 (通訊作者) 葉漢根	第一	Sung PH, Lee MS, Chai HT, Chiang JY, Li YC, Chu YC, Huang CR, Yip HK. Extracorporeal Shock Wave Enhanced Exogenous Mitochondria into Adipose-Derived Mesenchymal Stem Cells and Further Preserved Heart Function in Rat Dilated Cardiomyopathy. <i>Biomedicines</i> . 2021 Sep 30;9(10):1362.	Biomedicines	BIOCHEMISTRY & MOLECULAR BIOLOGY	65/295	6.081	22.0%
P-2021-25-田祐霖	25	(共同作者) 田祐霖	共同	Lung-Ming Fu, Ming-Kuei Shih, Chang-wen Hsien, Wei-Jhong Ju, You-Lin Tain, Kuan-Chen Cheng, Jia-Hong Hsu, Yu-Wei Chen, Chih-Yao Hou. Design of an Integrated Microfluidic Paper-Based Chip and Inspection Machine for the Detection of Mercury in Food with Silver Nanoparticles. <i>Biosensors (Basel)</i> . 2021 Nov	Biosensors	CHEMISTRY, ANALYTICAL	17/87	5.519	19.5%
P-2021-26-田祐霖	26	(共同作者) 田祐霖	共同	Yu-Chun Chang, Yi-Hsuan Chu, Chien-Cheng Wang, Chih-Hsuan Wang, You-Lin Tain, Hung-Wei Yang. Rapid Detection of Gut Microbial Metabolite Trimethylamine N-Oxide for Chronic Kidney Disease Prevention. <i>Biosensors (Basel)</i> . 2021 Sep 14;11(9):339.	Biosensors	CHEMISTRY, ANALYTICAL	17/87	5.519	19.5%
P-2021-27-陳定澐	27	(共同作者) 陳定澐	共同	Yang SY, Wang CC, Chen KD, Liu YW, Lin CC, Chuang CH, Tsai YC, Yao CC, Yen YH, Hsiao CC, Hu TH, Tsai MC*. Statin use is associated with a lower risk of recurrence after curative resection in BCLC stage 0-A hepatocellular carcinoma. <i>BMC Cancer</i> . 2021 Jan 15;21(1):70.	BMC Cancer	Oncology	109/242	4.430	45.0%
P-2021-28-楊政霖	28	(通訊作者) 楊政霖 (共同作者) 蘇家豪	通訊	Tsai YH, Su CH, Lee IN, Yang JT, Lin LC, Huang YC, Yang JL. Effects of Early Rehydration on Brain Perfusion and Infarct Core after Middle Cerebral Artery Occlusion in Rats. 2021, 11(4):439	Brain Sciences	NEUROSCIENCES	157/273	3.394	57.5%
P-2021-29-彭瑞銘	29	(第一作者) 彭瑞銘	第一	Peng JM, Tseng RH, Shih TG, Hsieh SY*. CAMK2N1 suppresses hepatoma growth through inhibiting E2F1-mediated cell-cycle signaling. 2021, 497: 66-76	Cancer Letters	Oncology	34/242	8.679	14.0%
P-2021-30-彭瑞銘	30	(第一作者) 彭瑞銘	第一	Peng JM, Chen WTY, Cheng JH, Luo JW, Tzeng HT*. Dysregulation of Cytoskeleton Remodeling Drives Invasive Leading Cells Detachment. 2021, 13: 5648	Cancers	Oncology	51/242	6.639	21.1%
P-2021-31-曾鴻泰	31	(第一作者) 曾鴻泰	第一	Tzeng HT*, Yang JL, Tseng YJ, Lee CH, Chen WJ, Chyuan IT*. Plasmidogen Activator Inhibitor-1 Secretion by Autophagy Contributes to Melanoma Resistance to Chemotherapy through Tumor Microenvironment Modulation. 2021;13(6):1253.	Cancers	Oncology	51/242	6.639	21.1%
P-2021-32-葉漢根	32	(通訊作者) 葉漢根	通訊	Yeh JN, Yang RK, Wallace CG, Huang CR, Chu YC, Yip HK, Guo J. Impact of One Versus Two Consecutive Doses of Endothelial Cells (EPCs) and EPCs-Derived Condition Medium on Protecting Myocardium from Acute Ischemia-Reperfusion Injury in Rat. <i>Cell Transplant</i> . 2021 Jan; Dec 30;963687211007049	Cell transplantation	Medicine, research amd experimental	69/140	4.064	49.3%
