

發表年份	發表月份	論文題目	儀器	儀器管理
2023	9	Jith-Shyan Chen, Sheng-Chun Chiu, Sung-Ying Huang, Shu-Fang Chang, Kuan-Fu Liao: Isolinderalactone Induces Apoptosis, Autophagy, Cell Cycle Arrest and MAPK Activation through ROS-Mediated Signaling in Colorectal Cancer Cell Lines. <i>Int J Mol Sci.</i> 2023 Sep 18;24(18):14246. doi: 10.3390/ijms241814246 .	電子顯微鏡	慈濟大學
2023	8	Hemalatha Mani, Chun-Chun Chang, Hao-Jen Hsu, Chin-Hao Yang, Jui-Hung Yen and Je-Wen Liou*: Comparison, Analysis, and Molecular Dynamics Simulations of Structures of a Viral Protein Modeled Using Various Computational Tools. <i>Bioengineering</i> 2023, 10(9), 1004. https://doi.org/10.3390/bioengineering10091004		慈濟大學
2023	7	Anthony Avellino, Chen-Huan Peng, Ming-Der Lin*: Cell Cycle Regulation by NF-YC in Drosophila Eye Imaginal Disc: Implications for Synchronization in the Non-Proliferative Region. <i>Int J Mol Sci.</i> 2023 Jul 30;24(15):12203. doi: 10.3390/ijms241512203 .		慈濟大學
2023	7	Shu-Fen Chen, Hsin-Lun Hsien, Ting-Fang Wang, Ming-Der Lin*: Drosophila Phosphatase of Regenerating Liver Is Critical for Photoreceptor Cell Polarity and Survival during Retinal Development. <i>Int J Mol Sci.</i> 2023 Jul 15;24(14):11501. doi: 10.3390/ijms241411501 .		慈濟大學
2023	3	Tsung-Ying Yang, Sung-Pin Tseng, Han-Chen Ho, Li-Hsuan Chen, Po-Ren Hsueh, Po-Liang Lu, Chia-Hsuan Lin, Liang-Chun Wang: In Vitro Evaluation of Tellurium-Based AS101 Compound against Neisseria gonorrhoeae Infectivity. <i>Microbiol Spectr.</i> 2023 Mar 6;11(2):e0149622. doi: 10.1128/spectrum.01496-22 .	電子顯微鏡	慈濟大學
2023	2	Kuan-Yin Tseng, Vassilis Stratoulis, Wei-Fen Hu, Jui-Sheng Wu, Vicki Wang, Yuan-Hao Chen, Anna Seelbach, Henri J Huttunen, Natalia Kuleskaya, Cheng-Yoong Pang, Jian-Liang Chou, Maria Lindahl, Mart Saarma, Li-Chuan Huang, Mikko Airavaara#, Hock-Kean Liew#: Augmenting hematoma-scavenging capacity of innate immune cells by CDNF reduces brain injury and promotes functional recovery after intracerebral hemorrhage. <i>Cell Death Dis.</i> 2023 Feb 15;14(2):128. doi: 10.1038/s41419-022-05520-2 .	倒立式螢光顯微鏡	花蓮慈院
2022	12	Yu-Hsun Chang#, Yu-Jung Lin#, Chih-Yang Huang, Tomor Harnod, Dah-Ching Ding*: Shikonin impedes type 2 ovarian cancer progression via FasL/caspase-8 and mir-874-3p/XIAP axis and prohibits the properties of stemness. <i>Am J Cancer Res.</i> 2022 Oct 15;12(10):4584-4601. PMC9641410	倒立式螢光顯微鏡	花蓮慈院

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2022	11	Yu-Hsun Chang, Kun-Chi Wu, Dah-Ching Ding*: Chondrogenic Potential of Human Umbilical Cord Mesenchymal Stem Cells Cultured with Exosome-Depleted Fetal Bovine Serum in an Osteoarthritis Mouse Model. <i>Biomedicines</i> . 2022 Nov 1;10(11):2773. doi: 10.3390/biomedicines10112773. doi: 10.3390/biomedicines10112773 .	流式細胞儀	花蓮慈院
