

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

(Time periods of data used : 20 April 2023~19 July 2023)

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1 、 Agriculture and Life Sciences

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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.psychneuen.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	

No.	Authors	Title	Scopus Source title	DOI	Authorship
	<p>D.H. Kunitoh, H. Patel, H. Watanabe, S.-I. Miyagi, Y. Nakayama, H. Matsumoto, S. Horinouchi, H. Tsuboi, M. Hamamoto, R. Goto, K. Ohe, Y. Takahashi, A. Goto, A. Minamiya, Y. Hara, M. Nishida, Y. Takeuchi, K. Wakai, K. Matsuda, K. Murakami, Y. Shimizu, K. Suzuki, H. Saito, M. Ohtaki, Y. Tanaka, K. Wu, T. Wei, F. Dai, H. Machiela, M.J. Su, J. Kim, Y.H. Oh, I.-J. Lee, V.H.F. Chang, G.-C. Tsai, Y.-H. Chen, K.-Y. Huang, M.-S. Su, W.-C. Chen, Y.-M. Seow, A. Park, J.Y. Kweon, S.-S. Chen, K.-C. Gao, Y.-T. Qian, B. Wu, C. Lu, D. Liu, J. Schwartz, A.G. Houlston, R. Spitz, M.R. Gorlov, I.P. Wu, X. Yang, P. Lam, S. Tardon, A. Chen, C. Bojesen, S.E. Johansson, M. Risch, A. Bickeböller, H. Ji, B.-T. Wichmann, H.-E. Christiani, D.C. Rennert, G. Arnold, S. Brennan, P. McKay, J. Field, J.K. Shete, S.S. Le Marchand, L. Liu, G. Andrew, A. Kiemeny, L.A. Zienolddiny-Narui, S. Grankvist, K. Johansson, M. Cox, A. Taylor, F. Yuan, J.-M. Lazarus, P. Schabath, M.B. Aldrich, M.C. Jeon, H.-S. Jiang, S.S. Sung, J.S. Chen, C.-H. Hsiao, C.-F. Jung, Y.J. Guo, H. Hu, Z. Burdett, L. Yeager, M. Hutchinson, A. Hicks, B. Liu, J. Zhu, B. Berndt, S.I. Wu, W. Wang, J. Li, Y. Choi, J.E. Park, K.H. Sung, S.W. Liu, L. Kang, C.H. Wang, W.-C. Xu, J. Guan, P. Tan, W. Yu, C.-J. Yang, G. Sihoe, A.D.L. Chen, Y. Choi, Y.Y. Kim, J.S. Yoon, H.-I. Park, I.K. Xu, P. He, Q. Wang, C.-L. Hung, H.-H. Vermeulen, R.C.H. Cheng, I. Wu, J. Lim, W.-Y. Tsai, F.-Y. Chan, J.K.C. Li, J. Chen, H. Lin, H.-C. Jin, L. Liu, J. Sawada, N. Yamaji, T. Wyatt, K. Li, S.A. Ma, H. Zhu, M. Wang, Z. Cheng, S. Li, X. Ren, Y. Chao, A. Iwasaki, M. Zhu, J. Jiang, G. Fei, K. Wu, G. Chen, C.-Y. Chen, C.-J. Yang, P.-C. Yu, J. Stevens, V.L. Fraumeni, J.F. Chatterjee, N. Gorlova, O.Y. Hsiung, C.A. Amos, C.I. Shen, H. Chanock, S.J. Rothman, N. Kohno, T. Lan, Q.</p>				

No.	Authors	Title	Scopus Source title	DOI	Authorship
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	
81	Chang, L.-W. Hung, S.-C. Chen, C.-S. Li, J.-R. Chiu, K.-Y. Wang, S.-S. Yang, C.-K. Lu, K. Chen, C.-C. Wang, S.-C. Lin, C.-Y. Cheng, C.-L. Ou, Y.-C. Yang, S.-F.	Geriatric nutritional risk index as a prognostic marker for patients with upper tract urothelial carcinoma receiving radical nephroureterectomy	Scientific Reports	10.1038/s41598-023-31814-2	
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	
83	Tsai, M.-F. Huang, C.-Y. Nargotra, P. Tang, W.-R. Liao, K.-T. Lee, Y.-C. Lin, C.-M. Lin, C. Shieh, C.-J. Kuo, C.-H.	Green extraction and purification of chondroitin sulfate from jumbo squid cartilage by a novel procedure combined with enzyme, ultrasound and hollow fiber dialysis	Journal of Food Science and Technology	10.1007/s13197-023-05701-7	
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	
89	Lin, H.-W. Liu, W.-Y.	How to enhance the food self-sufficiency rate of Taiwan? Applying the theory of planned behavior to decision making for food away from home	Journal of Agriculture and Food Research	10.1016/j.jafr.2023.100629	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