P-2021-33-陳定澐	33	(第一作者) 陳定澐	第一	Chen KD, Lin WC, Kuo HO*. Chemical and Biochemical Aspects of Molecular Hydrogen in Treating Kawasaki Disease and COVID-19. 2021 Apr 19;34(4):952-958. (2021 Apr)	Chemical Research in Toxicology	Chemistry, Medicinal	25/71	3.793	35.2%
P-2021-34-田祐霖	34	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, You-Lin Tain. Asymmetric Dimethylarginine (ADMA) in Pediatric Renal Diseases: From Pathophysiological Phenomenon to Clinical Biomarker and Beyond. <i>Children</i> . 2021 Oct; 8(10): 837.	Children-Basel	PEDIATRICS	45/177	2.863	25.4%
P-2021-35-彭瑞銘	35	(第一作者) 彭瑞銘	第一	Peng JM, Hsieh SY, Cheng JH, Luo JW, Su YL, Luo HL*. Confirming Whether KLUH23 Deficiency Potentiates Migration in Urothelial Carcinoma. 2021, 64: 142-149	Chinese Journal of Physiology	Physiology	70/81	1.764	86.4%
P-2021-36-葉漢根	36	(通訊作者) 葉漢根	通訊	Li YC, Sung PH, Yang YH, Chiang JY, Yip HK, Yang CC. Dipeptidyl peptidase 4 promotes peritoneal fibrosis and its inhibitions prevent failure of peritoneal dialysis. <i>Commun Biol</i> . 2021 Jan 29;4(1):144. doi: 10.1038/s42003-021-01652-x.	Communications biology	Biology	8/92	6.268	8.7%
P-2021-37-陳定澐	37	(第一作者) 陳定澐 (共同作者) 黃廣慈 (共同作者) 陳肇隆	第一	Chen KD, Hsu CN, Wu YJ, Chu CH, Huang KI, Tsai MC, Chiu KW, Cheng BC, Chiu CH, Chen CL, Lin CC*. The Perioperatively Altered Neutrophil-to-Lymphocyte Ratio Associates with Impaired DNA Damage Response in Liver Transplantation Recipients with Hepatocellular Carcinoma. 2021, 11(7): 209	Diagnostics	Medicine, General & Internal	45/169	3.706	26.6%
P-2021-38-葉漢根	38	(通訊作者) 葉漢根	通訊	Yang CC, Sung PH, Chiang JY, Chai HT, Chen CH, Chu YC, Li YC, Yip HK. Combined tacrolimus and melatonin effectively protected kidney against acute ischemia-reperfusion injury. <i>FASEB J</i> . 2021 Jun;35(6):e21661.	FASEB journal : official publication of the Federation of American Societies for Experimental Biology	Biology	14/93	5.191	15.1%
P-2021-39-李隆志	39	(共同作者) 李隆志	共同	Fu CM, Li LC, Lee YT, Wang SW, Hsu CN. Apixaban vs. Warfarin in Atrial Fibrillation Patients With Chronic Kidney Disease. <i>Frontiers in Cardiovascular Medicine</i> . 2021 Oct 18;8:752468.	Frontiers in Cardiovascular Medicine	Cardiac & Cardiovascular Systems	30/142	6.050	21.1%
P-2021-40-李隆志	40	(通訊作者) 李隆志	通訊	Lee YT, Hsu CN, Fu CM, Wang SW, Huang CC, Li LC*. Comparison of Adverse Kidney Outcomes With Empagliflozin and Linagliptin Use in Patients With Type 2 Diabetic Patients in a Real-World Setting. <i>Frontiers in Pharmacology</i> . 2021 Dec 21;12:781379.	Frontiers in Pharmacology	Pharmacology & Pharmacy	40/276	5.811	14.5%