2022	10	Yu-Hsun Chang, Yu-Jung Lin, Chih-Yang Huang, Tomor Harnod, Dah-Ching Ding: Shikonin impedes type 2 ovarian cancer progression via FasL/caspase-8 and mir-874-3p/XIAP axis and prohibits the properties of stemness. <i>Am J Cancer Res</i> . 2022 Oct 15;12(10):4584-4601. PMC9641410	流式細胞儀	花蓮慈院
2022	10	Tang-Yuan Chu, Sung-Chao Chu, Aye Aye Khine, Pao-Chu Chen, Ming-Hsun Lee, Hsuan-Shun Huang: Effect of ovulation IGF and HGF signaling on the oncogenesis of murine epithelial ovarian cancer cell ID8. <i>Exp Cell Res</i> . 2022 Oct 15;419(2):113323. doi: 10.1016/j.yexcr.2022.113323 .	流式細胞儀	花蓮慈院
2022	8	Shao-Yu Liang, Shih-Chih Wan, Yen-Peng Ho, Yu-Tze Horng, Po-Chi Soo, and Wen-Ping Peng: Rapid Quantification of Polyhydroxybutyrate Polymer from Single Bacterial Cells with Mass Spectrometry. <i>Anal. Chem</i> . 2022, 94, 11734–11738. doi: 10.1021/acs.analchem.2c02807 .	電子顯微鏡	慈濟大學
2022	8	Kavya Moorthy, Kai-Chih Chang, Po-Jen Yu, Wen-Jui Wu, Mei-Yi Liao, Hsiao-Chi Huang, Hsiang-Chi Chiend and Cheng-Kang Chiang: Synergistic actions of phytonutrient capped nanosilver as a novel broad-spectrum antimicrobial agent: unveiling the antibacterial effectiveness and bactericidal mechanism. <i>New J. Chem.</i> , 2022,46, 15301. ajcr0143770	電子顯微鏡	慈濟大學
2022	8	Cheng-Chan Yang, Jia-Ying Chien, Yu-Yau Chou, Jih-Wei Ciou and Shun-Ping Huang: The Effects of Lycium chinense, Cuscuta chinensis, Senna tora, Ophiopogon japonicus, and Dendrobium nobile Decoction on a Dry Eye Mouse Model. <i>Medicina</i> 2022, 58(8), 1134. https://doi.org/10.3390/medicina58081134		慈濟大學
2022	7	Pavithra Suresh, Sureka Jasmin, Yun Yen, Hao-Jen Hsu, Peeraporn Varinthra, Tanita Pairojana, Chien-Chang Chen and Ingrid Y. Liu: Attenuation of HECT-E3 ligase expression rescued memory deficits in 3xTg-AD mice. <i>Front. Aging Neurosci.</i> , 29 July 2022 Volume 14 - 2022; https://doi.org/10.3389/fnagi.2022.916904		慈濟大學

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2022	7	Pei-Yi Chen, Chih-Yang Wang, En-Ci Tsao, Yu-Ting Chen, Ming-Jiuan Wu, Chi-Tang Ho, Jui-Hung Yen: 5-Demethylnobiletin Inhibits Cell Proliferation, Downregulates ID1 Expression, Modulates the NF- κ B/TNF- α Pathway and Exerts Antileukemic Effects in AML Cells. Int J Mol Sci. 2022 Jul 2;23(13):7392. doi: 10.3390/ijms23137392 .		慈濟大學
2022	6	Tanita Pairojana, Sarayut Phasuk, Pavithra Suresh, Ingrid Y Liu: Behavioral and Synaptic Phenotypes of Female Prdx6-/- Micel. Antioxidants (Basel). 2022 Jun 19;11(6):1201. doi: 10.3390/antiox11061201 .		慈濟大學
