

Publications in Q1 (top 25%) Journal Quartile by CiteScore : A Case Study of National Chung Hsing University

(Time periods of data used : 1 January 2023~19 April 2023)

Data source : SciVal—27 April 2023

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1 、 Agriculture and Life Sciences

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1	Huang, Y.-W. Sun, C.-I. Hu, C.-C. Tsai, C.-H. Meng, M. Lin, N.-S. Dinesh-Kumar, S.P. Hsu, Y.-H.	A viral movement protein co-opts endoplasmic reticulum luminal-binding protein and calreticulin to promote intracellular movement	Plant Physiology	10.1093/plphys/kia c547	
2	Huang, Y.-W. Sun, C.-I. Hu, C.-C. Tsai, C.-H. Meng, M. Lin, N.-S. Dinesh-Kumar, S.P. Hsu, Y.-H.	A viral movement protein co-opts endoplasmic reticulum luminal-binding protein and calreticulin to promote intracellular movement	Plant Physiology	10.1093/plphys/kia c547	
3	Chen, P.-M. Wong, C.-N. Wong, C.-N. Chu, P.-Y.	Actin-like Protein 6A Expression Correlates with Cancer Stem Cell-like Features and Poor Prognosis in Ovarian Cancer	International Journal of Molecular Sciences	10.3390/ijms24032016	Corresponding Author
4	Li, Y.-A. Chen, H.-Y. Hsieh, C.-P. Chen, C.-L. Hung, S.-C. Huang, Y.-F.	Acute generation of reactive oxygen species that induced by doxycycline pretreatment results in rapid cell death in polyphyllin G-treated osteosarcoma cell lines	Environmental Toxicology	10.1002/tox.23757	
5	Yang, D.-F. Huang, W.-C. Wu, C.W. Huang, C.-Y. Yang, Y.-C.S.H. Tung, Y.-T.	Acute sleep deprivation exacerbates systemic inflammation and psychiatry disorders through gut microbiota dysbiosis and disruption of circadian rhythms	Microbiological Research	10.1016/j.micres.2022.127292	
6	Yang, D.-F. Huang, W.-C. Wu, C.W. Huang, C.-Y. Yang, Y.-C.S.H. Tung, Y.-T.	Acute sleep deprivation exacerbates systemic inflammation and psychiatry disorders through gut microbiota dysbiosis and disruption of circadian rhythms	Microbiological Research	10.1016/j.micres.2022.127292	Corresponding Author
7	Cheng, H.-H. Hung-Ke, L. Sheu, M.-L. Lee, C.-Y. Tsai, Y.-C. Lai, D.-W.	AHR/TET2/NT5E axis downregulation is associated with the risk of systemic lupus erythematosus and its progression	Immunology	10.1111/imm.13600	
8	Lin, C.-C. Liu, W.-Y. Peng, Y.-C. Lee, T.-K.	Altruistic production and distribution planning in the multilayer dual-channel supply chain: Using an improved NSGA-II with lion pride algorithm	Computers and Industrial Engineering	10.1016/j.cie.2022.108884	Corresponding Author

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9	Yang, J.-Y. Chen, S.-Y. Wu, Y.-H. Liao, Y.-L. Yen, G.-C.	Ameliorative effect of buckwheat polysaccharides on colitis via regulation of the gut microbiota	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2022.12.155	Corresponding Author
10	Pokharel, B. Sharma, S. Stuienvolt-Allen, J. Wang, S.-Y.S. LaPlante, M. Gillies, R.R. Khanal, S. Wehner, M. Rhoades, A. Hamal, K. Hatchett, B. Liu, W.-Y. Mukherjee, S. Aryal, D.	Amplified drought trends in Nepal increase the potential for Himalayan wildfires	Climatic Change	10.1007/s10584-023-03495-3	
11	Dakpa, G. Senthil Kumar, K.J. Tsao, N.-W. Wang, S.-Y.	Antcin A, a phytosterol regulates SARS-CoV-2 spike protein-mediated metabolic alteration in THP-1 cells explored by the 1H-NMR-based metabolomics approach	Phytotherapy Research	10.1002/ptr.7670	
12	Dakpa, G. Senthil Kumar, K.J. Tsao, N.-W. Wang, S.-Y.	Antcin A, a phytosterol regulates SARS-CoV-2 spike protein-mediated metabolic alteration in THP-1 cells explored by the 1H-NMR-based metabolomics approach	Phytotherapy Research	10.1002/ptr.7670	
13	Dakpa, G. Senthil Kumar, K.J. Tsao, N.-W. Wang, S.-Y.	Antcin A, a phytosterol regulates SARS-CoV-2 spike protein-mediated metabolic alteration in THP-1 cells explored by the 1H-NMR-based metabolomics approach	Phytotherapy Research	10.1002/ptr.7670	Corresponding Author
14	Lin, Y.-H. Lin, C.-H. Lin, M.-C. Hsu, Y.-C. Hsu, C.-T.	Antenatal Corticosteroid Exposure is Associated with Childhood Mental Disorders in Late Preterm and Term Infants	Journal of Pediatrics	10.1016/j.jpeds.2022.09.050	Corresponding Author
15	Lin, K.-H. Lai, Y.-C. Lin, Y.-P. Ho, M.-W. Chen, Y.-C. Chung, W.-H.	Antifungal susceptibility of the clinical and environmental strains of <i>Cryptococcus gattii</i> sensu lato in Taiwan	Mycoses	10.1111/myc.13520	Corresponding Author
16	Wang, P.-G. Li, B.-R. Wang, Y.-L. Wu, C.-C. Chen, J.-C.	Application of aminobenzoic acid electrodeposited screen-printed carbon electrode in the beta-amyloid electrochemical impedance spectroscopy immunoassay	Talanta	10.1016/j.talanta.2022.124154	

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17	Huang, P.-H. Hazeena, S.H. Qiu, Y.-T. Ciou, J.-Y. Hsieh, C.-W. Shih, M.-K. Chen, M.-H. Hou, C.-Y.	Application of egg white hydrolysate (EWH) to improve frothing functionality of pasteurized liquid egg in large quantity production	Heliyon	10.1016/j.heliyon.2022.e12697	
18	Ou, J.-H. Kuo, C.-H. Wu, Y.-F. Lin, G.-C. Lee, M.-H. Chen, R.-K. Chou, H.-P. Wu, H.-Y. Chu, S.-C. Lai, Q.-J. Tsai, Y.-C. Lin, C.-C. Kuo, C.-C. Liao, C.-T. Chen, Y.-N. Chu, Y.-W. Chen, C.-Y.	Application-oriented deep learning model for early warning of rice blast in Taiwan	Ecological Informatics	10.1016/j.ecoinf.2022.101950	
19	Ou, J.-H. Kuo, C.-H. Wu, Y.-F. Lin, G.-C. Lee, M.-H. Chen, R.-K. Chou, H.-P. Wu, H.-Y. Chu, S.-C. Lai, Q.-J. Tsai, Y.-C. Lin, C.-C. Kuo, C.-C. Liao, C.-T. Chen, Y.-N. Chu, Y.-W. Chen, C.-Y.	Application-oriented deep learning model for early warning of rice blast in Taiwan	Ecological Informatics	10.1016/j.ecoinf.2022.101950	Corresponding Author
20	Ou, J.-H. Kuo, C.-H. Wu, Y.-F. Lin, G.-C. Lee, M.-H. Chen, R.-K. Chou, H.-P. Wu, H.-Y. Chu, S.-C. Lai, Q.-J. Tsai, Y.-C. Lin, C.-C. Kuo, C.-C. Liao, C.-T. Chen, Y.-N. Chu, Y.-W. Chen, C.-Y.	Application-oriented deep learning model for early warning of rice blast in Taiwan	Ecological Informatics	10.1016/j.ecoinf.2022.101950	
21	Lu, C.-F. Cheng, C.-Y. Hung, Y.-L.	Assessing consumer perceptions of chemical leasing business models and possibilities for adoption by Taiwanese manufacturers	Sustainable Production and Consumption	10.1016/j.spc.2022.11.010	Corresponding Author
22	Wang, Y.-C. Lu, Y.-H. Chiang, L.-C. Hsu, C.-C.	Assessing Crop Suitability of Rice, Wheat, and Maize on Agricultural Lands in Taiwan	Natural Resources Research	10.1007/s11053-023-10162-y	First Author
23	Hsieh, C.-H. Lin, H.-W. Liu, W.-Y.	Assessing the ecosystem services provided by conventional and organic farmlands: A better outcome for organic farmlands?	Ecosystem Services	10.1016/j.ecoser.2023.101514	Corresponding Author
24	Liu, W.-Y. Chuang, Y.-L.	Assessing the incentives and financial compensation of agroforestry considering the uncertainty of price and yield	Ecological Indicators	10.1016/j.ecolind.2022.109753	First Author, Corresponding Author