P-2021-41-楊政霖	41	(通訊作者) 楊政霖	通訊	Chang CC, Silva BBI, Huang HY, Tsai CY, Flores RJD, Tayo LL, Tyan YC, Tsai MA, Catulin GEM, Chuang KP, Yang JL. Development and Validation of KASP Assays for the Genotyping of Racing Performance-Associated Single Nucleotide Polymorphisms in Pigeons. 2021 Sep 3;12(9):1383	Genes	Genetics & Heredity	66/176	4.096	37.5%
P-2021-42-田祐霖	42	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, You-Lin Tain. The First Thousand Days: Kidney Health and Beyond. <i>Healthcare</i> 2021, 9(10), 1332.	Healthcare	HEALTH POLICY & SERVICES	40/88	2.645	45.5%

P-2021-43-楊政霖	43	(共同第一) 楊政霖	第一	Huang CY, Yang JL, Chen JJ, Tai SB, Yen YH, Liu PF, Lin MW, Chung CL, Chen CL. Fluoroquinolones Suppress TGF- $\beta$ and PMA-Induced MMP-9 Production in Cancer Cells: Implications in Repurposing Quinolone Antibiotics for Cancer Treatment. <i>International Journal of Molecular Sciences</i> . 2021 Apr 12;17(7):1660-1670. doi: 10.7150/ijbs.56976.	Biochemistry & Molecularbiology	67/295	5.924	22.7%
P-2021-44-陳肇隆	44	(共同作者) 陳肇隆	共同	Nakano T, Chiang KC, Chen CC, Chen PJ, Lai CY, Hsu LW, Ohmori N, Goto T, Chen CL, Goto S. Sunlight Exposure and Phototherapy: Perspectives for Healthy Aging in an Era of COVID-19. <i>Int J Environ Res Public Health</i> . 2021 Oct 18;18(20):10950.	Public, Environmental & Occupational	42/176	3.390	23.9%
P-2021-45-葉漢根	45	(通訊作者) 葉漢根	通訊	Chang CL, Huang CR, Chang SJ, Wu CC, Chen HH, Luo CW, Yip HK. CHD4 as an important mediator in regulating the malignant behaviors of colorectal cancer. <i>Int J Biol Sci</i> . 2021 Apr 12;17(7):1660-1670. doi: 10.7150/ijbs.56976.	Biochemistry and molecular biology	57/197	6.580	28.9%
P-2021-46-葉漢根	46	(通訊作者) 葉漢根	通訊	Li YC, Chen CH, Chang CL, Chiang JY, Chu CH, Chen HH, Yip HK. Melatonin and hyperbaric oxygen therapies suppress colorectal carcinogenesis through pleiotropic effects and multifaceted mechanisms. <i>Int J Biol Sci</i> . 2021 Aug 27;17(14):3728-3744.	BIOCHEMISTRY & MOLECULAR BIOLOGY	57/295	6.582	19.3%
P-2021-47-華瑜	47	(共同作者) 華瑜 (共同作者) 田祐霖	共同	Chang-Ku Tsai*, Hsin-Hsin Cheng*, Te-Yao Hsu, Jiu-Yao Wang, Chih-Hsing Hung, Ching-Chang Tsai, Yun-Ju Lai, Yu-Ju Lin, Hsin-Chun Huang, Julie Y. H. Chan, You-Lin Tain, Chih-Cheng Chen, Ti-An Tsai, Hong-Ren Yu*. Prenatal Exposure to Di-Ethyl Phthalate (DEP) Is Related to Increase Neonatal InFL Levels and the Altering of the Huang CC, Chou CA, Chen WY, Yang JL, Lee WC, Chen JB, Lee CT, Li LC*. Empagliflozin Ameliorates Free Fatty Acid Induced-Lipotoxicity in Renal Proximal Tubular Cells via the PPAR $\gamma$ /CD36 Pathway in Obese Mice. <i>International Journal of Molecular Sciences</i> . 2021 Nov 17; 22(22):12408	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	41/176	3.390	23.3%
P-2021-48-李隆志	48	(通訊作者) 李隆志	通訊	Chien-Ning Hsu, , Chih-Yao Hou, You-Lin Tain*. Preventive Aspects of Early Resveratrol Supplementation in Cardiovascular and Kidney Disease of Developmental Origins. <i>Int J Mol Sci</i> . 2021 Apr 19;22(8):4210.	BIOCHEMISTRY & MOLECULAR BIOLOGY	67/295	5.923	22.7%