2022	5	Yu-Hsuan Wen, Hui-Yi Lin, Jia-Ni Lin, Guo-Fang Tseng, Chung-Feng Hwang, Chung-Ching Lin, Chuan-Jen Hsu, and Hung-Pin Wu: 2,3,4',5-Tetrahydroxystilbene-2-O- β -D-glucoside ameliorates gentamicin-induced ototoxicity by modulating autophagy via Sesn2/AMPK/mTOR signaling. Int J Mol Med. 2022 May;49(5):71. doi: 10.3892/ijmm.2022.5127 .	電子顯微鏡	慈濟大學
2022	4	Shih-Che Hung, Lu-Chu Ke, Te-Sheng Lien, Hsuan-Shun Huang, Der-Shan Sun Chia-Liang Cheng and Hsin-Hou Chang: Nanodiamond-induced thrombocytopenia in mice involves P-selectin-dependent Nlrp3 inflammasome-mediated platelet aggregation and pyroptosis. Front. Immunol., 04 April 2022. doi:org/10.3389/fimmu.2022.806686		慈濟大學
2022	2	Yu-Yau Chou ,Jia-Ying Chien ,Jih-Wei Ciou and Shun-Ping Huang: The Protective Effects of n-Butylidenephthalide on Retinal Ganglion Cells during Ischemic Injury. Int J Mol Sci. 2022 Feb 14;23(4):2095. doi: 10.3390/ijms23042095 .		慈濟大學
2022	1	Yu-Hsun Chang, V Bharath Kumar, Yao-Tseng Wen, Chih-Yang Huang, Rong-Kung Tsai, Dah-Ching Ding*: Induction of Human Umbilical Mesenchymal Stem Cell Differentiation Into Retinal Pigment Epithelial Cells Using a Transwell-Based Co-culture System. Cell Transplant. 2022 Jan-Dec;31:9636897221085901. doi: 10.1177/09636897221085901 .	流式細胞儀	花蓮慈院
2021	12	Dun-Jie Chuang, Subhashree Pethaperumal, Bijaya Siwakoti, Hung-Jen Chien, Ching-Feng Cheng, Shih-Che Hung, Te-Sheng Lien, Der-Shan Sun and Hsin-Hou Chang: Activating Transcription Factor 3 Protects against Restraint Stress-Induced Gastrointestinal Injury in Mice. Cells. 2021 Dec 14;10(12):3530. doi:10.3390/cells10123530 .		慈濟大學

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2021	10	Chia-Ling Wu, Lee-Fong Lin, Hsiao-Chun Hsu, Li-Fen Huang, Chung-Der Hsiao and Ming-Lun Chou: Saussurea involucrata (Snow Lotus) ICE1 and ICE2 Orthologues Involved in Regulating Cold Stress Tolerance in Transgenic Arabidopsis. Int J Mol Sci. 2021 Oct 7;22(19):10850. doi: 10.3390/ijms221910850 .		慈濟大學
2021	9	Sarayut Phasuk, Peeraporn Varinthra, Andaman Nitjapol, Korakod Bandasak and Ingrid Y Liu: Peroxiredoxin 6 Knockout Mice Demonstrate Anxiety Behavior and Attenuated Contextual Fear Memory after Receiving Acute Immobilization Stress. Antioxidants (Basel). 2021 Sep 4;10(9):1416. doi: 10.3390/antiox10091416 .		慈濟大學
2021	9	Jia-Ying Chien, Yu-Yau Chou, Jih-Wei Ciou, Fang-Yun Liu, Shun-Ping Huang: The Effects of Two Nrf2 Activators, Bardoxolone Methyl and Omaveloxolone, on Retinal Ganglion Cell Survival during Ischemic Optic Neuropathy. Antioxidants (Basel). 2021 Sep 15;10(9):1466. doi: 10.3390/antiox10091466 .		慈濟大學
2021	6	Jia-Ying Chien, Shu-Fang Lin, Yu-Yau Chou, Chi-Ying F Huang, Shun-Ping Huang: Protective Effects of Oroxylin A on Retinal Ganglion Cells in Experimental Model of Anterior Ischemic Optic Neuropathy. Antioxidants (Basel). 2021 Jun 3;10(6):902. doi: 10.3390/antiox10060902 .		慈濟大學
