

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 : 20 April 2023~19 July 2023)

Data source : SciVal – 28 July 2023

Agriculture and Life Sciences

No.	Authors	Title	Scopus Source title	DOI	Authorship
1	Lin, Y.-Y. Kuan, C.-Y. Chang, C.-T. Chuang, M.-H. Syu, W.-S. Zhang, K.-L. Lee, C.-H. Lin, P.-C. Dong, G.-C. Lin, F.-H.	3D-Cultured Adipose-Derived Stem Cell Spheres Using Calcium-Alginate Scaffolds for Osteoarthritis Treatment in a Mono-Iodoacetate-Induced Rat Model	International Journal of Molecular Sciences	10.3390/ijms24087062	Corresponding Author
2	Chen, T.-Y.K. Wu, Y.-C. Hung, C.-Y. Capart, H. Voller, V.R.	A control volume finite-element model for predicting the morphology of cohesive-frictional debris flow deposits	Earth Surface Dynamics	10.5194/esurf-11-325-2023	
3	Ali, J. Yu, M. Sung, L.-K. Cheung, Y.-W. Lai, E.-M.	A glycine zipper motif is required for the translocation of a T6SS toxic effector into target cells	EMBO Reports	10.15252/embr.202356849	Corresponding Author
4	Hsieh, P.-C. Chen, Y.-C. Zheng, N.-C. Mangindaan, D. Chien, H.-W.	A low-cost and environmentally-friendly chitosan/spent coffee grounds composite with high photothermal properties for interfacial water evaporation	Journal of Industrial and Engineering Chemistry	10.1016/j.jiec.2023.06.019	
5	Chang, P.-H. Mukhopadhyay, R. Chen, C.-Y. Sarkar, B. Li, J. Tzou, Y.-M.	A mechanistic insight into the shrinkage and swelling of Ca-montmorillonite upon adsorption of chain-like ranitidine in an aqueous system	Journal of Colloid and Interface Science	10.1016/j.jcis.2022.11.104	
6	Chandra Mallick, B. Chang, H.-Y. Chen, G.-S.	A new method for characterizing piezoelectric properties of hexagonal boron nitride nanoflakes activated by focused ultrasound	Ultrasonics	10.1016/j.ultras.2023.107048	Corresponding Author
7	Chang, K.-H.	A novel Eulerian SPH shallow water model for 2D overland flow simulations	Journal of Hydrology	10.1016/j.jhydr ol.2023.129581	
8	Chen, J.-Y. Wu, C.-M. Chia, M.-Y. Huang, C. Chien, M.-S.	A prospective CSFV-PCV2 bivalent vaccine effectively protects against classical swine fever virus and porcine circovirus type 2 dual challenge and prevents horizontal transmission	Veterinary research	10.1186/s13567-023-01181-x	
9	Wang, Y.-C. Hsu, H.-T. Yen, H.-H.	A Rare Cause of Sister Mary Joseph Nodule	Clinical Gastroenterology and Hepatology	10.1016/j.cgh.2022.09.017	
10	Ahebwa, A. Hii, J. Neoh, K.-B. Chareonviriyaphap, T.	Aedes aegypti and Ae. albopictus (Diptera: Culicidae) ecology, biology, behaviour, and implications on arbovirus transmission in Thailand: Review	One Health	10.1016/j.onehl t.2023.100555	

No.	Authors	Title	Scopus Source title	DOI	Authorship
11	Huang, K.-C. Chang, Y.-T. Pranata, R. Cheng, Y.-H. Chen, Y.-C. Kuo, P.-C. Huang, Y.-H. Tzen, J.T.C. Chen, R.-J.	Alleviation of Hyperuricemia by Strictinin in AML12 Mouse Hepatocytes Treated with Xanthine and in Mice Treated with Potassium Oxonate	Biology	10.3390/biology12020329	Corresponding Author
12	Chin, C.-G. Hsieh, Y.-C. Lin, W.-S. Lin, Y.-J. Chiou, C.-W. Lin, T.-H. Huang, C.-L. Hung, Y. Lin, Y.-K. Chang, S.-L. Yeh, T.-C. Lee, H.-C. Lai, W.-T. Hsieh, M.-H.	An open-label randomized noninferior study of generic name and brand name of propafenone for rhythm control in patients with paroxysmal atrial fibrillation	Journal of the Chinese Medical Association	10.1097/JCMA.0000000000000903	
13	Yang, C.-C. Chen, T.-Y. Chen, W.-H. Tzeng, C.-Y. Huang, C.-W. Lin, R.-H. Kao, T.-H. Chen, H.-T. Chang, C.-C. Tsou, H.-K.	Anterior Bone Loss after Cervical Baguera C Disc versus Bryan Disc Arthroplasty	BioMed Research International	10.1155/2023/8010223	Corresponding Author
14	Chang, T.C. Chen, W.C. Huang, C.W. Lin, L.C. Lin, J.S. Cheng, F.Y.	Anti-fatigue activity of dripped spent hens chicken essence in ICR mice	Animal Bioscience	10.5713/ab.22.0172	
15	Lu, Y.-C. Song, S.-R. Liu, L.-W. Peng, T.-R. Chen, B.B.-C. Tu, R.K.-C. Lin, L.-H. Wang, P.-L.	Applicability of carbonate clumped isotope thermometry in the Tuchang-Jentse geothermal field	Geothermics	10.1016/j.geothermics.2023.102728	
16	Lai, Y.-T. Chen, C.-H. Lo, Y.-C. Hsieh, C.-W. Hsu, F.-C. Cheng, K.-C.	Application of aroma-producing yeasts and ageing technology in Kyoho-fortified wine	European Food Research and Technology	10.1007/s00217-023-04332-8	
17	Kao, C.-M. Chen, Y.-M. Huang, W.-N. Chen, Y.-H. Chen, H.-H.	Association between air pollutants and initiation of biological therapy in patients with ankylosing spondylitis: a nationwide, population-based, nested case-control study	Arthritis Research and Therapy	10.1186/s13075-023-03060-4	Corresponding Author
18	Wang, T.-Y. Lu, R.-B. Lee, S.-Y. Chang, Y.-H. Chen, S.-L. Tsai, T.-Y. Tseng, H.-H. Chen, P.S. Chen, K.C. Yang, Y.K. Hong, J.-S.	Association Between Inflammatory Cytokines, Executive Function, and Substance Use in Patients With Opioid Use Disorder and Amphetamine-Type Stimulants Use Disorder	The international journal of neuropsychopharmacology	10.1093/ijnp/pyac069	
19	Chiang, C.-H. Chang, Y.-J. He, S.-R. Chao, J.-N. Yang, C.-H. Liu, Y.-T.	Association of 25(OH)-Vitamin D and metabolic factors with colorectal polyps	PLoS ONE	10.1371/journal.pone.0286654	Corresponding Author
20	Lu, W.-Y. Lin, C.-W. Hsin, C.-H. Lee, C.-Y. Huang, J.-Y. Yang, S.-F. Lin, H.-Y.	Association of the nasopharyngeal carcinoma and the subsequent open glaucoma development: a nationwide cohort study	International Journal of Medical Sciences	10.7150/ijms.80837	Corresponding Author
21	Lee, C.-L. Liu, W.-J. Chen, C.-H. Wang, J.-S.	Associations of Long-Term Physical Activity Trajectories With All-Cause Mortality in a General Population	International Journal of Public Health	10.3389/ijph.2023.1605332	Corresponding Author