P-2021-49-田祐霖	49	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, Julie Y. H. Chan, Kay L. H. Wu, Hong-Ren Yu, Wei-Chia Lee, Chih-Yao Hou, You-Lin Tain*. Altered Gut Microbiota and Its Metabolites in Hypertension of Developmental Origins: Exploring Differences between Fructose and Antibiotics Exposure. <i>Int. J. Mol. Sci.</i> 2021, 22, 2674.	BIOCHEMISTRY & MOLECULAR BIOLOGY	67/295	5.923	22.7%
P-2021-50-田祐霖	50	(通訊作者) 田祐霖 (共同作者) 華瑜 (共同作者) 吳芑歷	通訊	Chien-Ning Hsu, Julie Y. H. Chan, Kay L. H. Wu, Hong-Ren Yu, Wei-Chia Lee, Chih-Yao Hou, You-Lin Tain*. Targeting the Renin-Angiotensin-Aldosterone System to Prevent Hypertension and Kidney Disease of Developmental Origins. <i>Int J Mol Sci</i> . 2021 Feb 25;22(5):2298	BIOCHEMISTRY & MOLECULAR BIOLOGY	67/295	5.923	22.7%
P-2021-51-田祐霖	51	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, You-Lin Tain*. Gasotransmitters for the Therapeutic Prevention of Hypertension and Kidney Disease. <i>Int. J. Mol. Sci.</i> 2021, 22, 7808.	BIOCHEMISTRY & MOLECULAR BIOLOGY	67/295	5.923	22.7%
P-2021-52-田祐霖	52	(通訊作者) 田祐霖	通訊	Jin-Xian Liao, Yu-Wei Chen, Ming-Kuei Shih, You-Lin Tain, Yao-Tsung Yeh, Min-Hsi Chiu, Sam K. C. Chang, Chih-Yao Hou*. Resveratrol Butyrate Esters Inhibit BPA-Induced Liver Damage in Male Offspring Rats by Modulating Antioxidant Capacity and Gut Microbiota. <i>Int J Mol Sci</i> . 2021 May 17;22(10):5273.	BIOCHEMISTRY & MOLECULAR BIOLOGY	67/295	5.923	22.7%
P-2021-53-田祐霖	53	(共同作者) 田祐霖	共同	Kuo CF, Chen WY, Yu HH, Tsai YH, Chang YC, Chang CP, Tsao N. IL-33/ST2 Axis Plays a Protective Effect in Streptococcus pyogenes Infection through Strengthening of the Innate Immunity. <i>Int J Mol Sci</i> . 2021 Sep 29;22(19):10566.	BIOCHEMISTRY & MOLECULAR BIOLOGY	67/295	5.923	22.7%
P-2021-54-陳威宇	54	(共同第一) 陳威宇	第一	Luo HL, Liu HY, Chang YL, Sung MT, Chen PY, Su YL, Huang CC, Peng JM*. Hypomethylated RRBP1 Potentiates Tumor Malignancy and Chemoresistance in Upper Tract Urothelial Carcinoma. 2021, 22: 8761.	BIOCHEMISTRY & MOLECULAR BIOLOGY	67/295	5.923	22.7%
P-2021-55-彭瑞銘	55	(通訊作者) 彭瑞銘	通訊	Lee MS, Yip HK, Yang CC, Chiang JY, Huang TH, Li YC, Chen KH, Sung PH*. Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat. <i>J Cell Mol Med</i> . 2021 Aug;25(16):7675-7689	CELL BIOLOGY	43/96	5.310	44.8%
P-2021-56-宋沛勳	56	(通訊作者) 宋沛勳	通訊	Tzeng HT, Chyuan IT*. Immunometabolism in systemic lupus erythematosus: Relevant pathogenetic mechanisms and potential clinical applications. <i>J Formos Med Assoc</i> . 2021. S0929-6646(21)00124-8.	MEDICINE, GENERAL & INTERNAL	53/169	3.282	31.4%