90	Wu, C.-H. Lai, C.-L. Teng, C.-L.J. Fang, W.-L. Huang, K.-H. Fen-Yau Li, A. Yu, H.-Y. Chiang, N.-J. Chao, Y. Hung, Y.-P. Chen, M.-H.	Immunoprofile of adenosquamous carcinoma in gastric cancer	Journal of the Chinese Medical Association	10.1097/JCMA.0000000000000922	
91	Chang, T.-G. Yen, T.-T. Wei, C.-Y. Hsiao, T.-H. Chen, I.-C.	Impacts of ADH1B rs1229984 and ALDH2 rs671 polymorphisms on risks of alcohol-related disorder and cancer	Cancer Medicine	10.1002/cam4.4920	Corresponding Author
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	
97	Wang, Y.-X. Chang, C.-J. Lu, C.-H. Chen, J.-K.	Iron carbonyl polymer microspheres for simultaneously high-speed adsorption and desorption of dye-emulsified micelles with frequency manipulation under an alternating electric field	Chemical Engineering Journal	10.1016/j.cej.2023.143877	Corresponding Author
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

No.	Authors	Title	Scopus Source title	DOI	Authorship
101	Chen, J.-J. Wu, Y.-C. Wang, J.-S. Lee, C.-H.	Liposomal bupivacaine administration is not superior to traditional periarticular injection for postoperative pain management following total knee arthroplasty: a meta-analysis of randomized controlled trials	Journal of Orthopaedic Surgery and Research	10.1186/s13018-023-03699-4	Corresponding Author
102	Wang, Y. Lo, T.-T. Wang, L. Hsu, S.-T. Hwang, S.-F. Lu, C.-H. Sun, L.	Long-Term Efficacy and Toxicity of Intensity-Modulated Radiotherapy in Bulky Cervical Cancer	International Journal of Environmental Research and Public Health	10.3390/ijerph20021161	
103	Hsieh, H.-Y. Lu, C.-H. Wang, L.	Long-term treatment outcomes/toxicities of definite chemoradiotherapy (intensity-modulated radiation therapy) for early-stage “bulky” cervical cancer and survival impact of histological subtype	Journal of the Formosan Medical Association	10.1016/j.jfma.2022.10.012	Corresponding Author
104	Charng, Y.-Y. Mitra, S. Yu, S.-J.	Maintenance of abiotic stress memory in plants: Lessons learned from heat acclimation	Plant Cell	10.1093/plcell/koc313	First Author, Corresponding Author
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	
106	Liao, W.-N. You, M.-S. Ulhaq, Z.S. Li, J.-P. Jiang, Y.-J. Chen, J.-K. Tse, W.K.F.	Micro-CT analysis reveals the changes in bone mineral density in zebrafish craniofacial skeleton with age	Journal of Anatomy	10.1111/joa.13780	
107	Cheng, Y.-T. Nakagawa-Goto, K. Lee, K.-H. Shyur, L.-F.	MicroRNA-Mediated Mitochondrial Dysfunction Is Involved in the Anti-triple-Negative Breast Cancer Cell Activity of Phytos sesquiterpene Lactones	Antioxidants and Redox Signaling	10.1089/ars.2021.0251	Corresponding Author
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
110	Tran, T.-T.-Y. Cheng, H.-W. Nguyen, V.-H. Yeh, S.-D.	Modification of the Helper Component Proteinase of Papaya Ringspot Virus Vietnam Isolate to Generate Attenuated Mutants for Disease Management by Cross Protection	Phytopathology	10.1094/PHYTO-05-22-0168-R	Corresponding Author
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

No.	Authors	Title	Scopus Source title	DOI	Authorship
112	Chen, C.-M. Lee, J.H. Yang, M.-Y. Jhang, S.-W. Chang, K.-S. Ou, S.-W. Sun, L.-W. Chen, K.-T.	Navigation-Assisted Full-Endoscopic Radiofrequency Rhizotomy Versus Fluoroscopy-Guided Cooled Radiofrequency Ablation for Sacroiliac Joint Pain Treatment: Comparative Study	Neurospine	10.14245/ns.2346058.029	