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22	Lee, K.-W. Chen, J.J.W. Wu, C.-S. Chang, H.-C. Chen, H.-Y. Kuo, H.-H. Lee, Y.-S. Chang, Y.-L. Chang, H.-C. Shiue, S.-Y. Wu, Y.-C. Ho, Y.-C. Chen, P.-W.	Auxin plays a role in the adaptation of rice to anaerobic germination and seedling establishment	Plant Cell and Environment	10.1111/pce.14434	
23	Chiu, C.-I. Ou, J.-H. Kuan, K.-C. Chen, C.-Y. Huang, Y.-T. Sripontan, Y. Li, H.-F.	Body size of fungus-growing termites infers on the volume and density of their fungal cultivar	Royal Society Open Science	10.1098/rsos.230126	Corresponding Author
24	Chen, C.-J. Hu, Y.-C. Chien, Y. Huang, W.-C. Wu, C.-S. Tsai, C.-Y. Lin, Y.-H. Lee, M.-S. Chien, C.-S. Yang, Y.-P. Lee, M.-C. Tseng, C.-C. Chi, H.-C.	Calreticulin Expression Controls Cellular Redox, Stemness, and Radiosensitivity to Function as a Novel Adjuvant for Radiotherapy in Neuroblastoma	Oxidative Medicine and Cellular Longevity	10.1155/2023/8753309	First Author
25	Lian, I.-B. Chiu, P.-F. Hsieh, Y.-C. Ou, Y.-H. Lin, C.-M.	Can chronic kidney disease staging early predict outcome of large-artery ischemic stroke with impaired renal function?	Therapeutic Advances in Chronic Disease	10.1177/20406223231153564	Corresponding Author
26	Chludzinski, E. Ciurkiewicz, M. Stoff, M. Klemens, J. Krüger, J. Shin, D.-L. Herrler, G. Beineke, A.	Canine Distemper Virus Alters Defense Responses in an Ex Vivo Model of Pulmonary Infection	Viruses	10.3390/v15040834	
27	Tsai, Y.-F. Yang, S.-C. Hsu, Y.-H. Chen, C.-Y. Chen, P.-J. Syu, Y.-T. Lin, C.-H. Hwang, T.-L.	Carnosic acid inhibits reactive oxygen species-dependent neutrophil extracellular trap formation and ameliorates acute respiratory distress syndrome	Life Sciences	10.1016/j.lfs.2022.121334	Corresponding Author
28	Kim, D.-W. Kim, S.-W. Camidge, D.R. Shu, C.A. Marrone, K.A. Le, X. Blakely, C.M. Park, K. Chang, G.-C. Patel, S.P. Kar, G. Cooper, Z.A. Samadani, R. Pluta, M. Kumar, R. Ramalingam, S.	CD73 Inhibitor Oleclumab Plus Osimertinib in Previously Treated Patients With Advanced T790M-Negative EGFR-Mutated NSCLC: A Brief Report	Journal of Thoracic Oncology	10.1016/j.jtho.2022.12.021	
29	Hsieh, P.-C. Wu, M.-C.	Changes in groundwater flow in an unconfined aquifer adjacent to a river under surface recharge	Hydrological Sciences Journal	10.1080/02626667.2023.2193295	First Author, Corresponding Author
30	Sitinjak, M.C. Chen, J.-K. Wang, C.-Y.	Characterization of novel cell-penetrating peptides derived from the capsid protein of beak and feather disease virus	Virus Research	10.1016/j.virusres.2023.199109	Corresponding Author
31	Tsai, D.-Y. Chen, J.-J. Su, P.-C. Liu, I.-M. Yeh, S.H.-H. Chen, C.-K. Cheng, H.-C. Chen, C.-F. Li, W.-H. Ng, C.S.	Chicken HOXC8 and HOXC10 genes may play a role in the altered skull morphology associated with the Crest phenotype	Journal of Experimental Zoology Part B: Molecular and Developmental Evolution	10.1002/jez.b.23194	