2021	5	Tso-Fu Wang, Guan-Ling Lin, Sung-Chao Chu, Chang-Chin Chen, Yu-Shan Liou, Hsin-Hou Chang, Der-Shan Sun: AQP0 is a novel surface marker for deciphering abnormal erythropoiesis. Stem Cell Res Ther. 2021 May 6;12(1):274. doi: 10.1186/s13287-021-02343-4 .		慈濟大學
2021	4	Sarayut Phasuk 1 2, Sureka Jasmin 3, Tanita Pairojana 1, Hsueh-Kai Chang 4, Kai-Chi Liang 1, Ingrid Y Liu: Lack of the peroxiredoxin 6 gene causes impaired spatial memory and abnormal synaptic plasticity. Mol Brain. 2021 Apr 19;14(1):72. doi: 10.1186/s13041-021-00779-6 .		慈濟大學
2021	3	Wan-Yun Gao, Pei-Yi Chen, Hao-Jen Hsu, Ching-Yen Lin, Ming-Jiuan Wu, Jui-Hung Yen: Tanshinone IIA Downregulates Lipogenic Gene Expression and Attenuates Lipid Accumulation through the Modulation of LXR α /SREBP1 Pathway in HepG2 Cells. Biomedicines. 2021 Mar 23;9(3):326. doi: 10.3390/biomedicines9030326 .		慈濟大學
2021	3	Te-Sheng Lien, Der-Shan Sun, Shih-Che Hung, Wen-Sheng Wu, Hsin-Hou Chang: Dengue Virus Envelope Protein Domain III Induces Nlrp3 Inflammasome-Dependent NETosis-Mediated Inflammation in Mice. Front Immunol. 2021 Mar 17;12:618577. doi: 10.3389/fimmu.2021.618577 .		慈濟大學

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2021	3	Hemalatha Mani, Yi-Cheng Chen, Yen-Kai Chen, Wei-Lin Liu, Shih-Yen Lo, Shu-Hsuan Lin and Je-Wen Liou: Nanosized Particles Assembled by a Recombinant Virus Protein Are Able to Encapsulate Negatively Charged Molecules and Structured RNA. <i>Polymers (Basel)</i> . 2021 Mar 11;13(6):858. doi: 10.3390/polym13060858 .		慈濟大學
2021	3	Ming-Chun Chen, Yu-Chao Hsiao, Chun-Chun Chang, Sheng-Feng Pan, Chih-Wen Peng, Ya-Tzu Li, Cheng-Der Liu, Je-Wen Liou and Hao-Jen Hsu: Valine-279 Deletion-Mutation on Arginine Vasopressin Receptor 2 Causes Obstruction in G-Protein Binding Site: A Clinical Nephrogenic Diabetes Insipidus Case and Its Sub-Molecular Pathogenic Analysis. <i>Biomedicines</i> . 2021 Mar 15;9(3):301. doi: 10.3390/biomedicines9030301 .		慈濟大學
2021	2	Sarayut Phasuk, Tanita Pairojana, Pavithra Suresh, Chee-Hing Yang, Sittiruk Roytrakul, Shun-Ping Huang, Chien-Chang Chen, Narawut Pakaprot, Supin Chompoonong, Sutisa Nudmamud-Thanoi, Ingrid Y Liu: Enhanced contextual fear memory in peroxiredoxin 6 knockout mice is associated with hyperactivation of MAPK signaling pathway. <i>Mol Brain</i> . 2021 Feb 25;14(1):42. doi: 10.1186/s13041-021-00754-1 .		慈濟大學
2021	2	Peeraporn Varinthra, Kiruthika Ganesan, Shun-Ping Huang, Supin Chompoonong, Chatchakorn Eurtivong, Pavithra Suresh, Zhi-Hong Wen, Ingrid Y Liu: The 4-(Phenylsulfanyl) butan-2-one Improves Impaired Fear Memory Retrieval and Reduces Excessive Inflammatory Response in Triple Transgenic Alzheimer's Disease Mice. <i>Front Aging Neurosci</i> . 2021 Feb 3;13:615079. doi: 10.3389/fnagi.2021.615079 .		慈濟大學
