

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

Agriculture and Life Sciences

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

Data source : SciVal – 27 April 2023

Agriculture and Life Sciences

No.	Authors	Title	Scopus Source title	DOI	Author / Affiliations
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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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
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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	
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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	
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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	
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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	
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