P-2021-57-曾鴻泰	57	(第一作者) 曾鴻泰	第一	Tseng YJ, Lee CH, Chen WY, Yang JL, Tzeng HT*. Inhibition of PAI-1 Blocks PD-L1 Endocytosis and Improves the Response of Melanoma Cells to Immune Checkpoint Blockade. <i>J Invest Dermatol</i> . 2021 141(11):2690-2698.e6.	Dermatology	4/69	8.551	5.8%
P-2021-58-曾鴻泰	58	(通訊作者) 曾鴻泰	通訊	Hsu CW, Tseng WT, Wang LJ, Yang YH, Kao HY, Lin PY*. Comparative effectiveness of antidepressants on geriatric depression: Real-world evidence from a population-based study. 2022. 296:609-615.	Psychiatry (SCI)	41/156	4.839	26.3%
P-2021-59-林博彥	59	(通訊作者) 林博彥	通訊	Yip HK, Lin KC, Sung PH, Chiang JY, Yin TC, Wu RW, Chen KH. Umbilical cord-derived MSC and hyperbaric oxygen therapy effectively protected the brain in rat after acute intracerebral haemorrhage. <i>J Cell Mol Med</i> . 2021 Jun;25(12):5640-5654.	Medicine, research amd experimental	44/140	5.310	31.4%
P-2021-60-葉漢根	60	(第一作者) 葉漢根	第一	Peng JM, Lin SH, Yu MC, Hsieh SY*. CLIC1 recruits PIP5K1A/C to induce cell-matrix adhesions for tumor metastasis. 2021, 131: e133525	Medicine, research & experimental	3/140	14.808	2.1%
P-2021-61-彭瑞銘	61	(第一作者) 彭瑞銘	第一	Chang LS, Yu HR, Chu CL, Chen KD, Huang YH, Guo MM, Weng KP, Kuo HC. Long-Term Hypermethylation of Fcy R2B in Leukocytes of Patients with Kawasaki Disease. <i>J Clin Med</i> . 2021 May 27;10(11):2347.	Medicine, General & Internal	39/167	4.242	23.4%
P-2021-62-陳定濰	62	(共同作者) 陳定濰	共同	Huang CR, Chuang HY, Chen NC, Chen SF, Hsu CY, Chuang YC*. Zonisamide Therapy Reduces Metabolic Consequences and Diminishes Nonalcoholic Fatty Liver Disease in Patients with Epilepsy. 2021, 10(15):3380	MEDICINE, GENERAL & INTERNAL	39/167	4.242	23.4%
P-2021-63-莊曜聰	63	(通訊作者) 莊曜聰	通訊	Tsai CY*, Fang C, Wu JCC, Wu CJ, Dai KY, Chen SM. Neuroinflammation and microglial activation at rostral ventrolateral medulla underpin cadmium-induced cardiovascular dysregulation in rats. <i>Journal of Inflammation Research</i> 2021;14:3863-3877.	Immunology	35/162	6.922	21.6%
P-2021-64-蔡靜宜	64	(第一作者) 蔡靜宜	第一					

P-2021-65-陳定澐	65	(共同作者) 陳定澐	共同	Lin SH, Wu KT, Wang CC, Huang KT, Chen KD, Lin CC, Hsu LW, Chiu KW*. HCV RNA in serum and liver samples of patients undergoing living donor liver transplantation. 2021. 49(8): 3000605211034945.	Journal of International Medical Research	Medicine, Research & Experimental	121/140	1.671	86.4%
P-2021-66-陳定澐	66	(第一作者) 陳定澐	第一	Chen KD, Huang YH, Guo MM, Chang LS, Chu CH, Bu LF, Chu CL, Lee CH, Liu SF, Kuo HC*. DNA Methylation Array Identifies GollI-MBP as a Biomarker for Disease Severity in Childhood Atopic Dermatitis. J Invest Dermatol. 2022 Jan;142(1):104-113.	J Invest Dermatol.	Dermatology	4/69	8.551	5.8%