113	Wang, Y.-L. Chang, C.-Y. Hsu, N.-S. Lo, I.-W. Lin, K.-H. Chen, C.-L. Chang, C.-F. Wang, Z.-C. Ogasawara, Y. Dairi, T. Maruyama, C. Hamano, Y. Li, T.-L.	N-Formimidoylation/-iminoacetylation modification in aminoglycosides requires FAD-dependent and ligand-protein NOS bridge dual chemistry	Nature Communications	10.1038/s41467-023-38218-w	Corresponding Author
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	
115	Li, Y.-C. Lin, J.-Y. Hsu, W.-H. Kung, C.-T. Dai, S.-Y. Yang, J.-Y. Tan, C.-M. Yang, C.-H.	OAF is a DAF-like gene that controls ovule development in plants	Communications Biology	10.1038/s42003-023-04864-5	Corresponding Author
116	Lu, C.-Y. Kuo, C.-H. Kuo, W.-W. Hsieh, D.J.-Y. Wang, T.-F. Shih, C.-Y. Lin, P.-Y. Lin, S.-Z. Ho, T.-J. Huang, C.-Y.	Ohwia caudata extract relieves the IL-17A-induced inflammatory response of synoviocytes through modulation of SOCS3 and JAK2/STAT3 activation	Environmental Toxicology	10.1002/tox.23818	First Author
117	Peng, H. Yen, G.-C. Shahidi, F.	Optimized enzymatic synthesis of (epi)gallocatechin (EGC) monolaurate and the antioxidant evaluation of its ester analogs	Food Bioscience	10.1016/j.fbio.2023.102553	
118	Chiou, W.-C. Huang, G.-J. Chang, T.-Y. Hsia, T.-L. Yu, H.-Y. Lo, J.-M. Fu, P.-K. Huang, C.	Ovatodiolide inhibits SARS-CoV-2 replication and ameliorates pulmonary fibrosis through suppression of the TGF- β /T β Rs signaling pathway	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2023.114481	Corresponding Author
119	Chou, P.-A. Bain, A. Chantarasuwan, B. Tzeng, H.-Y.	Parasitism Features of a Fig Wasp of Genus Apocrypta (Pteromalidae: Pteromalinae) Associated with a Host Belonging to Ficus Subgenus Ficus	Insects	10.3390/insects14050437	Corresponding Author
120	Huang, C.-Y. Lin, F.-Y. Chang, C.-J. Lu, C.-H. Chen, J.-K.	Performance Enhancement of Electrochemiluminescence with the Immunosensor Controlled Using Magnetized Masks for the Determination of Epithelial Cancer Biomarker EpCAM	Analytical Chemistry	10.1021/acs.analchem.2c03127	Corresponding Author
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

No.	Authors	Title	Scopus Source title	DOI	Authorship
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	

No.	Authors	Title	Scopus Source title	DOI	Authorship
134	Lien, H.-M. Lin, H.-T. Huang, S.-H. Chen, Y.-R. Huang, C.-L. Chen, C.-C. Chyau, C.-C.	Protective Effect of Hawthorn Fruit Extract against High Fructose-Induced Oxidative Stress and Endoplasmic Reticulum Stress in Pancreatic β -Cells	Foods	10.3390/foods12061130	
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
142	Pai, Y.-Y. Wang, J.-D. Ho, H.-E. Chou, Y.-J. Ho, W.-C. Chan, W.-C. Chu, W.-M. Tsan, Y.-T.	Risk of Fractures, Repeated Fractures and Osteoporotic Fractures among Patients with Hemophilia in Taiwan: A 14-Year Population-Based Cohort Study	International Journal of Environmental Research and Public Health	10.3390/ijerph20010525	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
143	Chen, Y.-C. Yeh, L.-T. Yang, S.-F. Chou, M.-C. Huang, J.-Y. Yeh, C.-B.	Risk of Thromboembolic Events and Major Adverse Cardiovascular Events Following Antivascular Endothelial Growth Factor Therapy in Patients with Colorectal Cancer	Cancers	10.3390/cancers15010009	
144	Lu, C.-L. Wu, J.-L. Li, H.-Y. Martini, S. Li, C.-Y.	Secular trend in prevalence and socioeconomic correlates of diabetes in pregnancy in Taiwan	International Journal of Gynecology and Obstetrics	10.1002/ijgo.14560	First Author