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25	Liu, K.-T. Liu, W.-Y.	Assessing the information value of wood products perceived from young consumers	European Journal of Wood and Wood Products	10.1007/s00107-022-01873-9	Corresponding Author
26	Situmorang, R.O.P. Hussain, M. Chang, S.C.	Assessment of environmental orientations of urban Taiwanese and their relation to climate change mitigation behaviour in central Taiwan	Climate Services	10.1016/j.cliser.2023.100366	Corresponding Author
27	Chen, R.-F. Chen, P.-M. Pan, C.-S. Huang, C.-C. Chiang, E.-P.I.	Association of metallothionein 2A rs10636 with low mean corpuscular volume (MCV), low mean corpuscular haemoglobin (MCH) in healthy Taiwanese	Scientific Reports	10.1038/s41598-022-27304-6	Corresponding Author
28	Jhuo, C.-F. Hsieh, S.-K. Chen, W.-Y. Tzen, J.T.C.	Attenuation of Skeletal Muscle Atrophy Induced by Dexamethasone in Rats by Teaghrelin Supplementation	Molecules	10.3390/molecules28020688	Corresponding Author
29	Jhuo, C.-F. Hsieh, S.-K. Chen, W.-Y. Tzen, J.T.C.	Attenuation of Skeletal Muscle Atrophy Induced by Dexamethasone in Rats by Teaghrelin Supplementation	Molecules	10.3390/molecules28020688	Corresponding Author
30	Wang, L.-H. Chan, J.-J. Wang, Y.-H. Fang, Z.-Q. Lee, S. Chu, C.-C.	Bacterial Leaf Blight of Polyscias guilfoylei Caused by a Novel Pathovar of Xanthomonas euvesicatoria	Plant Disease	10.1094/PDIS-03-22-0602-RE	Corresponding Author
31	Chi, C.-S. Tsai, C.-R. Lee, H.-F.	Biallelic SHQ1 variants in early infantile hypotonia and paroxysmal dystonia as the leading manifestation	Human Genetics	10.1007/s00439-023-02533-5	Corresponding Author
32	Jitjumnong, J. Tang, P.-C.	Bone Morphogenetic Protein 15 (BMP-15) Improves In Vitro Mouse Folliculogenesis	Animals	10.3390/ani13060980	Corresponding Author
33	Lu, C.-Y. Chen, K.-M. Kuo, W.-W. Lai, S.-C. Ho, T.-J. Lai, P.-T. Huang, C.-Y. Wang, T.-F.	Calycosin attenuates Angiostrongylus cantonensis-induced parasitic meningitis through modulation of HO-1 and NF-κB activation	Parasitology	10.1017/S0031182022001408	First Author
34	Fang, S.-L. Tu, Y.-K. Kang, L. Chen, H.-W. Chang, T.-J. Yao, M.-H. Kuo, B.-J.	CART model to classify the drought status of diverse tomato genotypes by VPD, air temperature, and leaf-air temperature difference	Scientific Reports	10.1038/s41598-023-27798-8	Corresponding Author
35	Hsieh, M.-C. Hung, K.-C. Xu, J.-W. Wu, Y.-H. Chang, W.-S. Wu, J.-H.	Characterization and Prediction of Mechanical and Chemical Properties of Luan Fir Wood with Vacuum Hydrothermal Treatment	Polymers	10.3390/polym15010147	Corresponding Author
36	Wang, H.-W. Li, H.-H. Wu, S.-C. Tang, C.-K. Yu, H.-Y. Chang, Y.-C.	CLEC5A mediates Zika virus-induced testicular damage	Journal of Biomedical Science	10.1186/s12929-023-00906-6	

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	Sung, P.-S. Liu, W.-L. Su, M.P. Yu, G.-Y. Huang, L.-R. Chen, C.-H. Hsieh, S.-L.				
37	Fang, S.-Y. Chou, Y.-T. Hsu, K.-C. Hsu, S.-L. Yu, K.-W. Tsai, Y.-S. Liao, Y.-C. Tsai, P.-C. Lee, Y.-C.	Clinical and genetic characterization of NIPA1 mutations in a Taiwanese cohort with hereditary spastic paraplegia	Annals of Clinical and Translational Neurology	10.1002/acn3.51724	
38	Yang, K.-Y. Peng, C.-K. Sheu, C.-C. Lin, Y.-C. Chan, M.-C. Wang, S.-H. Chen, C.-M. Chen, C.-Y. Zheng, Z.-R. Feng, J.-Y.	Clinical effectiveness of tigecycline in combination therapy against nosocomial pneumonia caused by CR-GNB in intensive care units: a retrospective multi-centre observational study	Journal of Intensive Care	10.1186/s40560-022-00647-y	
39	Lu, H.-Y. Mao, Y.-C. Liu, P.-Y. Lai, K.-L. Wu, C.-Y. Tsai, Y.-C. Yen, J.-H. Chen, I.-C. Lai, C.-S.	Clinical predictors of early surgical intervention in patients with venomous snakebites	European Journal of Medical Research	10.1186/s40001-023-01101-x	Corresponding Author
40	Bui, N.-N. Li, C.-Y. Wang, L.-Y. Chen, Y.-A. Kao, W.-H. Chou, L.-F. Hsieh, J.-T. Lin, H. Lai, C.-H.	Clostridium scindens metabolites trigger prostate cancer progression through androgen receptor signaling	Journal of Microbiology, Immunology and Infection	10.1016/j.jmii.2022.12.009	
41	Wang, E.S.-T. Liao, Y.-T.	Contribution of internet celebrities' self-disclosure to fan-perceived interpersonal attraction and enduring involvement	Computers in Human Behavior	10.1016/j.chb.2022.107601	First Author, Corresponding Author
42	Chou, C.-H. Shen, T.-W. Tung, H. Hsieh, P.F. Kuo, C.-E. Chen, T.-M. Yang, C.-W.	Convolutional neural network-based fast seizure detection from video electroencephalograms	Biomedical Signal Processing and Control	10.1016/j.bspc.2022.104380	First Author
43	Chou, C.-H. Shen, T.-W. Tung, H. Hsieh, P.F. Kuo, C.-E. Chen, T.-M. Yang, C.-W.	Convolutional neural network-based fast seizure detection from video electroencephalograms	Biomedical Signal Processing and Control	10.1016/j.bspc.2022.104380	
44	Bui, H.M. Van Nguyen, S. Huynh, A.T. Bui, H.N. Nguyen, H.T.T. Perng, Y.S. Bui, X.-T. Nguyen, H.T.	Correlation between nitrous oxide emissions and economic growth in Vietnam: An autoregressive distributed lag analysis	Environmental Technology and Innovation	10.1016/j.eti.2022.102989	
45	Lin, Y.-T. Wang, J.-S. Hsu, W.-E. Lin, Y.-H. Wu, Y.-C. Chen, K.-H. Pan, C.-C. Lee, C.-H.	Correlation of Foraminal Parameters with Patient-Reported Outcomes in Patient with Degenerative Lumbar Foraminal Stenosis	Journal of Clinical Medicine	10.3390/jcm12020479	