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32	Hsueh, C.-H. Chang, L.-W. Chiu, K.-Y. Hung, S.-C. Chen, J.-P. Li, J.-R.	Chronic kidney disease, preoperative use of antispasmodics and lower resected prostate volume ratios are risk factors for postoperative use of adrenergic Alpha-blockers and antispasmodics	PLoS ONE	10.1371/journal.pone.0282745	Corresponding Author
33	Chen, G.-Z. Chumngoen, W. Kaewkot, C. Sun, Y.-M. Tan, F.-J.	Combination of sensory evaluation with conventional physiochemical analyses to evaluate quality changes during long-term storage and estimate the shelf life of chicken eggs	British Poultry Science	10.1080/00071668.2023.2220113	Corresponding Author
34	Jiang, R.-S. Liang, K.-L.	Comparison of Bacteriology Between Eosinophilic and Noneosinophilic Chronic Rhinosinusitis With Nasal Polyps	Otolaryngology - Head and Neck Surgery (United States)	10.1002/ohn.237	Corresponding Author
35	Chuwatthanakhajorn, S. Chang, C.-S. Ganapathy, K. Tang, P.-C. Chen, C.-F.	Comparison of Immune-Related Gene Expression in Two Chicken Breeds Following Infectious Bronchitis Virus Vaccination	Animals	10.3390/ani13101642	Corresponding Author
36	Tung, K.-K. Tseng, W.-C. Wu, Y.-C. Chen, K.-H. Pan, C.-C. Lu, W.-X. Shih, C.-M. Lee, C.-H.	Comparison of radiographic and clinical outcomes between ALIF, OLIF, and TLIF over 2-year follow-up: a comparative study	Journal of Orthopaedic Surgery and Research	10.1186/s13018-023-03652-5	Corresponding Author
37	Zong, J.F. Lin, P.-J. Tsou, H.-H. Guo, Q. Liu, Y.-C. Xu, H. Twu, C.-W. Zheng, W. Jiang, R.-S. Liang, K.-L. Lin, T.-Y. Pan, J.J. Lin, S.J. Lin, J.-C.	Comparison the acute toxicity of two different induction chemotherapy schedules with cisplatin and fluorouracil in nasopharyngeal carcinoma patients	Radiotherapy and Oncology	10.1016/j.radonc.2023.109699	
38	Yayen, J. Chan, C. Sun, C.-M. Chiang, S.-F. Chiou, T.-J.	Conservation of land plant-specific receptor-like cytoplasmic kinase subfamily XI possessing a unique kinase insert domain	Frontiers in Plant Science	10.3389/fpls.2023.1117059	Corresponding Author
39	Weng, C.-H. Liao, C.-Y. Tzeng, J.-H. Chen, Y.-C. Anotai, J. Lin, Y.-T.	Constructing oxygen vacancy induced Fe-Mn-Cu mixed oxides for efficient catalytic combustion of ethylene	Applied Surface Science	10.1016/j.apsusc.2023.157555	Corresponding Author
40	Chen, W.-C. Li, J.-R. Wang, S.-S. Chen, C.-S. Cheng, C.-L. Hung, S.-C. Lin, C.-H. Chiu, K.-Y. Liao, P.-C.	Conventional androgen deprivation therapy is associated with an increased risk of fracture in advanced prostate cancer, a nationwide population-based study	PLoS ONE	10.1371/journal.pone.0279981	
41	Chou, C.-C. Shih, P.-J. Jou, T.-S. Hsu, M.-Y. Chen, J.-P. Hsu, R.-H. Lee, N.-C. Chien, Y.-H. Hwu, W.-L. Wang, I.-J.	Corneal Biomechanical Characteristics in Osteogenesis Imperfecta With Collagen Defect	Translational Vision Science and Technology	10.1167/tvst.12.1.14	First Author
42	Khumsupan, D. Lin, S.-P. Hsieh, C.-W. Santoso, S.P. Chou, Y.-J. Hsieh, K.-C. Lin, H.-W. Ting, Y. Cheng, K.-C.	Current and Potential Applications of Atmospheric Cold Plasma in the Food Industry	Molecules	10.3390/molecules28134903	