145	Lai, Y.-T. Hou, C.-Y. Lin, S.-P. Lo, Y.-C. Chen, C.-H. Hsieh, C.-W. Lin, H.-W. Cheng, K.-C.	Sequential culture with aroma-producing yeast strains to improve the quality of Kyoho wine	Journal of Food Science	10.1111/1750-3841.16468	
146	Hsieh, Y.-P. Tsai, S.-M. Kor, C.-T. Chiu, P.-F.	Serum globulin is a novel predictor of mortality in patients undergoing peritoneal dialysis	Scientific Reports	10.1038/s41598-023-27688-z	First Author, Corresponding Author
147	Yen, H.-C. Chen, I.-C. Lin, G.-C. Ke, Y.-Y. Lin, M.-C. Chen, Y.-M. Hsu, C.-C.	Sex-specific genetic variants associated with adult-onset inguinal hernia in a Taiwanese population	International Journal of Medical Sciences	10.7150/ijms.82331	Corresponding Author
148	Wu, C.-C. Hsieh, K.-T. Yeh, S.-Y. Lu, Y.-T. Chen, L.-J. Ku, M.S.B. Li, W.-H.	Simultaneous detection of miRNA and mRNA at the single-cell level in plant tissues	Plant Biotechnology Journal	10.1111/pbi.13931	
149	Lee, C.-J. Yang, M.-D. Tseng, H.-H. Hsu, Y.-C. Sung, Y. Chen, W.-L.	Single-plant broccoli growth monitoring using deep learning with UAV imagery	Computers and Electronics in Agriculture	10.1016/j.compag.2023.107739	
150	Chang, Y.-H. Yang, C.-T. Hsieh, S.	Social support enhances the mediating effect of psychological resilience on the relationship between life satisfaction and depressive symptom severity	Scientific Reports	10.1038/s41598-023-31863-7	First Author, Corresponding Author
151	Liu, C.-H. Peng, C.-Y. Liu, C.-J. Chen, C.-Y. Lo, C.-C. Tseng, K.-C. Su, P.-Y. Kao, W.-Y. Tsai, M.-C. Tung, H.-D. Cheng, H.-T. Lee, F.-J. Huang, C.-S. Huang, K.-J. Shih, Y.-L. Yang, S.-S. Wu, J.-H. Lai, H.-C. Fang, Y.-J. Chen, P.-Y. Hwang, J.-J. Tseng, C.-W. Su, W.-W. Chang, C.-C. Lee, P.-L. Chen, J.-J. Chang, C.-Y. Hsieh, T.-Y. Chang, C.-H. Huang, Y.-J. Kao, J.-H.	Sofosbuvir/velpatasvir/voxilaprevir for patients with chronic hepatitis C virus infection previously treated with NS5A direct-acting antivirals: a real-world multicenter cohort in Taiwan	Hepatology International	10.1007/s12072-022-10475-9	
152	Chang, J.-J. You, B.-J. Tien, N. Wang, Y.-C. Yang, C.-S. Hou, M.-H. Chen, Y.	Specific recognition of cyclic oligonucleotides by Cap4 for phage infection	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2023.123656	Corresponding Author
153	Hazam, P.K. Cheng, C.-C. Lin, W.-C. Hsieh, C.-Y. Hsu, P.-H. Chen, Y.-R. Li, C.-C. Hsueh, P.-R. Chen, J.-Y.	Strategic modification of low-activity natural antimicrobial peptides confers antibacterial potential in vitro and in vivo	European Journal of Medicinal Chemistry	10.1016/j.ejmech.2023.115131	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
154	Chen, S.-C. Tsai, J.-T. Chen, Y.-C. Tsai, F.-H. Liang, C.-Y. Chiu, Y.-Y.	Stream power curve–loop–spiral conceptual method and an application to rivers of Taiwan	Journal of Hydrology: Regional Studies	10.1016/j.ejrh.2023.101472	Corresponding Author
155	Tzen, J.T.C.	Strictinin: A Key Ingredient of Tea	Molecules	10.3390/molecules28093961	Corresponding Author
156	Wang, S.-C. Chen, Y.-T. Satange, R. Chu, J.-W. Hou, M.-H.	Structural basis for water modulating RNA duplex formation in the CUG repeats of myotonic dystrophy type 1	Journal of Biological Chemistry	10.1016/j.jbc.2023.104864	
157	Chen, J. Chen, C.	Study on the Shape Characteristics and the Allometry of Phalaenopsis Leaves for Greenhouse Management	Plants	10.3390/plants12102031	Corresponding Author