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46	Tsai, S.-J. Kao, C.-F. Su, T.-P. Li, C.-T. Lin, W.-C. Hong, C.-J. Bai, Y.-M. Tu, P.-C. Chen, M.-H.	Cytokine- and Vascular Endothelial Growth Factor-Related Gene-Based Genome-Wide Association Study of Low-Dose Ketamine Infusion in Patients with Treatment-Resistant Depression	CNS Drugs	10.1007/s40263-023-00989-7	
47	Lin, Y.-Y. Yen, G.-C. Lin, H.-T.	Dashboard charting for online compliance monitoring of heavy metals in school-meal chicken and pork in Taiwan	Journal of Food Composition and Analysis	10.1016/j.jfca.2022.104900	
48	Lin, Y.-Y. Yen, G.-C. Lin, H.-T.	Dashboard charting for online compliance monitoring of heavy metals in school-meal chicken and pork in Taiwan	Journal of Food Composition and Analysis	10.1016/j.jfca.2022.104900	Corresponding Author
49	Yamada, Y. Chuang, S.-T. Tseng, C.-Y. Liao, G.-R. Liu, S.-W. Tseng, Y.-Y. Lin, F.-Y. Hsu, W.-L.	Deletion of gene OV132 attenuates Orf virus more effectively than gene OV112	Applied Microbiology and Biotechnology	10.1007/s00253-022-12323-0	
50	Yamada, Y. Chuang, S.-T. Tseng, C.-Y. Liao, G.-R. Liu, S.-W. Tseng, Y.-Y. Lin, F.-Y. Hsu, W.-L.	Deletion of gene OV132 attenuates Orf virus more effectively than gene OV112	Applied Microbiology and Biotechnology	10.1007/s00253-022-12323-0	Corresponding Author
51	Yamada, Y. Chuang, S.-T. Tseng, C.-Y. Liao, G.-R. Liu, S.-W. Tseng, Y.-Y. Lin, F.-Y. Hsu, W.-L.	Deletion of gene OV132 attenuates Orf virus more effectively than gene OV112	Applied Microbiology and Biotechnology	10.1007/s00253-022-12323-0	
52	Lin, Y.-Y. Tang, C.-K. Saska, P. Güncan, A. Yao, M.-C. Tuan, S.-J.	Demographic characteristics of Cadra cautella on brown rice at different temperatures: Do diapausing individuals contribute to population growth rate?	Journal of Stored Products Research	10.1016/j.jspr.2022.102073	
53	Lin, Y.-Y. Tang, C.-K. Saska, P. Güncan, A. Yao, M.-C. Tuan, S.-J.	Demographic characteristics of Cadra cautella on brown rice at different temperatures: Do diapausing individuals contribute to population growth rate?	Journal of Stored Products Research	10.1016/j.jspr.2022.102073	Corresponding Author
54	Law, K.-S. Huang, C.-E. Chen, S.-W.	Detection of Circulating Tumor Cell-Related Markers in Gynecologic Cancer Using Microfluidic Devices: A Pilot Study	International Journal of Molecular Sciences	10.3390/ijms24032300	First Author, Corresponding Author
55	Tsai, S.-F. Yang, C.-T. Liu, W.-J. Lee, C.-L.	Development and validation of an insulin resistance model for a population without diabetes mellitus and its clinical implication: a prospective cohort study	eClinicalMedicine	10.1016/j.eclinm.2023.101934	First Author

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56	Huang, H.-L. Liu, H.-L. Cheng, Y.-S.	Development of innovative marker detection methods for high-fertility ducks (<i>Anas platyrhynchos</i>)	Theriogenology	10.1016/j.theriogenology.2022.12.007	First Author, Corresponding Author
57	Hou, C.-Y. Lin, C.-M. Patel, A.K. Dong, C. Shih, M.-K. Hsieh, C.-W. Hung, Y.-L. Huang, P.-H.	Development of novel green methods for preparation of lead-free preserved pidan (duck egg)	Journal of Food Science and Technology	10.1007/s13197-022-05417-0	
58	Yang, S.-C. Huang, H.-M. Yeh, T.-F. Shen, C.-H. Wu, C.-L. Hsieh, Y.-J. Wu, C.-C. Hung, C.-J.	Differences in Pain Assessments Between Inpatients and Nurses Leads to Considerable Misestimated Pain	Pain Physician	-	
59	Lu, C.-F. Cheng, C.-Y.	Does the change of agricultural zoning policy achieve farmland protection in Taiwan?	Land Use Policy	10.1016/j.landusepolicy.2022.106518	Corresponding Author
60	Weng, S.-C. Lin, C.-F. Hsu, C.-Y. Lin, S.-Y.	Effect of frailty, physical performance, and chronic kidney disease on mortality in older patients with diabetes : a retrospective longitudinal cohort study	Diabetology and Metabolic Syndrome	10.1186/s13098-022-00972-0	First Author
61	Chang, C.-K. Lung, C.-T. Gavahian, M. Yudhistira, B. Chen, M.-H. Santoso, S.P. Hsieh, C.-W.	Effect of pulsed electric field-assisted thawing on the gelling properties of pekin duck meat myofibrillar protein	Journal of Food Engineering	10.1016/j.jfoodeng.2023.111482	Corresponding Author
62	Chang, S.C. Lin, M.J. Lee, C.H. Lin, L.J. Liao, J.W. Lee, T.T.	Effects of angel wings on morphological and histological characteristics of White Roman geese	Poultry Science	10.1016/j.psj.2022.102389	Corresponding Author
63	Chang, S.C. Lin, M.J. Lee, C.H. Lin, L.J. Liao, J.W. Lee, T.T.	Effects of angel wings on morphological and histological characteristics of White Roman geese	Poultry Science	10.1016/j.psj.2022.102389	
64	Chen, H.-J. Dai, F.-J. Chen, C.-Y. Fan, S.-L. Zheng, J.-H. Chau, C.-F. Lin, Y.-S. Chen, C.-S.	Effects of molecular weight fraction on antioxidation capacity of rice protein hydrolysates	Scientific Reports	10.1038/s41598-022-14314-7	
65	Chen, H.-J. Dai, F.-J. Chen, C.-Y. Fan, S.-L. Zheng, J.-H. Chau, C.-F. Lin, Y.-S. Chen, C.-S.	Effects of molecular weight fraction on antioxidation capacity of rice protein hydrolysates	Scientific Reports	10.1038/s41598-022-14314-7	Corresponding Author
66	Wang, Y.-C. Hung, R.-Y.	Effects of sediment properties on the erosion resistance of natural cohesive soils in Taiwan	Catena	10.1016/j.catena.2023.106950	First Author, Corresponding Author
67	Rairat, T. Hsieh, M.-K. Lu, Y.-P. Ho, W.-C. Wu, H.-C. Chou, C.-C.	Effects of starvation on the pharmacokinetics and optimal dosages of florfenicol and associated serum biochemistry in Asian seabass (<i>Lates calcarifer</i>)	Journal of Veterinary Pharmacology and Therapeutics	10.1111/jvp.13115	Corresponding Author

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68	Rairat, T. Hsieh, M.-K. Lu, Y.-P. Ho, W.-C. Wu, H.-C. Chou, C.-C.	Effects of starvation on the pharmacokinetics and optimal dosages of florfenicol and associated serum biochemistry in Asian seabass (<i>Lates calcarifer</i>)	Journal of Veterinary Pharmacology and Therapeutics	10.1111/jvp.13115	
69	Yang, M.-Y. Tseng, H.-C. Liu, C.-H. Tsai, S.-Y. Chen, J.-H. Chu, Y.-H. Li, S.-T. Lee, J.-J. Liao, W.-C.	Effects of the individual three-dimensional printed craniofacial bones with a quick response code on the skull spatial knowledge of undergraduate medical students	Anatomical Sciences Education	10.1002/ase.2269	Corresponding Author
70	Yang, M. Hou, C.-Y. Lin, M.-C. Chang, C.-K. Patel, A.K. Dong, C.-D. Chen, Y.-A. Wu, J.-T. Hsieh, C.-W.	Efficient thermal treatment of radish (<i>Raphanus sativus</i>) for enhancing its bioactive compounds	Journal of Food Science and Technology	10.1007/s13197-022-05450-z	Corresponding Author
71	Chuang, C.-H. Kuo, C.-C. Chiang, Y.-F. Lee, P.-Y. Wang, F.-H. Hsieh, C.-Y. Shen, C.-I. Chung, Y.-H. Lee, K.-D. Wu, S.-F. Su, H.-L. Lin, C.-L.	Enriched Peripheral Blood-Derived Mononuclear Cells for Treating Knee Osteoarthritis	Cell Transplantation	10.1177/09636897221149445	
72	Wu, C.-C. Wang, C.-C. Chung, W.-Y. Sheu, C.-C. Yang, Y.-H. Cheng, M.-Y. Lai, R.-S. Leung, S.-Y. Lin, C.-C. Wei, Y.-F. Lin, C.-H. Lin, S.-H. Hsu, J.-Y. Huang, W.-C. Tseng, C.-C. Lai, Y.-F. Cheng, M.-H. Chen, H.-C. Yang, C.-J. Hsu, S.-C. Su, C.-H. Wang, C.-J. Liu, H.-J. Chen, H.-L. Hsu, Y.-T. Hung, C.-H. Lee, C.-L. Huang, M.-S. Huang, S.-K.	Environmental risks and sphingolipid signatures in adult asthma and its phenotypic clusters: a multicentre study	Thorax	10.1136/thoraxjnl-2021-218396	
73	Wang, S. Kobayashi, K. Takanashi, S. Liu, C.-P. Li, D.-R. Chen, S.-W. Cheng, Y.-T. Moriguchi, K. Dannoura, M.	Estimating divergent forest carbon stocks and sinks via a knife set approach	Journal of Environmental Management	10.1016/j.jenvman.2022.117114	
74	Zheng, K.-X. Liu, C.-H. Wang, S. Tzou, Y.-M. Chiang, C.-M. Lin, S.-R. Yang, H.-Y. Wu, J.J. Chuang, Y.-H.	Evaluating the release and metabolism of ricinine from castor cake fertilizer in soils using a LC-QTOF/MS coupled with SIRIUS workflow	Chemosphere	10.1016/j.chemosphere.2022.136865	Corresponding Author