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43	Lee, T.-Y. Hsu, Y.-C. Ho, H.J. Lin, J.-T. Chen, Y.-J. Wu, C.-Y.	Daily aspirin associated with a reduced risk of hepatocellular carcinoma in patients with non-alcoholic fatty liver disease: a population-based cohort study	eClinicalMedicine	10.1016/j.eclinm.2023.102065	
44	Huang, S.-P. Lin, J.-W. Chou, C.-C. Liao, C.-P. Hsu, J.-Y. Tsai, J.-F. Liu, S.-L. Huang, W.-S.	Dances with wolves: The demographic consequence of asymmetric competition and intraguild predation in a native-invasive skink system	Functional Ecology	10.1111/1365-2435.14276	Corresponding Author
45	Chiu, Y.-C. Liao, P.-Q. Mejia, H.M. Lee, Y.-C. Chen, Y.-K. Yang, J.-Y.	Detection, Identification and Molecular Characterization of the 16SrII-V Subgroup Phytoplasma Strain Associated with Pisum sativum and Parthenium hysterophorus L.	Plants	10.3390/plants12040891	Corresponding Author
46	Yin, H.-Y. Liu, Y.-F. Lin, Y.-Y. Kao, T.-C. Tsai, W.-C. Wen, H.-W.	Development of a TaqMan real-time PCR assay with an internal amplification control for detecting trace amounts of allergenic mango (<i>Mangifera indica</i>) in commercial food products	European Food Research and Technology	10.1007/s00217-023-04310-0	First Author, Corresponding Author
47	Jin, Y. Wang, B. Bao, M. Li, Y. Xiao, S. Wang, Y. Zhang, J. Zhao, L. Zhang, H. Hsu, Y.-H. Li, M. Gu, L.	Development of an efficient expression system with large cargo capacity for interrogation of gene function in bamboo based on bamboo mosaic virus	Journal of Integrative Plant Biology	10.1111/jipb.13468	
48	Lee, Y.-C. Lai, G.-H. Lin, T.-Y. Tseng, T.-S. Tsai, T.-H. Chen, W.-C. Lee, C.-C. Tsai, K.-C.	Development of anti-aflatoxin B1 nanobodies from a novel mutagenesis-derived synthetic library for traditional Chinese medicine and foods safety testing	Journal of Biological Engineering	10.1186/s13036-023-00350-y	
49	Luo, H.-N. Wang, C.-C. Lin, Y.-C. Chuang, C.-Y. Tsou, Y.-A. Fu, J.-C. Yang, S.-S. Chang, C.-S. Lien, H.-C.	Distal Mean Nocturnal Baseline Impedance Predicts Pathological Reflux of Isolated Laryngopharyngeal Reflux Symptoms	Journal of Neurogastroenterology and Motility	10.5056/jnm22049	Corresponding Author
50	Syu, J.-N. Lin, H.-Y. Huang, T.Y. Lee, D.-Y. Chiang, E.-P.I. Tang, F.-Y.	Docosahexaenoic Acid Alleviates Trimethylamine-N-oxide-mediated Impairment of Neovascularization in Human Endothelial Progenitor Cells	Nutrients	10.3390/nu15092190	
51	Huang, T.-T. Chen, C.-M. Lin, S.-S. Lan, Y.-W. Cheng, H.-C. Choo, K.-B. Wang, C.-C. Huang, T.-H. Chong, K.-Y.	E7050 Suppresses the Growth of Multidrug-Resistant Human Uterine Sarcoma by Inhibiting Angiogenesis via Targeting of VEGFR2-Mediated Signaling Pathways	International Journal of Molecular Sciences	10.3390/ijms24119606	
52	Kuo, C.-E. Tu, Y.-K. Fang, S.-L. Huang, Y.-R. Chen, H.-W. Yao, M.-H. Kuo, B.-J.	Early detection of drought stress in tomato from spectroscopic data: A novel convolutional neural network with feature selection	Chemometrics and Intelligent Laboratory Systems	10.1016/j.chemolab.2023.104869	First Author, Corresponding Author

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53	Chu, W.-M. Tange, C. Nishita, Y. Tomida, M. Shimokata, H. Otsuka, R. Lee, M.-C. Arai, H.	Effect of different types of social support on physical frailty development among community-dwelling older adults in Japan: Evidence from a 10-year population-based cohort study	Archives of Gerontology and Geriatrics	10.1016/j.archger.2023.104928	First Author
54	Hsieh, M.-S. Chattopadhyay, A. Lu, T.-P. Liao, S.-H. Chang, C.-M. Lee, Y.-C. Lo, W.-E. Wu, J.-J. Hsieh, V.C.-R. Hu, S.-Y. How, C.-K.	Effect of end-stage kidney disease on the return of spontaneous circulation in Taiwanese adults with out-of-hospital cardiac arrest	Scientific Reports	10.1038/s41598-023-35024-8	
55	Chang, T.-S. Huang, C.-F. Kuo, H.-T. Lo, C.-C. Huang, C.-W. Chong, L.-W. Cheng, P.-N. Yeh, M.-L. Peng, C.-Y. Cheng, C.-Y. Huang, J.-F. Bair, M.-J. Lin, C.-L. Yang, C.-C. Wang, S.-J. Hsieh, T.-Y. Lee, T.-H. Lee, P.-L. Wu, W.-C. Lin, C.-L. Su, W.-W. Yang, S.-S. Wang, C.-C. Hu, J.-T. Mo, L.-R. Chen, C.-T. Huang, Y.-H. Chang, C.-C. Huang, C.-S. Chen, G.-Y. Kao, C.-N. Tai, C.-M. Liu, C.-J. Lee, M.-H. Tsai, P.-C. Dai, C.-Y. Kao, J.-H. Lin, H.-C. Chuang, W.-L. Chen, C.-Y. Tseng, K.-C. Hung, C.-H. Yu, M.-L.	Effectiveness and safety of 8-week glecaprevir/pibrentasvir in HCV treatment-naïve patients with compensated cirrhosis: real-world experience from Taiwan nationwide HCV registry	Hepatology International	10.1007/s12072-023-10506-z	
56	Liou, Y.-J. Wang, T.-Y. Lee, S.-Y. Chang, Y.-H. Tsai, T.-Y. Chen, P.S. Huang, S.-Y. Tzeng, N.-S. Lee, I.H. Chen, K.C. Yang, Y.K. Hong, J.-S. Lu, R.-B.	Effects of comorbid alcohol use disorder on bipolar disorder: Focusing on neurocognitive function and inflammatory markers	Psychoneuroendocrinology	10.1016/j.psyneuen.2023.106083	
57	Chiu, C.-H. Lin, M.-C. Wei, Y.-F. Chang, G.-C. Su, W.-C. Hsia, T.-C. Su, J. Wang, A.K.-F. Jen, M.-H. Puri, T. Shih, J.-Y.	Efficacy and Tolerability of Ramucirumab Plus Erlotinib in Taiwanese Patients with Untreated, Epidermal Growth Factor Receptor-Mutated, Stage IV Non-small Cell Lung Cancer in the RELAY Study	Targeted Oncology	10.1007/s11523-023-00975-5	
58	Tu, C.-K. Wang, P.-H. Lee, M.-H.	Endophytic Bacterium <i>Lysobacter firmicutimachus</i> Strain 5-7 Is a Promising Biocontrol Agent Against Rice Seedling Disease Caused by <i>Pythium arrhenomanes</i> in Nursery Trays	Plant Disease	10.1094/PDIS-05-22-1195-RE	Corresponding Author
59	Hung, S.-H.W. Huang, T.-C. Lai, Y.-C. Wu, I.-C. Liu, C.-H. Huarng, Y.-F. Hwang, H.-H. Chiang, E.-P.I. Kuo, C.-H. Huang, C.-C.	Endophytic Biostimulants for Smart Agriculture: <i>Burkholderia seminalis</i> 869T2 Benefits Heading Leafy Vegetables In-Field Management in Taiwan	Agronomy	10.3390/agronomy13040967	Corresponding Author
60	Nurjanah, I. Hsieh, L.-H.C. Chiang, Y.-H. Sean, W.-Y.	Energy saving in NMP (N-methyl-2-pyrrolidone) recovery process by numerical modeling	Environmental Technology and Innovation	10.1016/j.eti.2023.103218	Corresponding Author