158	Chen, C.-C. Chu, P.-Y. Lin, H.-Y.	Supervised Learning and Multi-Omics Integration Reveals Clinical Significance of Inner Membrane Mitochondrial Protein (IMMT) in Prognostic Prediction, Tumor Immune Microenvironment and Precision Medicine for Kidney Renal Clear Cell Carcinoma	International Journal of Molecular Sciences	10.3390/ijms24108807	Corresponding Author
159	Hsieh, J.-Y. Chen, K.-C. Wang, C.-H. Liu, G.-Y. Ye, J.-A. Chou, Y.-T. Lin, Y.-C. Lyu, C.-J. Chang, R.-Y. Liu, Y.-L. Li, Y.-H. Lee, M.-R. Ho, M.-C. Hung, H.-C.	Suppression of the human malic enzyme 2 modifies energy metabolism and inhibits cellular respiration	Communications Biology	10.1038/s42003-023-04930-y	Corresponding Author
160	Shih, C.-M. Hsu, C.-E. Chen, K.-H. Pan, C.-C. Lee, C.-H.	Surgical outcomes of anterior lumbar interbody fusion in revision lumbar interbody fusion surgery	Journal of orthopaedic surgery and research	10.1186/s13018-023-03972-6	
161	Chen, Y.-H. Wu, J.-X. Yang, S.-F. Hsiao, Y.-H.	Synergistic Combination of Luteolin and Asiatic Acid on Cervical Cancer In Vitro and In Vivo	Cancers	10.3390/cancers15020548	Corresponding Author
162	Chiu, Y.-H. Chiu, H.-P. Lin, M.-Y.	Synergistic effect of probiotic and postbiotic on attenuation of PM2.5-induced lung damage and allergic response	Journal of Food Science	10.1111/1750-3841.16398	Corresponding Author
163	Chang, P.-H. Mukhopadhyay, R. Zhong, B. Yang, Q.-Y. Zhou, S. Tzou, Y.-M. Sarkar, B.	Synthesis and characterization of PCN-222 metal organic framework and its application for removing perfluorooctane sulfonate from water	Journal of Colloid and Interface Science	10.1016/j.jcis.2023.01.032	Corresponding Author
164	Iamsaard, K. Weng, C.-H. Tzeng, J.-H. Anotai, J. Jacobson, A.R. Lin, Y.-T.	Systematic optimization of biochars derived from corn wastes, pineapple leaf, and sugarcane bagasse for Cu(II) adsorption through response surface methodology	Bioresource Technology	10.1016/j.biortech.2023.129131	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
165	Liu, C.-H. Ho, Y.-J. Wang, C.-Y. Hsu, C.-C. Chu, Y.-H. Hsu, M.-Y. Chen, S.-J. Hsiao, W.-C. Liao, W.-C.	Targeting Chondroitin Sulphate Synthase 1 (Chsy1) Promotes Axon Growth Following Neurorrhaphy by Suppressing Versican Accumulation	Molecules	10.3390/molecules28093742	First Author, Corresponding Author
166	Chen, K.-C. Hsiao, I.-H. Huang, Y.-N. Chou, Y.-T. Lin, Y.-C. Hsieh, J.-Y. Chang, Y.-L. Wu, K.-H. Liu, G.-Y. Hung, H.-C.	Targeting human mitochondrial NAD(P) ⁺ -dependent malic enzyme (ME2) impairs energy metabolism and redox state and exhibits antileukemic activity in acute myeloid leukemia	Cellular Oncology	10.1007/s13402-023-00812-x	Corresponding Author
167	Chang, C.-Y. Wu, C.-C. Pan, P.-H. Wang, Y.-Y. Lin, S.-Y. Liao, S.-L. Chen, W.-Y. Kuan, Y.-H. Chen, C.-J.	Tetramethylpyrazine alleviates mitochondrial abnormality in models of cerebral ischemia and oxygen/glucose deprivation Reoxygenation	Experimental Neurology	10.1016/j.expnneurol.2023.114468	
168	Lai, C.-K. Lee, Y.-C. Ke, H.-M. Lu, M.R. Liu, W.-A. Lee, H.-H. Liu, Y.-C. Yoshiga, T. Kikuchi, T. Chen, P.J. Tsai, I.J.	The Aphelenchoides genomes reveal substantial horizontal gene transfers in the last common ancestor of free-living and major plant-parasitic nematodes	Molecular Ecology Resources	10.1111/1755-0998.13752	Corresponding Author
169	Liang, M.-C. Chen, H.-E. Tfwala, S.S. Lin, Y.-F. Chen, S.-C.	The Application of Wireless Underground Sensor Networks to Monitor Seepage inside an Earth Dam	Sensors	10.3390/s23083795	Corresponding Author