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75	Hameed, A. Chen, Y.-P. Shen, F.-T. Lin, S.-Y. Huang, H.-I. Lin, Y.-W. Young, C.-C.	Evaluation of a subtropical maize-rice rotation system maintained under long-term fertilizer inputs for sustainable intensification of agriculture	Applied Soil Ecology	10.1016/j.apsoil.2022.104772	
76	Lu, J.-J. Cheng, M.-C. Khumsupan, D. Hsieh, C.-C. Hsieh, C.-W. Cheng, K.-C.	Evaluation of Fermented Turmeric Milk by Lactic Acid Bacteria to Prevent UV-Induced Oxidative Stress in Human Fibroblast Cells	Fermentation	10.3390/fermentation9030230	Corresponding Author
77	Yan, G.-Y. Liu, P.-C. Kang, M.-J. Li, W.-S. Lee, Y.-H. Chen, K.-S.	Evaluation of renal cortical echogenicity in healthy cats using anisotropic backscatter artifacts and echogenicity differences among internal organs	Veterinary Quarterly	10.1080/01652176.2023.2177773	Corresponding Author
78	Yan, G.-Y. Liu, P.-C. Kang, M.-J. Li, W.-S. Lee, Y.-H. Chen, K.-S.	Evaluation of renal cortical echogenicity in healthy cats using anisotropic backscatter artifacts and echogenicity differences among internal organs	Veterinary Quarterly	10.1080/01652176.2023.2177773	
79	Lin, S.-W. Wu, C.-H. Jao, Y.-C. Tsai, Y.-S. Chen, Y.-L. Chen, C.-C. Fang, T.J. Chau, C.-F.	Fermented Supernatants of Lactobacillus plantarum GKM3 and Bifidobacterium lactis GKK2 Protect against Protein Glycation and Inhibit Glycated Protein Ligation	Nutrients	10.3390/nu15020277	Corresponding Author
80	Phang, C.-R. Chen, C.-H. Cheng, Y.-Y. Chen, Y.-J. Ko, L.-W.	Frontoparietal Dysconnection in Covert Bipedal Activity for Enhancing the Performance of the Motor Preparation-Based Brain-Computer Interface	IEEE Transactions on Neural Systems and Rehabilitation Engineering	10.1109/TNSRE.2022.3217298	
81	Tsai, C.-L. Lu, C.-N. Tzeng, H.-Y. Krafur, E.S. Tu, W.-C. Yeh, W.-B.	Global population genetic structure and lineage differentiation of the stable fly, Stomoxys calcitrans	Medical and Veterinary Entomology	10.1111/mve.12637	Corresponding Author
82	Tsai, C.-L. Lu, C.-N. Tzeng, H.-Y. Krafur, E.S. Tu, W.-C. Yeh, W.-B.	Global population genetic structure and lineage differentiation of the stable fly, Stomoxys calcitrans	Medical and Veterinary Entomology	10.1111/mve.12637	Corresponding Author
83	Zhong, Z. Feng, S. Mansfeld, B.N. Ke, Y. Qi, W. Lim, Y.-W. Grissemer, W. Bart, R.S. Jacobsen, S.E.	Haplotype-resolved DNA methylome of African cassava genome	Plant Biotechnology Journal	10.1111/pbi.13955	
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89	Chu, H.-W. Chang, K.-P. Yen, W.-C. Liu, H.-P. Chan, X.-Y. Liu, C.-R. Hung, C.-M. Wu, C.-C.	Identification of salivary autoantibodies as biomarkers of oral cancer with immunoglobulin A enrichment combined with affinity mass spectrometry	Proteomics	10.1002/pmic.202200321	
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96	Jhan, L.-H. Yang, C.-Y. Huang, C.-M. Lai, M.-C. Huang, Y.-H. Baiya, S. Kao, C.-F.	Integrative pathway and network analysis provide insights on flooding-tolerance genes in soybean	Scientific Reports	10.1038/s41598-023-28593-1	Corresponding Author
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136	Chen, Y.-Y. Chen, S.-Y. Lin, J.-A. Yen, G.-C.	Preventive Effect of Indian Gooseberry (Phyllanthus emblica L.) Fruit Extract on Cognitive Decline in High-Fat Diet (HFD)-Fed Rats	Molecular Nutrition and Food Research	10.1002/mnfr.202200791	Corresponding Author
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150	Cho, Y.-L. Tzou, Y.-M. Wang, C.-C. Lee, Y.-C. Hsu, L.-C. Liu, S.-L. Assakinah, A. Chen, Y.-H. Thi Than, N.A. Liu, Y.-T. Rinklebe, J.	Removal and concurrent reduction of Cr(VI) by thermoacidophilic Cyanidiales: a novel extreme biomaterial enlightened for acidic and neutral conditions	Journal of Hazardous Materials	10.1016/j.jhazmat.2 022.130334	Corresponding Author

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160	Guan, T.-P. Teng, J.L.L. Fong, J.Y.H. Lau, S.K.P. Woo, P.C.Y.	Seasonal shift in gut microbiome diversity in wild Sichuan takin (<i>Budorcas tibetanus</i>) and environmental adaptation	Computational and Structural Biotechnology Journal	10.1016/j.csbj.2022.12.035	Corresponding Author
161	Lin, C.-T. Chiu, M.-C. Kuo, M.-H.	Seasonality can override the effects of anthropogenic activities on microplastic presence in invertebrate deposit feeders in an urban river system	Journal of Hazardous Materials	10.1016/j.jhazmat.2022.130272	Corresponding Author
162	La, C.-J. Chen, Y.-J. Wu, M.-X. Wu, C.-C. Tang, N.-T. Hsu, T.-F. Lin, S.-H. Li, H.-F. Yang, H.	Self-cleaning and anti-fogging hierarchical structure arrays inspired by termite wing	Applied Surface Science	10.1016/j.apsusc.2023.156484	Corresponding Author
163	Hsieh, M.-J. Ho, H.-Y. Lo, Y.-S. Lin, C.-C. Chuang, Y.-C. Abomughaid, M.M. Hsieh, M.-C. Chen, M.-K.	Semilicoisoflavone B Induces Apoptosis of Oral Cancer Cells by Inducing ROS Production and Downregulating MAPK and Ras/Raf/MEK Signaling	International Journal of Molecular Sciences	10.3390/ijms24054505	First Author
164	Kao, C.-C. Wang, H.-M. Tsai, S.-J. Lin, J.-Y.	Sensory and microbial analyses on naturally lacto-fermented cucumbers	International Journal of Gastronomy and Food Science	10.1016/j.ijgfs.2023.100714	Corresponding Author
165	Li, Y.-X. Chen, A. Leu, W.-M.	Sessile Trichomes Play Major Roles in Prey Digestion and Absorption, While Stalked Trichomes Function in Prey Predation in <i>Byblis guehoi</i>	International Journal of Molecular Sciences	10.3390/ijms24065305	Corresponding Author
166	Tung, C.-C. Kuo, S.-C. Yang, C.-L. Yu, J.-H. Huang, C.-E. Liou, P.-C. Sun, Y.-H. Shuai, P. Su, J.-C. Ku, C. Lin, Y.-C.J.	Single-cell transcriptomics unveils xylem cell development and evolution	Genome Biology	10.1186/s13059-022-02845-1	
167	Chung, M.-C. Hung, P.-H. Hsiao, P.-J. Wu, L.-Y. Chang, C.-H. Hsiao, K.-Y. Wu, M.-J. Shieh, J.-J. Huang, Y.-C. Chung, C.-J.	Sodium-Glucose Transport Protein 2 Inhibitor Use for Type 2 Diabetes and the Incidence of Acute Kidney Injury in Taiwan	JAMA Network Open	10.1001/jamanetworkopen.2023.0453	