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61	Wu, C.-F. Trac, L.V.T. Chen, S.-H. Menakanit, A. Le, Q.T. Tu, H.-M. Tsou, C.-P. Huang, H.-C. Chookoh, N. Weng, C.-C. Chou, L.-W. Chen, C.-C.	Enhancing human resilience beyond COVID-19-related stress: public responses to multi-benefits of home gardening	Scientific Reports	10.1038/s41598-023-37426-0	First Author, Corresponding Author
62	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	
63	Fan, H.-C. Chiang, K.-L. Chang, K.-H. Chen, C.-M. Tsai, J.-D.	Epilepsy and Attention Deficit Hyperactivity Disorder: Connection, Chance, and Challenges	International Journal of Molecular Sciences	10.3390/ijms24065270	Corresponding Author
64	Lin, W.-T. He, Y.-H. Lo, Y.-H. Chiang, Y.-T. Wang, S.-Y. Bezirganoglu, I. Kumar, K.J.S.	Essential Oil from <i>Glossogyne tenuifolia</i> Inhibits Lipopolysaccharide-Induced Inflammation-Associated Genes in Macro-Phage Cells via Suppression of NF- κ B Signaling Pathway	Plants	10.3390/plants12061241	Corresponding Author
65	Sutrisno, A.D. Chen, Y.-J. Suryawan, I.W.K. Lee, C.-H.	Establishing Integrative Framework for Sustainable Reef Conservation in Karimunjawa National Park, Indonesia	Water (Switzerland)	10.3390/w15091784	
66	Desheva, Y. Petkova, N. Losev, I. Guzhov, D. Go, A. Chao, Y.-C. Tsai, C.-H.	Establishment of a Pseudovirus Platform for Neuraminidase Inhibiting Antibody Analysis	International Journal of Molecular Sciences	10.3390/ijms24032376	Corresponding Author
67	Uematsu, K. Yang, M.-M. Amos, W. Foster, W.A.	Eusocial evolution without a nest: kin structure of social aphids forming open colonies on bamboo	Behavioral Ecology and Sociobiology	10.1007/s00265-023-03315-9	
68	Li, C.-H. Tu, Y.-C. Wen, M.-F. Tien, H.-J. Yen, H.E.	Exogenous myo -inositol increases salt tolerance and accelerates CAM induction in the early juvenile stage of the facultative halophyte <i>Mesembryanthemum crystallinum</i> but not in the late juvenile stage	Functional Plant Biology	10.1071/FP22285	Corresponding Author
69	Lu, C.-F. Cheng, C.-Y.	Exploring the distribution of organic farming: Findings from certified rice in Taiwan	Ecological Economics	10.1016/j.ecolecon.2023.107915	Corresponding Author
70	Chang, C.-K. Hou, C.-Y. Cheng, K.-C. Chen, Y.-C. Hazeena, S.H. Yudhistira, B. Chen, M.-H. Tsai, S.-Y. Chou, S.-Y. Hsu, H.-Y. Hsieh, C.-W.	Exploring the potential of alternative current electric field treatment for preservation and the tissue softening mechanism in <i>Pleurotus ostreatus</i>	Scientia Horticulturae	10.1016/j.scienta.2023.112284	First Author, Corresponding Author

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71	Tseng, C.-H. Liu, C.-W. Liu, P.-Y.	Extended-Spectrum β -Lactamases (ESBL) Producing Bacteria in Animals	Antibiotics	10.3390/antibiotics12040661	Corresponding Author
72	Chang, Y.-X. Wang, C.-F. Chang, C.-J. Lu, C.-H. Chen, J.-K.	Fabrication of scalable poly(N-isopropylacrylamide)/gold nanoparticles composite ring array as LSPR sensor for label-free biosensor application	Sensors and Actuators B: Chemical	10.1016/j.snb.2022.132875	Corresponding Author
73	Liu, Z.-S. Chen, P.-W.	Featured Prebiotic Agent: The Roles and Mechanisms of Direct and Indirect Prebiotic Activities of Lactoferrin and Its Application in Disease Control	Nutrients	10.3390/nu15122759	Corresponding Author
74	Gavahian, M. Bannikoppa, A.M. Majzoobi, M. Hsieh, C.-W. Lin, J. Farahnaky, A.	Fenugreek bioactive compounds: A review of applications and extraction based on emerging technologies	Critical Reviews in Food Science and Nutrition	10.1080/10408398.2023.2221971	
75	Wu, C.-C. Shen, Y.-M. Teng, Y.-C. Chung, W.-H.	First report of lisianthus wilt caused by <i>Fusarium oxysporum</i> f. sp. <i>eustomae</i> in Taiwan	Crop Protection	10.1016/j.cropro.2023.106298	Corresponding Author
76	Morshed, S.M. Chen, Y.-Y. Lin, C.-H. Chen, Y.-P. Lee, T.-H.	Freshwater transfer affected intestinal microbiota with correlation to cytokine gene expression in Asian sea bass	Frontiers in Microbiology	10.3389/fmicb.2023.1097954	Corresponding Author
77	Tsao, J.-P. Bernard, J.R. Tu, T.-H. Hsu, H.-C. Chang, C.-C. Liao, S.-F. Cheng, I.-S.	Garlic supplementation attenuates cycling exercise-induced oxidative inflammation but fails to improve time trial performance in healthy adults	Journal of the International Society of Sports Nutrition	10.1080/15502783.2023.2206809	Corresponding Author
78	Huang, S.-C. Wu, W.-J. Lee, Y.-J. Tsai, M.-S. Yan, X.-Z. Lin, H.-C. Lai, P.-Y. Wang, K.-T. Liao, J.-W. Tsai, J.-C. Wang, S.-H.	Gastroprotective effects of <i>Machilus zuihoensis</i> Hayata bark against acidic ethanol-induced gastric ulcer in mice	Journal of Traditional and Complementary Medicine	10.1016/j.jtcme.2023.05.006	
79	Shi, J. Shiraishi, K. Choi, J. Matsuo, K. Chen, T.-Y. Dai, J. Hung, R.J. Chen, K. Shu, X.-O. Kim, Y.T. Landi, M.T. Lin, D. Zheng, W. Yin, Z. Zhou, B. Song, B. Wang, J. Seow, W.J. Song, L. Chang, I.-S. Hu, W. Chien, L.-H. Cai, Q. Hong, Y.-C. Kim, H.N. Wu, Y.-L. Wong, M.P. Richardson, B.D. Funderburk, K.M. Li, S. Zhang, T. Breeze, C. Wang, Z. Blechter, B. Bassig, B.A. Kim, J.H. Albanes, D. Wong, J.Y.Y. Shin, M.-H. Chung, L.P. Yang, Y. An, S.-J. Zheng, H. Yatabe, Y. Zhang, X.-C. Kim, Y.-C. Caporaso, N.E. Chang, J. Ho, J.C.M. Kubo, M. Daigo, Y. Song, M. Momozawa, Y. Kamatani, Y. Kobayashi, M. Okubo, K. Honda, T. Hosgood,	Genome-wide association study of lung adenocarcinoma in East Asia and comparison with a European population	Nature Communications	10.1038/s41467-023-38196-z	