170	Chang, K.-C. Pai, Y.-W. Lin, C.-H. Lee, I.-T. Chang, M.-H.	The association between hyperlipidemia, lipid-lowering drugs and diabetic peripheral neuropathy in patients with type 2 diabetes mellitus	PLoS ONE	10.1371/journal.pone.0287373	Corresponding Author
171	Chen, P.-K. Yeo, K.-J. Chang, S.-H. Liao, T.-L. Chou, C.-H. Lan, J.-L. Chang, C.-K. Chen, D.-Y.	The detectable anti-interferon- γ autoantibodies in COVID-19 patients may be associated with disease severity	Virology Journal	10.1186/s12985-023-01989-1	Corresponding Author
172	Yen, T.-H. Chen, J.-P. Hsieh, T.-Y. Hung, W.-T. Lai, K.-L. Hsieh, C.-W. Chen, H.-H. Huang, W.-N. Chen, Y.-H. Chen, Y.-M.	The diagnostic and prognostic value of a line immunoblot assay in Taiwanese patients with systemic sclerosis	Clinica Chimica Acta	10.1016/j.cca.2023.117457	Corresponding Author
173	Huang, Y.-T. Hung, T.-C. Fan, Y.-C. Chen, C.-Y. Sun, P.-L.	The high diversity of Scedosporium and Lomentospora species and their prevalence in human-disturbed areas in Taiwan	Medical mycology	10.1093/mmy/myad041	
174	Chen, C.-M. Weng, S.-C. Tsai, J.-R. Shen, P.-S.	The mean residual life model for the right-censored data in the presence of covariate measurement errors	Statistics in Medicine	10.1002/sim.9736	
175	Wu, J.-J. Wu, P.-C. Yago, J.I. Chung, K.-R.	The Regulatory Hub of Siderophore Biosynthesis in the Phytopathogenic Fungus Alternaria alternata	Journal of Fungi	10.3390/jof9040427	First Author, Corresponding Author
176	Huang, C.-W. Tsou, H.-K. Chen, W.-H. Tsai, J.-C. Chung, K.-C. Lin, R.-H. Chen, T.-Y. Tzeng, C.-Y.	The residual exposed endplate ratio is predictive of posterior heterotopic ossification after cervical Bryan disc arthroplasty	Journal of Clinical Neuroscience	10.1016/j.jocn.2023.06.005	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
177	Chen, K.-C. Huang, Y.-H. Hsu, K.-H. Tseng, J.-S. Chang, G.-C. Yang, T.-Y.	The Role of Neutrophil-to-Lymphocyte Ratio in Advanced EGFR-Mutant NSCLC Patients Treated with First-Line Osimertinib	OncoTargets and Therapy	10.2147/OTT.S407301	Corresponding Author
178	Viswanath, K.K. Kuo, S.-Y. Tu, C.-W. Hsu, Y.-H. Huang, Y.-W. Hu, C.-C.	The Role of Plant Transcription Factors in the Fight against Plant Viruses	International Journal of Molecular Sciences	10.3390/ijms24098433	Corresponding Author
179	Morshed, S.M. Lee, T.-H.	The role of the microbiome on fish mucosal immunity under changing environments	Fish and Shellfish Immunology	10.1016/j.fsi.2023.108877	Corresponding Author
180	Chang, C.-K. Chiang, E.-P.I. Chang, K.-H. Tang, K.-T. Chen, P.-K. Yip, H.-T. Chen, C.-H. Chen, D.-Y.	The Sizes and Composition of HDL-Cholesterol Are Significantly Associated with Inflammation in Rheumatoid Arthritis Patients	International Journal of Molecular Sciences	10.3390/ijms241310645	
181	Yang, P.-J. Lin, C.-W. Lee, C.-Y. Huang, J.-Y. Hsieh, M.-J. Yang, S.-F.	The Use of Androgen Deprivation Therapy for Prostate Cancer Lead to Similar Rate of Following Open Angle Glaucoma: A Population-Based Cohort Study	Cancers	10.3390/cancers15112915	Corresponding Author
182	Cheng, W.-Y. Yang, M.-Y. Yeh, C.-A. Yang, Y.-C. Chang, K.-B. Chen, K.-Y. Liu, S.-Y. Tang, C.-L. Shen, C.-C. Hung, H.-S.	Therapeutic Applications of Mesenchymal Stem Cell Loaded with Gold Nanoparticles for Regenerative Medicine	Pharmaceutics	10.3390/pharmaceutics15051385	First Author, Corresponding Author