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168	Tu, E.-C. Hsu, W.-L. Tzen, J.T.C.	Strictinin, a Major Ingredient in Yunnan Kucha Tea Possessing Inhibitory Activity on the Infection of Mouse Hepatitis Virus to Mouse L Cells	Molecules	10.3390/molecules28031080	Corresponding Author
169	Tu, E.-C. Hsu, W.-L. Tzen, J.T.C.	Strictinin, a Major Ingredient in Yunnan Kucha Tea Possessing Inhibitory Activity on the Infection of Mouse Hepatitis Virus to Mouse L Cells	Molecules	10.3390/molecules28031080	Corresponding Author
170	Wang, B.-Y. Lin, C.-H. Wu, S.-C. Chen, H.-S.	Survival Comparison between Open and Thoracoscopic Upfront Esophagectomy in Patients with Esophageal Squamous Cell Carcinoma	Annals of Surgery	10.1097/SLA.0000000004968	First Author
171	Lai, C.-L. Lin, C.-H. Su, Y.-C. Shih, Y.-H. Wang, C.-C. Teng, C.-L.J. Chou, C.-W.	Survival outcomes of patients with head and neck squamous cell cancer with hepatitis B virus infection: An analysis from an endemic tertiary center	Cancer Medicine	10.1002/cam4.5469	
172	Reddy, D.S. Chang, H.-H. Tsai, M.-Y. Chen, I.-G. Wu, K.-T. Liu, S.-H.	Swelling and softening behavior of iron ore-spent mushroom substrate composite pellets during carbothermal reduction	Journal of Materials Research and Technology	10.1016/j.jmrt.2022.12.022	
173	Chen, K.-Y. Liu, Y.-T. Hung, J.-T. Hsieh, Y.-C. Tzou, Y.-M.	Synergism of Fe and Al salts for the coagulation of dissolved organic matter: Structural developments of Fe/Al-organic matter associations	Chemosphere	10.1016/j.chemosphere.2023.137737	
174	Lee, P.-F. Zhan, Y.-X. Wang, J.-C. Cheng, Y.-H. Hsu, W.-H. Hsu, H.-F. Chen, W.-H. Yang, C.-H.	The AtERF19 gene regulates meristem activity and flower organ size in plants	Plant Journal	10.1111/tpj.16196	Corresponding Author
175	Li, C.-P. Wu, D.-H. Huang, S.-H. Meng, M. Shih, H.-T. Lai, M.-H. Chen, L.-J. Jena, K.K. Hechanova, S.L. Ke, T.-J. Chiu, T.-Y. Tsai, Z.-Y. Chen, G.-K. Tsai, K.-C. Leu, W.-M.	The Bph45 Gene Confers Resistance against Brown Planthopper in Rice by Reducing the Production of Limonene	International Journal of Molecular Sciences	10.3390/ijms24021798	
176	Li, C.-P. Wu, D.-H. Huang, S.-H. Meng, M. Shih, H.-T. Lai, M.-H. Chen, L.-J. Jena, K.K. Hechanova, S.L. Ke, T.-J. Chiu, T.-Y. Tsai, Z.-Y. Chen, G.-K. Tsai, K.-C. Leu, W.-M.	The Bph45 Gene Confers Resistance against Brown Planthopper in Rice by Reducing the Production of Limonene	International Journal of Molecular Sciences	10.3390/ijms24021798	Corresponding Author

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178	Tseng, S.-Y. Lai, C.-L. Ko, C.-P. Chang, Y.-K. Fan, H.-C. Wang, C.-H.	The Effectiveness of Whole-Body Vibration and Heat Therapy on the Muscle Strength, Flexibility, and Balance Abilities of Elderly Groups	International Journal of Environmental Research and Public Health	10.3390/ijerph20021650	
179	Tseng, S.-Y. Lai, C.-L. Ko, C.-P. Chang, Y.-K. Fan, H.-C. Wang, C.-H.	The Effectiveness of Whole-Body Vibration and Heat Therapy on the Muscle Strength, Flexibility, and Balance Abilities of Elderly Groups	International Journal of Environmental Research and Public Health	10.3390/ijerph20021650	
180	Huang, P.-J. Chen, Y.-H. Huang, W.-N. Chen, Y.-M. Lai, K.-L. Hsieh, T.-Y. Hung, W.-T. Lin, C.-T. Tseng, C.-W. Tang, K.-T. Chou, Y.-Y. Wu, Y.-D. Huang, C.-Y. Hsieh, C.-W. Chen, Y.-J. Liao, Y.-W. Liu, Y.-T. Chen, H.-H.	The electronic medical record management systems may improve monitoring and control of disease activity in patients with ankylosing spondylitis	Scientific Reports	10.1038/s41598-023-30848-w	
181	Huang, P.-J. Chen, Y.-H. Huang, W.-N. Chen, Y.-M. Lai, K.-L. Hsieh, T.-Y. Hung, W.-T. Lin, C.-T. Tseng, C.-W. Tang, K.-T. Chou, Y.-Y. Wu, Y.-D. Huang, C.-Y. Hsieh, C.-W. Chen, Y.-J. Liao, Y.-W. Liu, Y.-T. Chen, H.-H.	The electronic medical record management systems may improve monitoring and control of disease activity in patients with ankylosing spondylitis	Scientific Reports	10.1038/s41598-023-30848-w	Corresponding Author
182	Huang, P.-J. Chen, Y.-H. Huang, W.-N. Chen, Y.-M. Lai, K.-L. Hsieh, T.-Y. Hung, W.-T. Lin, C.-T. Tseng, C.-W. Tang, K.-T. Chou, Y.-Y. Wu, Y.-D. Huang, C.-Y. Hsieh, C.-W. Chen, Y.-J. Liao, Y.-W. Liu, Y.-T. Chen, H.-H.	The electronic medical record management systems may improve monitoring and control of disease activity in patients with ankylosing spondylitis	Scientific Reports	10.1038/s41598-023-30848-w	

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184	Liao, Y.-C. Liu, F.-L. Rugman-Jones, P.F. Husein, D. Liang, H.-H. Yang, Y.-H. Lee, C.-Y. Liu, L.-Y. Tuan, S.-J. Stouthamer, R.	The Euwallacea fornicatus species complex (Coleoptera: Curculionidae); emerging economic pests of tea in Taiwan	Crop Protection	10.1016/j.cropro.2023.106226	Corresponding Author
185	Kuan, C.-Y. Lin, T.-L. Ou, S.-C. Chuang, S.-T. Chan, J.P.-W. Maeda, K. Mizutani, T. Wu, M.-P. Lee, F. Chan, F.-T. Chang, C.-C. Liang, R.-L. Yang, S.-F. Liu, T.-C. Tu, W.-C. Tzeng, H.-Y. Lee, C.-J. Lin, C.-F. Lee, H.-H. Wu, J.-H. Lo, H.-C. Tseng, K.-C. Hsu, W.-L. Chou, C.-C.	The First Nationwide Surveillance of Severe Fever with Thrombocytopenia Syndrome in Ruminants and Wildlife in Taiwan	Viruses	10.3390/v15020441	
186	Kuan, C.-Y. Lin, T.-L. Ou, S.-C. Chuang, S.-T. Chan, J.P.-W. Maeda, K. Mizutani, T. Wu, M.-P. Lee, F. Chan, F.-T. Chang, C.-C. Liang, R.-L. Yang, S.-F. Liu, T.-C. Tu, W.-C. Tzeng, H.-Y. Lee, C.-J. Lin, C.-F. Lee, H.-H. Wu, J.-H. Lo, H.-C. Tseng, K.-C. Hsu, W.-L. Chou, C.-C.	The First Nationwide Surveillance of Severe Fever with Thrombocytopenia Syndrome in Ruminants and Wildlife in Taiwan	Viruses	10.3390/v15020441	
187	Kuan, C.-Y. Lin, T.-L. Ou, S.-C. Chuang, S.-T. Chan, J.P.-W. Maeda, K. Mizutani, T. Wu, M.-P. Lee, F. Chan, F.-T. Chang, C.-C. Liang, R.-L. Yang, S.-F. Liu, T.-C. Tu, W.-C.	The First Nationwide Surveillance of Severe Fever with Thrombocytopenia Syndrome in Ruminants and Wildlife in Taiwan	Viruses	10.3390/v15020441	

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189	Kuan, C.-Y. Lin, T.-L. Ou, S.-C. Chuang, S.-T. Chan, J.P.-W. Maeda, K. Mizutani, T. Wu, M.-P. Lee, F. Chan, F.-T. Chang, C.-C. Liang, R.- L. Yang, S.-F. Liu, T.-C. Tu, W.-C. Tzeng, H.-Y. Lee, C.-J. Lin, C.-F. Lee, H.-H. Wu, J.-H. Lo, H.-C. Tseng, K.-C. Hsu, W.-L. Chou, C.-C.	The First Nationwide Surveillance of Severe Fever with Thrombocytopenia Syndrome in Ruminants and Wildlife in Taiwan	Viruses	10.3390/v1502044 1	
190	Kuan, C.-Y. Lin, T.-L. Ou, S.-C. Chuang, S.-T. Chan, J.P.-W. Maeda, K. Mizutani, T. Wu, M.-P. Lee, F. Chan, F.-T. Chang, C.-C. Liang, R.- L. Yang, S.-F. Liu, T.-C. Tu, W.-C. Tzeng, H.-Y. Lee, C.-J. Lin, C.-F. Lee, H.-H. Wu, J.-H. Lo, H.-C. Tseng, K.-C. Hsu, W.-L. Chou, C.-C.	The First Nationwide Surveillance of Severe Fever with Thrombocytopenia Syndrome in Ruminants and Wildlife in Taiwan	Viruses	10.3390/v1502044 1	Corresponding Author
191	Kuan, C.-Y. Lin, T.-L. Ou, S.-C. Chuang, S.-T. Chan, J.P.-W. Maeda, K. Mizutani, T. Wu, M.-P. Lee, F. Chan, F.-T. Chang, C.-C. Liang, R.- L. Yang, S.-F. Liu, T.-C. Tu, W.-C.	The First Nationwide Surveillance of Severe Fever with Thrombocytopenia Syndrome in Ruminants and Wildlife in Taiwan	Viruses	10.3390/v1502044 1	