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80	Bohrmann, G. Berndt, C. Lin, S. Tu, T.-H. Lin, A.T. Hsu, H.-H. Lai, M.-C. Chi, W.-C. Deusner, C. Elger, J. Wallmann, K. Freudenthal, T. Mau, S. Pape, T. Tseng, Y.-T. Yu, P.-S. Fan, L.-F. Chen, J.-N. Chen, S.-C. Chen, T.-T. Wei, K.-Y.	Geological controls on the distribution of gas hydrates in the shallow parts of the gas hydrate stability zone – constraints from seafloor drilling off Taiwan	Marine and Petroleum Geology	10.1016/j.marpetgeo.2023.106253	
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82	Nair, R.M. Boddepalli, V.N. Yan, M.-R. Kumar, V. Gill, B. Pan, R.S. Wang, C. Hartman, G.L. Silva e Souza, R. Somta, P.	Global Status of Vegetable Soybean	Plants	10.3390/plants12030609	
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84	Hsiao, T.-H. Chen, P.-H. Wang, P.-H. Brandon-Mong, G.-J. Li, C.-W. Horinouchi, M. Hayashi, T. Ismail, W. Meng, M. Chen, Y.-L. Chiang, Y.-R.	Harnessing microbial phylum-specific molecular markers for assessment of environmental estrogen degradation	Science of the Total Environment	10.1016/j.scitotenv.2023.165152	
85	Lin, H.-C. Chang, H.-M. Hung, Y.-M. Chang, R. Chen, H.-H. Wei, J.C.-C.	Hashimoto's thyroiditis increases the risk of new-onset systemic lupus erythematosus: a nationwide population-based cohort study	Arthritis Research and Therapy	10.1186/s13075-023-02999-8	Corresponding Author
86	Lee, C.-H. Su, T.-C. Lee, M.-S. Hsu, C.-S. Yang, R.-C. Kao, J.-K.	Heat shock protein 70 protects the lungs from hyperoxic injury in a neonatal rat model of bronchopulmonary dysplasia	PLoS ONE	10.1371/journal.pone.0285944	Corresponding Author
87	Lu, L.-Y. Ou, J.-H. Hui, R.C.-Y. Chuang, Y.-H. Fan, Y.-C. Sun, P.-L.	High Diversity of Fusarium Species in Onychomycosis: Clinical Presentations, Molecular Identification, and Antifungal Susceptibility	Journal of Fungi	10.3390/jof9050534	
88	Lin, Y.-C. Lu, Y.-H. Tang, C.-K. Yang, E.-C. Wu, Y.-L.	Honey bee foraging ability suppressed by imidacloprid can be ameliorated by adding adenosine	Environmental Pollution	10.1016/j.envpol.2023.121920	
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92	Fan, C.-T. Hsu, S.-T. Sun, L. Hwang, S.-F. Liu, C.-K. Shih, Y.-H. Chen, M.-J. Li, H.-N. Wang, J.-S. Wen, M.-C. Lu, C.-H.	Improved Progression-Free Survival Associated with Tumor-Infiltrating Lymphocytes in High-Grade Endometrial Cancer	Journal of Clinical Medicine	10.3390/jcm12020603	Corresponding Author
93	Fang, Z.-Q. Liao, Y.-C. Lee, S. Yang, M.-M. Chu, C.-C.	Infection patterns of 'Candidatus Liberibacter europaeus' in Cacopsylla oluanpiensis, a psyllid pest of Pittosporum pentandrum	Journal of Invertebrate Pathology	10.1016/j.jip.2023.107959	Corresponding Author
94	Tseng, C.-H. Huang, Y.-T. Mao, Y.-C. Lai, C.-H. Yeh, T.-K. Ho, C.-M. Liu, P.-Y.	Insight into the Mechanisms of Carbapenem Resistance in Klebsiella pneumoniae: A Study on IS26 Integrons, Beta-Lactamases, Porin Modifications, and Plasmidome Analysis	Antibiotics	10.3390/antibiotics12040749	Corresponding Author
95	Wang, W.-H. Hsu, W.-S.	Integrating Artificial Intelligence and Wearable IoT System in Long-Term Care Environments	Sensors	10.3390/s23135913	First Author
96	Li, C.-R. Shen, C.-C. Tsuei, Y.-S. Chen, W.-H. Lee, C.-H.	Intraoperative DSA-guided minimal approach for craniocervical junction DAVFs obliteration	Acta Neurochirurgica	10.1007/s00701-023-05585-8	
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98	Liao, T.-C. Chen, C.-T. Wang, M.-C. Ou, S.-L. Tzen, J.T.C. Yang, C.-Y.	Isolation and Molecular Characterization of Two Arabinosyltransferases in Response to Abiotic Stresses in Sijichun Tea Plants (Camellia sinensis L.)	Agronomy	10.3390/agronomy13061476	Corresponding Author
99	Chou, C.-H. Chai, J.-W. Wang, L.-C. Fu, J. Lin, Y.-S. Chang, P.-J. Chen, W.-H.	Lesion size of early cerebral infarction on a Non-Contrast CT influences detection ability in Cascade Mask Region-Convolutional neural networks	Biomedical Signal Processing and Control	10.1016/j.bspc.2023.105065	First Author, Corresponding Author
100	Chiu, H.-Y. Lan, J.-L. Chiu, Y.-M.	Lifetime risk, life expectancy, loss-of-life expectancy, and lifetime healthcare expenditures for psoriasis in Taiwan: a nationwide cohort followed from 2000 to 2017	Therapeutic Advances in Chronic Disease	10.1177/20406223231168488	Corresponding Author