183	Chen, M.-C. Yeh, T.-F. Wu, C.-C. Wang, Y.-R. Wu, C.-L. Chen, R.-L. Shen, C.-H.	Three-year hospital-wide pain management system implementation at a tertiary medical center: Pain prevalence analysis	PLoS ONE	10.1371/journal.pone.0283520	Corresponding Author
184	Hsieh, C.Y. Rajanbabu, V. Pan, C.-Y. Chen, J.-Y.	Transcriptome analysis reveals modulation of differentially expressed genes in LPS-treated mouse macrophages (RAW264.7 cells) by grouper (Epinephelus coioides) Epinecidin-1	Fish and Shellfish Immunology	10.1016/j.fsi.2023.108880	Corresponding Author
185	Chu, P.-Y. Chou, D.-A. Chen, P.-M. Chiang, E.-P.I.	Translocation of Methionine Adenosyl Transferase MAT2A and Its Prognostic Relevance for Liver Hepatocellular Carcinoma	International Journal of Molecular Sciences	10.3390/ijms24109103	First Author, Corresponding Author
186	Yan, T.-Y. Teng, K.T.-Y.	Trends in Animal Shelter Management, Adoption, and Animal Death in Taiwan from 2012 to 2020	Animals	10.3390/ani13091451	Corresponding Author
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

No.	Authors	Title	Scopus Source title	DOI	Authorship
188	Cheng, F.-J. Ho, C.-Y. Li, T.-S. Chen, Y. Yeh, Y.-L. Wei, Y.-L. Huynh, T.K. Chen, B.-R. Ko, H.-Y. Hsueh, C.-S. Tan, M. Wu, Y.-C. Huang, H.-C. Tang, C.-H. Chen, C.-H. Tu, C.-Y. Huang, W.-C.	Umbelliferone and eriodictyol suppress the cellular entry of SARS-CoV-2	Cell and Bioscience	10.1186/s13578-023-01070-y	
189	Ho, L.-J. Sheu, W.H.-H. Lo, S.-H. Yeh, Y.-P. Hwu, C.-M. Huang, C.-N. Hsieh, C.-H. Kuo, F.-C.	Unhealthy lifestyle associated with increased risk of macro- and micro-vascular comorbidities in patients with long-duration type 2 diabetes: results from the Taiwan Diabetes Registry	Diabetology and Metabolic Syndrome	10.1186/s13098-023-01018-9	
190	Kuo, Y.-L. Lin, C.-H. Wang, Y.-Y. Shieh, G.-J. Chu, W.-M.	Use of YouTube by academic medical centres during the COVID-19 pandemic: an observational study in Taiwan	BMJ Open	10.1136/bmjopen-2022-071085	Corresponding Author
191	Wu, C.-L. Tsai, W.-H. Liu, J.-S. Liu, H.-W. Huang, S.-Y. Kuo, K.-L.	Vegan Diet Is Associated with a Lower Risk of Chronic Kidney Disease in Patients with Hyperuricemia	Nutrients	10.3390/nu15061444	First Author
192	Chang, H.-H. Gustian, D. Chang, C.-J. Jan, F.-J.	Virus-virus interactions alter the mechanical transmissibility and host range of begomoviruses	Frontiers in Plant Science	10.3389/fpls.2023.1092998	First Author, Corresponding Author
193	Chen, I.-C. Chen, H.-H. Jiang, Y.-H. Hsiao, T.-H. Ko, T.-M. Chao, W.-C.	Whole transcriptome analysis to explore the impaired immunological features in critically ill elderly patients with sepsis	Journal of Translational Medicine	10.1186/s12967-023-04002-z	Corresponding Author
194	Chi, S.-Y. Chien, L.-H.	Why defuzzification matters: An empirical study of fresh fruit supply chain management	European Journal of Operational Research	10.1016/j.ejor.2023.05.037	Corresponding Author

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No.	Authors	Title	Scopus Source title	DOI	Authorship
1	Venkatesan, M. Chandrasekar, J. Liang, F.-C. Lin, W.-C. Chen, W.-C. Cho, C.-J. Chen, Y.-T. Lee, W.-Y. Su, C. Zhou, Y. Lai, Y.-C. Kuo, C.-C.	2022 Taiwanese Dermatological Association (TDA), Taiwanese Association for Psoriasis and Skin Immunology (TAPSI), and Taiwan Society of cardiology (TSOC) joint consensus recommendations for the management of psoriatic disease with attention to cardiovascular comorbidities	Nano Energy	10.1016/j.nanoen.2023.108556	Corresponding Author