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192	Lin, C.-J. Yang, S.-Y. Hsu, L.-H. Yu, S.-J. Chen, Y.-L.	The Gcn5-Ada2-Ada3 histone acetyltransferase module has divergent roles in pathogenesis of <i>Candida glabrata</i>	Medical mycology	10.1093/mmy/myad004	First Author
193	Wang, W.-C. Zheng, Y.-F. Wang, S.-C. Kuo, C.-Y. Chien, H.-J. Hong, X.-G. Hsu, Y.-M. Lai, C.-C.	The identification of soy sauce adulterated with bean species and the origin using headspace solid-phase microextraction coupled with gas chromatography-mass spectrometry	Food Chemistry	10.1016/j.foodchem.2022.134638	Corresponding Author
194	Wang, W.-C. Zheng, Y.-F. Wang, S.-C. Kuo, C.-Y. Chien, H.-J. Hong, X.-G. Hsu, Y.-M. Lai, C.-C.	The identification of soy sauce adulterated with bean species and the origin using headspace solid-phase microextraction coupled with gas chromatography-mass spectrometry	Food Chemistry	10.1016/j.foodchem.2022.134638	Corresponding Author
195	Chen, D.-Y. Chen, H.-H. Chang, S.-H. Chen, Y.-M. Huang, P.-H. Hsieh, C.-W. Lan, J.-L. Tang, K.-T.	The Impact of b/tsDMARD Dose Reduction on Chronic Hepatitis B in Rheumatoid Arthritis Patients: A Two-Center Long-Term Safety Analysis	Journal of Clinical Medicine	10.3390/jcm12010086	
196	Lin, Y.-P. Hseu, Y.-C. Thiyagarajan, V. Vadivalagan, C. Pandey, S. Lin, K.-Y. Hsu, Y.-T. Liao, J.-W. Lee, C.-C. Yang, H.-L.	The in vitro and in vivo anticancer activities of <i>Antrodia salmonea</i> through inhibition of metastasis and induction of ROS-mediated apoptotic and autophagic cell death in human glioblastoma cells	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2022.114178	
197	Budi, Y.P. Hsu, M.-C. Lin, Y.-C. Lee, Y.-J. Chiu, H.-Y. Chiu, C.-H. Jiang, Y.-F.	The injections of mitochondrial fusion promoter M1 during proestrus disrupt the progesterone secretion and the estrous cycle in the mouse	Scientific Reports	10.1038/s41598-023-29608-7	
198	Lin, C.-A. Chou, C.-M. Huang, S.-Y. Chen, H.-C.	The optimal primary treatment for pediatric perianal abscess and anal fistula: A systemic review and meta-analysis	Journal of Pediatric Surgery	10.1016/j.jpedsurg.2023.01.055	
199	Choo, C.Y.L. Wu, P.-C. Yago, J.I. Chung, K.-R.	The Pex3-mediated peroxisome biogenesis plays a critical role in metabolic biosynthesis, stress response, and pathogenicity in <i>Alternaria alternata</i>	Microbiological Research	10.1016/j.micres.2022.127236	
200	Wang, S.-H. Yang, K.-Y. Sheu, C.-C. Lin, Y.-C. Chan, M.-C. Feng, J.-	The prevalence, presentation and outcome of colistin susceptible-only <i>Acinetobacter Baumannii</i> -associated	Scientific Reports	10.1038/s41598-022-26009-0	

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201	Wu, Y.-L. Chen, S.-C. Chang, J.-C. Lin, W.-Y. Chen, C.-C. Li, C.-C. Hsieh, M. Chen, H.-W. Chang, T.-Y. Liu, C.-S. Liu, K.-L.	The protective effect of erinacine A-enriched Hericium erinaceus mycelium ethanol extract on oxidative Stress-Induced neurotoxicity in cell and Drosophila models of spinocerebellar ataxia type 3	Free Radical Biology and Medicine	10.1016/j.freeradbiomed.2022.12.005	Corresponding Author
202	Hazeena, S.H. Chen, X.-H. Yeh, C.-S. Hsieh, C.-W. Chen, M.-H. Huang, P.-H. Hou, C.-Y. Shih, M.-K.	The relationship among knowledge, attitude, and behavior of workers on food safety in Taiwan's Company A	Journal of Food Science and Technology	10.1007/s13197-023-05673-8	
203	Huang, Y.-C. Hsu, Y.-C. Chen, J.-P. Fu, L.-S.	The Role of New 3D Pathology and Lymphocyte Expression of Interstitial Inflammation in Pediatric-Onset Lupus Nephritis	International Journal of Molecular Sciences	10.3390/ijms24043512	Corresponding Author
204	Chuang, K.-C. Lai, Y.-W. Ko, C.-H. Yen, C.-C. Chen, H.-L. Lan, Y.-W. Chen, C.-F. Chen, W. Chen, C.-M.	Therapeutic effects of kefir peptides on adjuvant-induced arthritis in rats through anti-inflammation and downregulation of matrix metalloproteinases	Life Sciences	10.1016/j.lfs.2023.121411	Corresponding Author
205	Liu, W.-Y. Tsao, C. Lin, C.-C.	Tourists' preference for colors of forest landscapes and its implications for forest landscape planning policies	Forest Policy and Economics	10.1016/j.forpol.2022.102887	First Author
206	Chang, H.-C. You, W.C. Shen, C.-C. Chen, Y.J. Sun, M.-H. Sheu, M.-L. Pan, L.-Y. Sheehan, J. Su, K.-C. Pan, H.-C.	Using the deformity index of vital structures to predict outcome of patients with large vestibular schwannomas after Gamma Knife radiosurgery	Journal of Neuro-Oncology	10.1007/s11060-023-04280-z	
207	Chen, Y.-Y. Wang, C.-C. Lin, Y.-C. Kao, J.Y. Chuang, C.-Y. Tsou, Y.-A. Fu, J.-C. Yang, S.-S. Chang, C.-S. Lien, H.-C.	Validation of Pharyngeal Acid Reflux Episodes Using Hypopharyngeal Multichannel Intraluminal Impedance-pH	Journal of Neurogastroenterology and Motility	10.5056/jnm22047	Corresponding Author
208	Huang, E. Yan, J.-S. Gicana, R.G. Chiang, Y.-R. Yeh, F.-I. Huang, C.-C. Wang, P.-H.	Valorization of soybean pulp for sustainable α -ketoisocaproate production using engineered <i>Bacillus subtilis</i> whole-cell biocatalyst	Chemosphere	10.1016/j.chemosphere.2023.138200	
209	Wong, J.-K. Yeh, C.-M. Chou, C.-M. Huang, S.-Y. Chen, H.-C.	Video-assisted Rigid Endoscopic Laser Ablation for Endobronchial Mucoepidermoid Carcinoma in Pediatrics Without Pulmonary Resections	Journal of Pediatric Surgery	10.1016/j.jpedsurg.2023.01.057	