2021	2	Te-Sheng Lien, Der-Shan Sun, Cheng-Yeu Wu, Hsin-Hou Chang: Exposure to Dengue Envelope Protein Domain III Induces Nlrp3 Inflammasome-Dependent Endothelial Dysfunction and Hemorrhage in Mice. <i>Front Immunol</i> . 2021 Feb 25;12:617251. doi: 10.3389/fimmu.2021.617251 .		慈濟大學
2021	2	Jaya Prakash Mandal, Chiou-Nan Shiue, Yen-Cheng Chen, Ming-Che Lee, Hsueh-Hui Yang, Hsin-Hou Chang, Chi-Tan Hu, Pei-Chen Liao, Lin-Ching Hui, Ren-In You, Wen-Sheng Wu: PKC δ mediates mitochondrial ROS generation and oxidation of HSP60 to relieve RKIP inhibition on MAPK pathway for HCC progression. <i>Free Radic Biol Med</i> . 2021 Feb 1;163:69-87. doi: 10.1016/j.freeradbiomed.2020.12.003 .		慈濟大學
2020	12	Ying-Ping Huang, Pei-Yu Hou, I-Hsuan Chen, Yau-Huei Hsu, Ching-Hsiu Tsai, Chi-Ping Cheng: Dissecting the role of a plant-specific Rab5 small GTPase NbRabF1 in Bamboo mosaic virus infection. <i>J Exp Bot</i> . 2020 Dec 31;71(22):6932-6944. doi: 10.1093/jxb/eraa422 .		慈濟大學

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2020	12	Peeraporn Varinthra, Shun-Ping Huang, Supin Chompoonpong, Zhi-Hong Wen, Ingrid Y Liu: 4-(Phenylsulfanyl) Butan-2-One Attenuates the Inflammatory Response Induced by Amyloid- β Oligomers in Retinal Pigment Epithelium Cells. Mar Drugs. 2020 Dec 23;19(1):1. doi: 10.3390/md19010001 .		慈濟大學
2020	11	Ming-Show Wong, Man-Ting Sun, Der-Shan Sun and Hsin-Hou Chang: Visible-Light-Responsive Antibacterial Property of Boron-Doped Titania Films. Catalysts 2020, 10(11), 1349; https://doi.org/10.3390/catal10111349 .		慈濟大學
2020	9	Yu-Yi Ho, Der-Shan Sun, Hsin-Hou Chang: Silver Nanoparticles Protect Skin from Ultraviolet B-Induced Damage in Mice. Int J Mol Sci. 2020 Sep 25;21(19):7082. doi: 10.3390/ijms21197082 .		慈濟大學
2020	5	Yi-Mei Lee, Po-Hsun Chiang, Jen-Ho Cheng, Wei-Hong Shen, Chao-Han Chen, Mei-Ling Wu, Yi-Lu Tian, Chao-Heng Ni, Ting-Fang Wang, Ming-Der Lin, Tze-Bin Chou: Drosophila decapping protein 2 modulates the formation of cortical F-actin for germ plasm assembly. Dev Biol. 2020 May 1;461(1):96-106. doi: 10.1016/j.ydbio.2020.01.013 .		慈濟大學
2020	4	Chung-Lin Tsai, Der-Shan Sun, Mei-Tzu Su, Te-Sheng Lien, Yen-Hsu Chen, Chun-Yu Lin, Chung-Hao Huang, Chwan-Chuen King, Chen-Ru Li, Tai-Hung Chen, Yu-Hsiang Chiu, Chun-Chi Lu, Hsin-Hou Chang: Suppressed humoral immunity is associated with dengue nonstructural protein NS1-elicited anti-death receptor antibody fractions in mice. Sci Rep. 2020 Apr 14;10(1):6294. doi: 10.1038/s41598-020-62958-0 .		慈濟大學
2020	3	Ching-Liang Chu, Yi-Pang Lee, Cheng-Yoong Pang, Huei-Ru Lin, Chang-Shan Chen, Ren-In You: Tyrosine kinase inhibitors modulate dendritic cell activity via confining c-Kit signaling and tryptophan metabolism. Int Immunopharmacol. 2020 Mar 6;82:106357. doi: 10.1016/j.intimp.2020.106357 .		慈濟大學