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105	Chang, C.-Y. Hung, Y.-C. Chen, W.-L. Huang, Y.-I.	Mechanism Optimization of the Clamping and Cutting Arrangement Device for Solanaceae Scion and Stock Seedlings	Applied Sciences (Switzerland)	10.3390/app13031548	
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108	Hsu, C.-F. Chen, Y.-J. Chang, K.-I.	Modeling Import Demand for Fishery Products in Japan: A Dynamic AIDS Approach	Marine Resource Economics	10.1086/723729	Corresponding Author
109	Cheng, H.-W. Lin, T.-T. Huang, C.-H. Raja, J.A.J. Yeh, S.-D.	Modification of Papaya Ringspot Virus HC-Pro to Generate Effective Attenuated Mutants for Overcoming the Problem of Strain-Specific Cross Protection	Plant Disease	10.1094/PDIS-05-22-1130-RE	First Author, Corresponding Author
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111	Chang, Y.-Y. Liu, H.-C. Chen, C.-F.	Monitoring changes in the genetic structure of Brown Tsaiya duck selected for feeding efficiency by microsatellite markers	Animal Bioscience	10.5713/ab.22.0213	Corresponding Author

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114	Chang, T.-Y. Lan, K.-C. Wu, C.-H. Sheu, M.-L. Yang, R.-S. Liu, S.-H.	N ϵ -(1-Carboxymethyl)-L-lysine, an advanced glycation end product, exerts malignancy on chondrosarcoma via the activation of cancer stemness	Archives of Toxicology	10.1007/s00204-023-03539-8	
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121	Wang, Y.-M. Shen, H.-W. Chen, T.-J.	Performance of ChatGPT on the pharmacist licensing examination in Taiwan	Journal of the Chinese Medical Association : JCMA	10.1097/JCMA.0000000000000942	
122	Tseng, H.-J. Chen, W.-C. Kuo, T.-F. Yang, G. Feng, C.-S. Chen, H.-M. Chen, T.-Y. Lee, T.-H. Yang, W.-C. Tsai, K.-C. Huang, W.-J.	Pharmacological and mechanistic study of PS1, a Pdia4 inhibitor, in β -cell pathogenesis and diabetes in db/db mice	Cellular and Molecular Life Sciences	10.1007/s00018-022-04677-5	Corresponding Author