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2	Shih, D.-S. Shih, S.-S. Hsu, S.M. Lin, S.-Y. Lin, Y. Hung, C.-T. Wang, K.	A framework for the sustainable risk assessment of in-river hydraulic structures: A case study of Taiwan's Daan River	Journal of Hydrology	10.1016/j.jhydrol.2022.129028	
3	Xu, Q. Shang, C. Ma, H. Hong, Q. Li, C. Ding, S. Xue, L. Sun, X. Pan, Y. Sugahara, T. Yalikhun, Y. Lai, Y.-C. Yang, Y.	A guided-liquid-based hybrid triboelectric nanogenerator for omnidirectional and high-performance ocean wave energy harvesting	Nano Energy	10.1016/j.nanoen.2023.108240	Corresponding Author
4	Ma, M.-Y. Huang, Y.-C. Wu, Y.-T.	A Morphing Point-to-Point Displacement Control Based on Long Short-Term Memory for a Coplanar XXY Stage	Sensors	10.3390/s23041938	Corresponding Author
5	Zhuang, G.-L. Wang, L.-C. Lin, Y.-C. Li, J.-Y. Setnickova, K. Tseng, H.-H.	A novel glue attachment approach for precise anchoring of hydrophilic EGCG to enhance the separation performance and antifouling properties of PVDF membranes	Chemical Engineering Journal	10.1016/j.cej.2023.142585	Corresponding Author
6	Tsai, Y.-H. Wu, S.-K. Yu, S.-S. Tsai, M.-H.	A Novel Hybrid Deep Neural Network for Predicting Athlete Performance Using Dynamic Brain Waves	Mathematics	10.3390/math11040903	Corresponding Author
7	Deng, Z.-Y. Kumar, U. Ke, C.-H. Lin, C.-W. Huang, W.-M. Wu, C.-H.	A simple and fast method for the fabrication of p-type β -Ga ₂ O ₃ by electrochemical oxidation method with DFT interpretation	Nanotechnology	10.1088/1361-6528/aca2b1	
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9	Tung, L.-C. Chan, Y.J.	A time-variant dynamic model for compound epicyclic–cycloidal reducers	Mechanism and Machine Theory	10.1016/j.mechmachtheory.2022.105095	Corresponding Author
10	Jeremias, J.S.D. Lin, J.-Y. Dalida, M.L.P. Lu, M.-C.	Abatement technologies for copper containing industrial wastewater effluents - A review	Journal of Environmental Chemical Engineering	10.1016/j.jece.2023.109336	Corresponding Author

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12	Yang, X.-X. Lu, F.-H.	Air-based sputtering deposition of titanium oxynitride-based single, gradient, and multi-layer thin films for photoelectrochemical applications	Ceramics International	10.1016/j.ceramint.2023.01.184	Corresponding Author
13	Ha, T.-H. Mahasti, N.N.N. Lu, M.-C. Huang, Y.-H.	Ammonium-nitrogen recovery as struvite from swine wastewater using various magnesium sources	Separation and Purification Technology	10.1016/j.seppur.2022.122870	Corresponding Author
14	Huang, D.-C. Liu, L.-C. Deng, Y.-Y. Chen, C.-L.	An Artwork Rental System Based on Blockchain Technology	Symmetry	10.3390/sym15020341	First Author
15	Yang, T.-T. Tseng, H.-W. Lu, C.-C.	An Early Wake-up and Access Barring Scheme for Improving the Probability of NDP in BLE Networks	IEEE Transactions on Green Communications and Networking	10.1109/TGCN.2022.3177541	Corresponding Author
16	Udomsin, J. Lin, C.-H. Wang, C.-F. Chen, J.-K. Tsai, H.-C. Hung, W.-S. Hu, C.-C. Lai, J.-Y.	An eco-friendly method to prepare superwetting composites by modifying cotton with TA/FeIII/PDDA coatings for highly effective separations of emulsions	Progress in Organic Coatings	10.1016/j.porgcoat.2023.107494	
17	Chou, S.-H. Lu, H.-W. Liu, T.-C. Chen, Y.-T. Fu, Y.-L. Shieh, Y.-H. Lai, Y.-C. Chen, S.-Y.	An Environmental-Inert and Highly Self-Healable Elastomer Obtained via Double-Terminal Aromatic Disulfide Design and Zwitterionic Crosslinked Network for Use as a Triboelectric Nanogenerator	Advanced Science	10.1002/adv.202202815	Corresponding Author
18	Lee, T.-Y. Chiu, C.-C. Chen, C.-J. Lin, C.-Y. Shiah, F.-K.	Assessing future availability of water resources in Taiwan based on the Budyko framework	Ecological Indicators	10.1016/j.ecolind.2022.109808	Corresponding Author
19	Chung, P.-M. Lin, Y.-T. Wang, G.-J.	Au/Ni Coaxial Nanopillar Microarray Electrodes for Red Blood Cell Concentration Detection	IEEE Sensors Journal	10.1109/JSEN.2023.3238372	Corresponding Author
20	Lee, C.-W. Lin, Z.-C. Chiang, Y.-C. Li, S.-Y. Ciou, J.-J. Liu, K.-W. Lin, Y.-C. Huang, B.-J. Peng, K.-T. Fang, M.-L. Lin, T.-E. Liao, M.-Y. Lai, C.-H.	AuAg nanocomposites suppress biofilm-induced inflammation in human osteoblasts	Nanotechnology	10.1088/1361-6528/acb4a1	Corresponding Author
21	Juang, C.-F. Chen, Y.-W.	Automatic Hitting-Duration Estimation of a Rechargeable Impact Wrench Using a Fuzzy Neural Network to Reach Target Toques	International Journal of Fuzzy Systems	10.1007/s40815-022-01387-9	First Author, Corresponding Author

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23	Chen, W.-C. Bai, R. Cheng, W.-L. Peng, C.-Y. Reddy, D.M. Badsara, S.S. Lee, C.-F.	Base-mediated chalcogenoaminative annulation of 2-alkynylanilines for direct access to 3-sulfenyl/selenyl-1H-indoles	Organic & biomolecular chemistry	10.1039/d3ob00279a	
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28	Khiem, T.C. Huy, N.N. Trang, T.D. Wen, J.-C. Kwon, E. Chang, H.-C. Hu, C. Duan, X. Lin, K.-Y.A.	Boosting elimination of sunscreen, Tetrahydroxybenzophenone (BP-2), from water using monopersulfate activated by thorny NanoBox of Co@C prepared via the engineered etching strategy: A comparative and mechanistic investigation	Chemosphere	10.1016/j.chemosphere.2023.138469	
29	Khiem, T.C. Huy, N.N. Trang, T.D. Wen, J.-C. Kwon, E. Chang, H.-C. Hu, C. Duan, X. Lin, K.-Y.A.	Boosting elimination of sunscreen, Tetrahydroxybenzophenone (BP-2), from water using monopersulfate activated by thorny NanoBox of Co@C	Chemosphere	10.1016/j.chemosphere.2023.138469	Corresponding Author

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31	Hwang, Y. Kim, Y.-M. Lee, J.E. Rhee, G.H. Show, P.-L. Andrew Lin, K.-Y. Park, Y.-K.	Catalytic removal of 2-butanone with ozone over porous spent fluid catalytic cracking catalyst	Environmental Research	10.1016/j.envres.2022.115071	
32	Li, T.-Y. Li, W.-J. Wey, M.-Y.	Cation exchange reaction drives CeMn-montmorillonite catalyst with high dispersion and abundant acidic sites for low-temperature NH3-SCR	Journal of Environmental Chemical Engineering	10.1016/j.jece.2023.109518	Corresponding Author
33	Huang, H.-J. Huang, S.-Y. Wang, T.-H. Lin, T.-Y. Huang, N.-C. Shih, O. Jeng, U.-S. Chu, C.-Y. Chiang, W.-H.	Clay nanosheets simultaneously intercalated and stabilized by PEGylated chitosan as drug delivery vehicles for cancer chemotherapy	Carbohydrate Polymers	10.1016/j.carbpol.2022.120390	
34	Huang, H.-J. Huang, S.-Y. Wang, T.-H. Lin, T.-Y. Huang, N.-C. Shih, O. Jeng, U.-S. Chu, C.-Y. Chiang, W.-H.	Clay nanosheets simultaneously intercalated and stabilized by PEGylated chitosan as drug delivery vehicles for cancer chemotherapy	Carbohydrate Polymers	10.1016/j.carbpol.2022.120390	Corresponding Author
35	Kao, S.-P. Chang, Y.-C. Wang, F.-L.	Combining the YOLOv4 Deep Learning Model with UAV Imagery Processing Technology in the Extraction and Quantization of Cracks in Bridges	Sensors	10.3390/s23052572	First Author
36	Yu, H.H. Chen, Y.-C. Su, H.-P. Chen, L. Chen, H.-H. Lin, K.-Y.A. Lin, C.-H.	Comparative pulmonary toxicity assessment of tungsten trioxide and tungsten trioxide hydrate nanoparticles	Science of the Total Environment	10.1016/j.scitotenv.2022.158885	Corresponding Author
37	Huang, Y.-Y. Wang, P.-C.	Computation Offloading and User-Clustering Game in Multi-Channel Cellular Networks for Mobile Edge Computing	Sensors	10.3390/s230311155	Corresponding Author
38	Chou, C.-H. Shen, T.-W. Tung, H. Hsieh, P.F. Kuo, C.-E. Chen, T.-M. Yang, C.-W.	Convolutional neural network-based fast seizure detection from video electroencephalograms	Biomedical Signal Processing and Control	10.1016/j.bspc.2022.104380	