2020	2	Szu-Chieh Wang, Yung-Hao Ching, Preethi Krishnaraj, Guan-Yu Chen, Anna Shiny Radhakrishnan, Hsien-Min Lee, Wu-Chun Tu, Ming-Der Lin: Oogenesis of Hematophagous Midge Forcipomyia taiwana (Diptera: Ceratopogonidae) and Nuage Localization of Vasa in Germline Cells. Insects. 2020 Feb 5;11(2):106. doi: 10.3390/insects11020106 .		慈濟大學
2019	12	Jian-Hong Lin, Pei-Ching Ting, Wen-Sen Lee, Hung-Wen Chiu, Chun-An Chien, Chin-Hung Liu, Li-Yi Sun, Kun-Ta Yang: Palmitic Acid Methyl Ester Induces G2/M Arrest in Human Bone Marrow-Derived Mesenchymal Stem Cells via the p53/p21 Pathway. Stem Cells Int. 2019 Dec 1;2019:7606238. doi: 10.1155/2019/7606238 .		慈濟大學

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2019	11	You-Yen Lin, Chi-Tan Hu, Der-Shan Sun, Te-Sheng Lien, Hsin-Hou Chang: Thioacetamide-induced liver damage and thrombocytopenia is associated with induction of antiplatelet autoantibody in mice. Sci Rep. 2019 Nov 25;9(1):17497. doi: 10.1038/s41598-019-53977-7 .		慈濟大學
2019	8	Jui-Chih Chang, Wei-Fen Hu, Wen-Sen Lee, Jian-Hong Lin, Pei-Ching Ting, Huai-Ren Chang, Kun-Ruey Shieh, Tsung-I Chen, Kun-Ta Yang: Intermittent Hypoxia Induces Autophagy to Protect Cardiomyocytes From Endoplasmic Reticulum Stress and Apoptosis. Front Physiol. 2019 Aug 7;10:995. doi: 10.3389/fphys.2019.00995 .		慈濟大學
2019	6	Jui-Chih Chang, Chih-Feng Lien, Wen-Sen Lee, Huai-Ren Chang, Yu-Cheng Hsu, Yu-Po Luo, Jing-Ren Jeng, Jen-Che Hsieh, Kun-Ta Yang: Intermittent Hypoxia Prevents Myocardial Mitochondrial Ca ²⁺ Overload and Cell Death during Ischemia/Reperfusion: The Role of Reactive Oxygen Species. Cells. 2019 Jun 9;8(6):564. doi: 10.3390/cells8060564 .		慈濟大學
2019	4	Elena Perevedentseva, Alexander Krivokharchenko, Artashes V Karmenyan, Hsin-Hou Chang, Chia-Liang Cheng: Raman spectroscopy on live mouse early embryo while it continues to develop into blastocyst in vitro. Sci Rep. 2019 Apr 29;9(1):6636. doi: 10.1038/s41598-019-42958-5 .		慈濟大學
2019	1	Preethi Krishnaraj, Yu Chang, Tsung-Jung Ho, Nai-Chen Lu, Ming-Der Lin, Hao-Ping Chen: In vivo pro-angiogenic effects of dracorhodin perchlorate in zebrafish embryos: A novel bioactivity evaluation platform for commercial dragon blood samples. J Food Drug Anal. 2019 Jan;27(1):259-265. doi: 10.1016/j.jfda.2018.08.005 .		慈濟大學
2018	5	Tzu-Lin Chen, Ya-Wen Chiang, Guan-Ling Lin, Hsin-Hou Chang, Te-Sheng Lien, Min-Hua Sheh, Der-Shan Sun: Different effects of granulocyte colony-stimulating factor and erythropoietin on erythropoiesis. Stem Cell Res Ther. 2018 May 2;9(1):119. doi: 10.1186/s13287-018-0877-2 .		慈濟大學