P-2021-67-田祐霖	67	(通訊作者) 田祐霖 (共同作者) 華瑜	通訊	Chien-Ning Hsu, Chih-Yao Hou, Guo-Ping Chang-Chien, Sufan Lin, Julie Y.H. Chan, Chien-Te Lee, You-Lin Tain*. Maternal resveratrol therapy protected adult rat offspring against hypertension programmed by combined exposures to asymmetric dimethylarginine and trimethylamine N-oxide. J Nutr Biochem. 2022 Feb;103:100-107.	JOURNAL OF NUTRITIONAL BIOCHEMISTRY	NUTRITION & DIETETICS	16/88	6.048	18.2%
P-2021-68-田祐霖	68	(共同作者) 田祐霖	共同	F-Chun Lin, Te-Yao Hsu, You-Lin Tain, Ching-Chang Tsai, Hsin-Chun Huang, Yun-Ju Lai, Ming-Huei Chou, Chien-Fu Huang, Hong-Ren Yu, and Li-Tung Huang. Coronary Dilatation and Endothelial Inflammation in Neonates Born to Mothers with Preeclampsia. J Pediatr. 2021 Jan;228:58-65.e3.	JOURNAL OF PEDIATRICS	PEDIATRICS	4/86	4.122	4.7%
P-2021-69-莊耀聰	69	(通訊作者) 莊耀聰	通訊	Chen SF, Pan HY, Huang CR, Huang JB, Tan TY, Chen NC, Hsu CY, Chuang YC*. Autonomic Dysfunction Contributes to Impairment of Cerebral Autoregulation in Patients with Epilepsy. 2021. 11(4):313	Journal of Personalized Medicine	HEALTH CARE SCIENCES & SERVICES	15/107	4.945	14.0%
P-2021-70-華瑜	70	(共同第一) 蔡靜宜 (通訊作者) 華瑜 (共同通訊) 陳慶鏗	第一	Poon YY, Tsai CY, Huang YH, Wu JCC, Chan SHH, Chan JYH*. Disproportional cardiovascular depressive effects of isoflurane: Serendipitous findings from a comprehensive re-visit in mice. Lab Anim (NY). 2021 Jan;50(1):26-31.	Lab Animal (NY)	VETERINARY SCIENCES	2/167	12.625	1.2%
P-2021-71-楊政霖	71	(共同第一) 楊政霖	第一	Veschsanit N, Yang JL, Ngampramuan S, Viwatpinyo K, Pinyomahakul J, Lwin T, Chanchaeroen P, Rungruang S, Govitrapong P, Mukda S. Melatonin reverts methamphetamine-induced learning and memory impairments and hippocampal alterations in mice. Life Science. 2021. 265:118844.	Life Sciences	Pharmacology & Pharmacy	66/276	5.037	23.9%
P-2021-72-田祐霖	72	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, Chih-Yao Hou, Guo-Ping Chang-Chien, Sufan Lin, You-Lin Tain*. Maternal Garlic Oil Supplementation Prevents High-Fat Diet-Induced Hypertension in Adult Rat Offspring: Implications of H2S-Generating Pathway in the Gut and Kidneys. Mol. Nutr. Food Res. 2021. 65. 2001116.	Molecular Nutrition & Food Research	FOOD SCIENCE & TECHNOLOGY	16/144	5.914	11.1%
P-2021-73-田祐霖	73	(共同作者) 田祐霖	共同	Ming-Kuei Shih, You-Lin Tain, Yu-Wei Chen, Wei-Hsuan Hsu, Yao-Tsung Yeh, Sam K. C. Chang, Jin-Xian Liao, Chih-Yao Hou*. Resveratrol Butyrate Esters Inhibit Obesity Caused by Perinatal Exposure to Bisphenol A in Female Offspring Rats. Molecules 2021, 26, 4010.	Molecules	CHEMISTRY, MULTIDISCIPLINARY	63/178	4.411	35.4%
P-2021-74-蘇家豪	74	(通訊作者) 蘇家豪	通訊	Thangudu S, Su CH.* Progress and perspectives of peroxidase mimetic nanozymes in oxygen dependent cancer photo therapy	Molecules	CHEMISTRY, MULTIDISCIPLINARY	63/178	4.411	35.4%
P-2021-75-陳肇隆	75	(共同作者) 陳肇隆	共同	Chen PJ, Nakano T, Lai CY, Chang KC, Chen CL, Goto S. Daily full spectrum light exposure prevents food allergy-like allergic diarrhea by modulating vitamin D3 and microbiota composition. NPJ Biofilms Microbiomes. 2021 May 6;7(1):41.	NPJ Biofilms and Microbiomes	Microbiology	17/136	7.290	12.5%