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44	Chen, T.-Y. Lin, N.-Y. Wen, C.-H. Lin, C.-A. Venkatesan, P. Wijerathna, P. Lin, C.-Y. Lai, P.-S.	Development of triamcinolone acetone-hyaluronic acid conjugates with selective targeting and less osteoporosis effect for rheumatoid arthritis treatments	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2023.124047	Corresponding Author
45	Jiang, X.-Y. Kwon, E. Wen, J.-C. Bedia, J. Thanh, B.X. Ghotekar, S. Lee, J. Tsai, Y.-C. Ebrahimi, A. Lin, K.-Y.A.	Direct growth of nano-worm-like Cu ₂ S on copper mesh as a hierarchical 3D catalyst for Fenton-like degradation of an imidazolium room-temperature ionic liquid in water	Journal of Colloid and Interface Science	10.1016/j.jcis.2023.01.029	
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64	Lin, T.-I. Wang, W.-L.	Flexible modeling of multiple nonlinear longitudinal trajectories with censored and non-ignorable missing outcomes	Statistical Methods in Medical Research	10.1177/09622802221146312	First Author
65	Guo, J.-S. Hamel, F. Wu, C.-C.	Forced waves for a three-species predator-prey system with nonlocal dispersal in a shifting environment	Journal of Differential Equations	10.1016/j.jde.2022.11.039	Corresponding Author
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67	Suryantari, R. Shih, Y.-H. Shih, Y.-H. Chen, H.-Y. Wu, C.-S. Huang, C.-Y.	Formation of monodomain polymer-stabilized blue phase liquid crystals using surface acoustic waves	Optics Letters	10.1364/OL.475938	
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70	Liu, C.-N. Shih, H.-K. Chen, Y.-C. Chen, Y.-H. Cheng, W.-C. Cheng, W.-H.	High reliability and luminance of the color wheel by phosphor-in-inorganic silicone	Optical Materials Express	10.1364/OME.473011	First Author
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72	Liu, W.-J. Park, Y.-K. Bui, H.M. Huy, N.N. Lin, C.-H. Ghotekar, S. Wi-Afedzi, T. Lin, K.-Y.A.	Hofmann-MOF-derived CoFeNi nanoalloy@CNT as a magnetic activator for peroxymonosulfate to degrade benzophenone-1 in water	Journal of Alloys and Compounds	10.1016/j.jallcom.2022.165189	
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77	Ko, W.-Y. Lubis, A.L. Liu, Y.-Z. Sitindaon, R.S. Lin, K.-J.	Improved performance of supercapacitor and zinc-ion battery based on 3D architected porous manganese oxide-based nanosheets as binder-free electrodes	Journal of Materials Research	10.1557/s43578-022-00820-x	Corresponding Author
78	Chang, L.-W. Liao, J.-R.	Improving non-local means image denoising by correlation correction	Multidimensional Systems and Signal Processing	10.1007/s11045-022-00855-7	Corresponding Author

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80	Shen, Z.-X. Li, S.-Y.	Increasing the atom economy of glucose fermentation for bioethanol production in Rubisco-based engineered Escherichia coli	Bioresource Technology Reports	10.1016/j.biteb.2023.101370	Corresponding Author
81	Boonrattanakij, N. Puangsuwan, S. Vilando, A.C. Lu, M.-C.	Influence of coexisting EDTA, citrate, and chloride ions on the recovery of copper and cobalt from simulated wastewater using fluidized-bed homogeneous granulation process	Process Safety and Environmental Protection	10.1016/j.psep.2023.02.009	Corresponding Author
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83	Kong, Z.Y. Tsai, Y.-T. Sunarso, J. Adi, V.S.K.	Inherent flexibility design strategy of extractive distillation for binary azeotropic separation	Separation and Purification Technology	10.1016/j.seppur.2023.123344	Corresponding Author
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85	Wu, H.-D.I. Lin, R.-S. Hwang, W.-H. Huang, M.-L. Chen, B.-J. Yen, T.-C. Chao, D.-Y.	Integrating Citizen Scientist Data into the Surveillance System for Avian Influenza Virus, Taiwan	Emerging Infectious Diseases	10.3201/eid2901.220659	
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87	Yen, C.-C. Singh, A.K. Wu, P.-W. Chou, H.-Y. Wu, D.-S.	Interface engineering in epitaxial growth of sputtered β -Ga ₂ O ₃ films on Si substrates via TiN (111) buffer layer for Schottky barrier diodes	Materials Today Advances	10.1016/j.mtadv.2023.100348	Corresponding Author
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91	Li, J.-Y. Wey, M.-Y. Tseng, H.-H.	Low-temperature Cu/Zn/SBA-16 integrating carbon membrane reactor for hydrogen production and high CO conversion through water-gas shift reaction	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2022.11.199	Corresponding Author
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93	Chang, Y.-C. Chen, Y.-J. Chen, P.-Y. Chen, Y.-C. Maqbool, F. Ho, T.-Y. Chiang, Y.-Y.	Machine Learning for Two-Phase Flow Separation in a Liquid-Liquid Interface Manipulation Separator	ACS Applied Materials and Interfaces	10.1021/acsami.2c17291	Corresponding Author
94	Tsai, J.-L. Sun, C.-Y. Lin, J.-H. Huang, Y.-Y. Tsai, H.-T.	Magnetic Properties and Microstructure of FePt(BN, X, C) (X = Ag, Re) Films	Nanomaterials	10.3390/nano13030539	First Author, Corresponding Author
95	Huang, Y.-C. Chan, Y.-C.	Manipulating XXY Planar Platform Positioning Accuracy by Computer Vision Based on Reinforcement Learning	Sensors	10.3390/s23063027	First Author, Corresponding Author
96	Su, Y.-H. Lin, H.-C. Li, H.-Y. Lien, C.-H. Shih, Y.-H. Lai, C.-H.	Mannoside-Functionalized Silica Nanocomposite-Encapsulated Doxorubicin for MDA-MB-231 Cancer Cell Targeting and Delivery	ACS Applied Nano Materials	10.1021/acsanm.3c00722	Corresponding Author
97	Shim, H. Hwang, H.S. Jeong, W.-S. Toba, Y. Kim, M. Kim, D. Song, H. Hashimoto, T. Nakagawa, T. Nanni, A. Pearson, W.J. Takagi, T.	Metallicity-PAH Relation of MIR-selected Star-forming Galaxies in AKARI North Ecliptic Pole-wide Survey	Astronomical Journal	10.3847/1538-3881/aca09c	
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100	Cheng, Y.-H. Chang, S.-C. Lai, Y.-L. Hu, C.-C.	Microbiome reengineering by four environmental factors for the rapid biodegradation of trichloroethylene	Journal of Environmental Management	10.1016/j.jenvman.2022.116658	Corresponding Author
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106	Berekute, A.K. Yu, K.-P. Chuang, Y.-H. Lin, K.-Y.	Novel visible-light-induced P-doped g-C ₃ N ₄ /α-Bi ₂ O ₃ nanocomposite photocatalysts for enhanced degradation of refractory endocrine disruptors—benzophenones	Applied Surface Science	10.1016/j.apsusc.2022.154987	
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115	Huang, H.-L. Huang, C.-C. Su, C.-K.	Post-administration labeling with Palladium(II) ions enables ICP-MS-based determination of the biodistribution of carbonized nanogels	Analytica Chimica Acta	10.1016/j.aca.2023.341155	Corresponding Author
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128	Chiang, T.-H. Hsiao, H.-H.	Single drop analysis of mercury ions by rational design of peptide coated gold nanoparticles integrated with MALDI-MS measurement	Talanta	10.1016/j.talanta.2022.123913	Corresponding Author
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135	Wang, Z.-Y. Chang, H.-W. Tsai, Y.-C.	Synthesis of Bimetallic Ni-Co Phosphide Nanosheets for Electrochemical Non-Enzymatic H ₂ O ₂ Sensing	Nanomaterials	10.3390/nano13010066	Corresponding Author
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6	Wang, J. Liu, Y.-L.	Deep learning-based social media mining for user experience analysis: A case study of smart home products	Technology in Society	10.1016/j.techsoc.2023.102220	First Author, Corresponding Author
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21	Chen, C.-C. Huang, P.-H.	The effects of STEAM-based mobile learning on learning achievement and cognitive load	Interactive Learning Environments	10.1080/10494820.2020.1761838	First Author, Corresponding Author
22	Cheng, F.-F. Thongma, W. Wu, C.-S.	The Influence of Website Social Cues : A Cross-Culture Comparison	Journal of Computer Information Systems	10.1080/08874417.2022.2061640	First Author