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123	Chen, C.-I. Lin, K.-H. Huang, M.-Y. Yao, K.-Y. Huang, C.-C. Lin, T.-C. Chu, E.-L. Yang, J.-D. Wang, C.-W.	Photo-protection and photo-inhibition during light induction in <i>Barbula indica</i> and <i>Conocephalum conicum</i> under different light gradients	Photosynthesis Research	10.1007/s11120-023-01030-0	
124	Huang, Y.-N. Chen, S.-Y. Lin, J.-A. Chiang, I.-C. Yen, G.-C.	<i>Phyllanthus emblica</i> L. extract alleviates leptin resistance and lipid accumulation by inhibiting methylglyoxal production	Food Bioscience	10.1016/j.fbio.2023.102619	Corresponding Author
125	Wu, C.-Y. Liang, L.-L. Ho, H.J. Hsu, C.-T. Hsu, H.-T. Ao, C.-K. Wu, C.-Y. Lin, Y.-H. Chuang, Y.-F. Hsu, Y.-C. Chen, Y.-J. Ng, S.C.	Physical Fitness and Inflammatory Bowel Disease Risk among Children and Adolescents in Taiwan	JAMA Pediatrics	10.1001/jamapediatrics.2023.0929	
126	Huang, S.-Y. Gao, W.-N. Chou, C.-M. Hsiao, V.K.S.	Porous silicon decorated with Au/TiO ₂ nanocomposites for efficient photoinduced enhanced Raman spectroscopy	RSC Advances	10.1039/d3ra02598e	Corresponding Author
127	Hou, C.-Y. Hazeena, S.H. Li, P.-X. Hsieh, S.-L. Hsieh, C.-W. Chen, M.-H. Shih, M.-K. Yu, M.-C. Liang, Y.-S.	Postharvest quality and prolong storage time of atemoya (<i>Annona squamosa</i> x <i>A. cherimola</i> hybrids) fruit: coating with D-limonene nanoemulsion edible film	International Journal of Food Properties	10.1080/10942912.2023.2199170	
128	Chen, Y.-T. Lin, C.-W. Chou, Y.-E. Su, S.-C. Chang, L.-C. Lee, C.-Y. Hsieh, M.-J. Yang, S.-F.	Potential impact of ADAM-10 genetic variants with the clinical features of oral squamous cell carcinoma	Journal of Cellular and Molecular Medicine	10.1111/jcmm.17728	Corresponding Author
129	Yen, T.-M. Sun, P.-K. Li, L.-E.	Predicting Aboveground Biomass and Carbon Storage for Ma Bamboo (<i>Dendrocalamus latiflorus</i> Munro) Plantations	Forests	10.3390/f14040854	First Author, Corresponding Author
130	Yen, T.-M.	Predicting aboveground biomass yield for moso bamboo (<i>Phyllostachys pubescens</i>) plantations based on the diameter distribution model	European Journal of Forest Research	10.1007/s10342-023-01596-3	Corresponding Author
131	Chang, Y.-C. Wu, M.-C. Wu, H.-J. Liao, P.-L. Wei, J.C.-C.	Prenatal and early-life antibiotic exposure and the risk of atopic dermatitis in children: A nationwide population-based cohort study	Pediatric Allergy and Immunology	10.1111/pai.13959	
132	Chiang, C.-Y. Chen, C.-H. Feng, J.-Y. Chiang, Y.-J. Huang, W.-C. Lin, Y.-J. Huang, Y.-W. Wu, H.-H. Lee, P.-H. Lee, M.-C. Shu, C.-C. Wang, H.-H. Wang, J.-Y. Wu, M.-Y. Lee, C.-Y. Wu, M.-S.	Prevention and management of tuberculosis in solid organ transplantation: A consensus statement of the transplantation society of Taiwan	Journal of the Formosan Medical Association	10.1016/j.jfma.2023.04.025	
133	Chen, C.-H. Wei, K.-C. Liao, W.-C. Lin, Y.-Y. Chen, H.-C. Feng, L.-Y. Liu, C.-H. Huang, C.-Y. Chen, K.-T. Wu, C.-S. Chang, Y.-S. Yu, J.-S. Chang, I.Y.-F.	Prognostic value of an APOBEC3 deletion polymorphism for glioma patients in Taiwan	Journal of Neurosurgery	10.3171/2022.7.JNS2250	

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135	Lai, K.-M. Chen, S.-Y. Wang, G.-Y. Shahidi, F. Yen, G.-C.	Protective effect of rosmarinic acid-rich extract from <i>Trichodesma khasianum</i> Clarke against microbiota dysbiosis in high-fat diet-fed obese mice	Food Research International	10.1016/j.foodres.2022.112344	
136	Goh, R.-P. Xie, X.-Y. Lin, Y.-C. Cheng, H.-W. Raja, J.A.J. Yeh, S.-D.	Rapid selection of potyviral cross-protection effective mutants from the local lesion host after nitrous acid mutagenesis	Molecular Plant Pathology	10.1111/mpp.13346	Corresponding Author
137	Tan, L.-P. Chen, M.-E.	Regulation of Aquaporin Prip Expression and Its Physiological Function in <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae)	Insects	10.3390/insects14010070	Corresponding Author
138	Chang, S.C. Lin, M.J. Lin, L.J. Peng, S.Y. Lee, T.T.	Relationship between the abdominal sagging index and the reproductive performance of the Roman goose	Animal Bioscience	10.5713/ab.22.0230	Corresponding Author
139	Xu, A. Liu, M. Huang, M.-F. Zhang, Y. Hu, R. Gingold, J.A. Liu, Y. Zhu, D. Chien, C.-S. Wang, W.-C. Liao, Z. Yuan, F. Hsu, C.-W. Tu, J. Yu, Y. Rosen, T. Xiong, F. Jia, P. Yang, Y.-P. Bazer, D.A. Chen, Y.-W. Li, W. Huff, C.D. Zhu, J.-J. Aguilo, F. Chiou, S.-H. Boles, N.C. Lai, C.-C. Hung, M.-C. Zhao, Z. Van Nostrand, E.L. Zhao, R. Lee, D.-F.	Rewired m6A epitranscriptomic networks link mutant p53 to neoplastic transformation	Nature Communications	10.1038/s41467-023-37398-9	
140	Yen, T.-H. Wang, S.-S. Yang, C.-K. Lu, K. Chen, C.-S. Cheng, C.-L. Hung, S.-C. Chiu, K.-Y. Chen, C.P. Yang, C.-R. Li, J.-R.	Risk analysis of subsequent therapies after first-line chemotherapy in advanced testicular cancer patients	Journal of the Chinese Medical Association : JCMA	10.1097/JCMA.0000000000000938	
141	Chu, W.-M. Ho, H.-E. Lin, Y.-L. Li, J.-Y. Lin, C.-F. Chen, C.-H. Shieh, G.-J. Chan, W.-C. Tsan, Y.-T.	Risk Factors Surrounding an Increase in Burnout and Depression Among Health Care Professionals in Taiwan During the COVID-19 Pandemic	Journal of the American Medical Directors Association	10.1016/j.jamda.2022.12.010	First Author
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187	Hsieh, C.-C. Su, Y.-C. Jiang, K.-Y. Ito, T. Li, T.-W. Kaku-Ito, Y. Cheng, S.-T. Chen, L.-T. Hwang, D.-Y. Shen, C.-H.	TRPM1 promotes tumor progression in acral melanoma by activating the Ca ²⁺ /CaMKII δ /AKT pathway	Journal of Advanced Research	10.1016/j.jare.2022.03.005	Corresponding Author

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