P-2021-76-田祐霖	76	(通訊作者) 田祐霖	通訊	Chien-Ning Hsu, Chih-Yao Hou, Wei-Hsuan Hsu, You-Lin Tain*. Cardiovascular Diseases of Developmental Origins: Preventive Aspects of Gut Microbiota-Targeted Therapy. Nutrients 2021, 13, 2290.	Nutrients	NUTRITION & DIETETICS	17/88	5.717	19.3%
P-2021-77-呂史提	77	(第一作者) 呂史提 (通訊作者) 華瑜 (共同作者) 田祐霖	第一	Leu S, Wu KLH, Lee WC, Tain YL, Chan JYH*. Maternal Fructose Intake Exacerbates Cardiac Remodeling in Offspring with Ventricular Pressure Overload. Nutrients. 2021 Sep 18;13(9):3267.	Nutrients	Nutrition & Dietetics	17/88	5.717	19.3%
P-2021-78-陳定澐	78	(共同作者) 陳定澐	共同	Cho WR, Wang CC, Tsai MY, Chou CK, Liu YW, Wu YJ, Lin MT, Chen KD, Chuang CH, Huang PY, Hu TH, Tsai MC*. Impact of metformin use on the recurrence of hepatocellular carcinoma after initial liver resection in diabetic patients. PLoS One. 2021 Mar 4;16(3):e0247231.	PLoS One	Multidisciplinary Sciences	26/73	3.240	35.6%
P-2021-79-蘇家豪	79	(通訊作者) 蘇家豪	通訊	Thangudu S, Cheng FY, Su CH*. Advancements in the blood-brain barrier penetrating nanoplatforms for brain related disease diagnostics and therapeutic applications	Polymers	POLYMER SCIENCE	18/88	4.329	20.5%
P-2021-80-楊政霖	80	(共同作者) 楊政霖	共同	Lwin T, Yang JL, Ngampramuan S, Viwatpinyo K, Chanchaeroen P, Veschsanit N, Pinyomahakul J, Govitrapong P, Mukda S. Melatonin ameliorates methamphetamine-induced cognitive impairments by inhibiting neuroinflammation via suppression of the TR4/MuDR/MEvR signaling pathway in the mouse.	Progress in Neuro-Psychopharmacology and Biological Psychiatry	Psychiatry	48/208	5.067	23.1%
P-2021-81-林博彥	81	(通訊作者) 林博彥	通訊	Huang KY, Tseng PT, Wu YC, Tu YK, Stubbs B, Su KP, Matsuoka YJ, Hsu CW, Lin CH, Chen YW, Lin PY*. Do beta-adrenergic blocking agents increase asthma exacerbation? A network meta-analysis of randomized controlled trials. 2021. 11: 452.	Scientific Reports	Multidisciplinary sciences	17/73	4.379	23.3%
P-2021-82-蘇家豪	82	(第一作者) 蘇家豪	第一	Su CH, Chen HL, Ju SP, You TD, Lin YS, Tseng TF. Exploring the most stable aptamer/target molecule complex by the stochastic tunnelling-basin hopping-discrete molecular dynamics method	Scientific Reports	MULTIDISCIPLINARY SCIENCES	17/73	4.379	23.3%
P-2021-83-蘇家豪	83	(第一作者) 蘇家豪	第一	Su CH, Hsu YC, Thangudu S, Chen WY, Huang YT, Yu CC, Shih YH, Wang CJ, Lin CL. Application of multiparametric MR imaging to predict the diversification of renal Function in miR29a-mediated diabetic nephropathy	Scientific Reports	MULTIDISCIPLINARY SCIENCES	17/73	4.379	23.3%
P-2021-84-華瑜	84	(通訊作者) 華瑜 (共同作者) 田祐霖	通訊	Wei-Chia Lee, Steve Leu, Kay L.H. Wu, You-Lin Tain, Yao-Chi Chuang, Julie Y. H. Chan. Tadalafil ameliorates bladder overactivity by restoring insulin-activated detrusor relaxation via the bladder mucosal IRS/PI3K/AKT/eNOS pathway in fructose-fed rats. Sci Rep. 2021. 11: 8202.	Scientific Reports	MULTIDISCIPLINARY SCIENCES	17/73	4.379	23.3%
P-2021-85-葉漢根	85	(通訊作者) 葉漢根	通訊	Huang TH, Lee MS, Sung PH, Chen YL, Chiang JY, Yang CC, Sheu JJ, Yip HK. Quality and quantity culture effectively restores functional and proliferative capacities of endothelial progenitor cell in end-stage renal disease patients. Stem Cell Res. 2021 May;53:102264.	Stem cell research	Cell and tissue engineering	27/29	2.020	93.1%
P-2021-86-葉漢根	86	(通訊作者) 葉漢根	通訊	Chen YJ, Chuang FC, Yang CC, Chiang JY, Sung PH, Chu YC, Huang CR, Huang KH, Yip HK. Combined melatonin-adipose derived mesenchymal stem cells therapy effectively protected the testis from testicular torsion-induced ischemia-reperfusion injury. Stem Cell Res Ther. 2021 Jun 29;12(1):370.	Stem cell research & therapy	Medicine, research amd experimental	24/140	6.682	17.1%

P-2021-87-葉漢根	87	(通訊作者) 葉漢根	通訊	Sheu JJ, Chai HT, Sung PH, Chiang JY, Huang TH, Shao PL, Wu SC, Yip HK. Double overexpression of miR-19a and miR-20a in induced pluripotent stem cell-derived mesenchymal stem cells effectively preserves the left ventricular function in dilated cardiomyopathic rat. <i>Stem Cell Res Ther</i> . 2021 Jun 29;12(1):271. doi:10.1186/s13287-021-02102-7	Stem cell research & therapy	Medicine, research and experimental	24/140	6.682	17.1%
P-2021-88-葉漢根	88	(通訊作者) 葉漢根	通訊	Yang CC, Sung PH, Chen CH, Chiang JY, Shao PL, Wu SC, Yip HK. Additional benefit of induced pluripotent stem cell-derived mesenchymal stem cell therapy on sepsis syndrome-associated acute kidney injury in rat treated with antibiotic. <i>Stem Cell Res Ther</i> . 2021 Oct 7;12(1):526.	Stem cell research & therapy	Medicine, research and experimental	24/140	6.682	17.1%
P-2021-89-陳威宇	89	(第一作者) 陳威宇 (共同作者) 楊政霖 (共同作者) 李隆志	第一	Chen WY*, Wu YH, Tsai TH, Li RF, Lai AC, Li LC, Yang JL, Chang YJ*. Group 2 innate lymphoid cells contribute to IL-33-mediated alleviation of cardiac fibrosis. <i>Theranostics</i> . 2021 Jan 1;11(6):2594-2611.	Theranostics	Medicine, Research & Experimental	9/140	11.556	6.4%
P-2021-90-林博彥	90	(通訊作者) 林博彥	通訊	Lin PY, Li LC, Wang LJ, Yang YH, Hsu CW*. Lack of association between erythropoietin treatment and risk of depression in patients with end-stage kidney disease on maintenance dialysis: a nationwide database study in Taiwan. 2021, 12:2040622321995690.	Therapeutic Advances in Chronic Disease	Pharmacology & Pharmacy	61/275	5.091	22.2%
P-2021-91-莊耀聰	91	(共同作者) 莊耀聰	共同	Hsu CY, Chuang YC, Chang FC, Chuang HY, Chiou TT, Lee CT*. Disrupted Sleep Homeostasis and Altered Expressions of Clock Genes in Rats with Chronic Lead Exposure. 9(9):217	Toxics	ENVIRONMENTAL SCIENCES	93/274	4.146	33.9%