2	Wu, C.-Y. Su, Y.-T. Su, C.-K.	4D-printed needle panel meters coupled with enzymatic derivatization for reading urea and glucose concentrations in biological samples	Biosensors and Bioelectronics	10.1016/j.bios.2023.115500	Corresponding Author
3	Tsai, Y.-L.	A Class of Symmetric Dziobek Configurations in Restricted Problems for Homogeneous Force Laws	Journal of Dynamics and Differential Equations	10.1007/s10884-023-10259-1	Corresponding Author
4	Chen, H.-J. Chang, W.-T. Tang, C.-W. Peng, C.-F.	A Feasibility Study on Textile Sludge as a Raw Material for Sintering Lightweight Aggregates and Its Application in Concrete	Applied Sciences (Switzerland)	10.3390/app13116395	First Author
5	Lin, Y. Liu, W. Huang, Y. Huang, Y. Yeh, Y. Chang, M. Lin, S. Liao, Y. Liao, Y.	A Multimodality Electrochemical and Impedance Spectroscopy System-on-A-Chip With Temperature Sensing and Impedance-Boosting Techniques	IEEE Transactions on Biomedical Circuits and Systems	10.1109/TBCAS.2023.3287835	
6	Lan, C.-F. Wang, C.-M. Lin, W.	A Novel Adaptive Image Data Hiding and Encryption Scheme Using Constructive Image Abstraction	Applied Sciences (Switzerland)	10.3390/app13106208	Corresponding Author
7	Wang, S.-M. Peng, J.-K. Gunawan, H. Tu, R.-Q. Chiou, S.-J.	A Novel Electrode Front-End Face Design to Improve Geometric Accuracy in Electrical Discharge Machining Process	Metals	10.3390/met13061122	First Author
8	Li, W. Gupta, R. Zhang, Z. Cao, L. Li, Y. Show, P.L. Gupta, V.K. Kumar, S. Lin, K.-Y.A. Varjani, S. Connelly, S. You, S.	A review of high-solid anaerobic digestion (HSAD): From transport phenomena to process design	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2023.113305	
9	Chen, W.-H. Biswas, P.P. Ubando, A.T. Kwon, E.E. Lin, K.-Y.A. Ong, H.C.	A review of hydrogen production optimization from the reforming of C1 and C2 alcohols via artificial neural networks	Fuel	10.1016/j.fuel.2023.128243	

No.	Authors	Title	Scopus Source title	DOI	Authorship
10	Chen, C.-W. Mirzaei, S. Huang, C.-C. Li, S.-Y.	A scale-up study of the continuous ABE fermentation in a packed bed coupled with the extraction/gas-stripping in situ butanol recovery process	Separation and Purification Technology	10.1016/j.seppur.2023.123952	Corresponding Author
11	Ciou, J.-J. Wu, T.-C. Chen, Z.-J. Cheng, B. Lai, C.-H.	A selective fluorescent turn-on probe for imaging and sensing of hydrogen peroxide in living cells	Analytical and Bioanalytical Chemistry	10.1007/s00216-023-04800-w	Corresponding Author
12	Li, C.-G. Bale, R. Wang, W. Tsubokura, M.	A sharp interface immersed boundary method for thin-walled geometries in viscous compressible flows	International Journal of Mechanical Sciences	10.1016/j.ijmecsci.2023.108401	
13	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	Corresponding Author
14	Tsai, C.-C. Chen, H.-Y. Chen, S.-C. Tai, F.-C. Chen, G.-M.	Adaptive Reinforcement Learning Formation Control Using ORFBLs for Omnidirectional Mobile Multi-Robots	International Journal of Fuzzy Systems	10.1007/s40815-023-01491-4	First Author, Corresponding Author
15	Kao, J.-J. Lin, C.-L. Yang, J.	Adaptive Wireless Power Transfer System With Relay Transmission and Communication	IEEE Transactions on Power Electronics	10.1109/TPEL.2022.3218368	Corresponding Author
16	Chiou, C.-Y. Lee, K.-T. Huang, C.-R. Chung, P.-C.	ADMM-SRNet: Alternating Direction Method of Multipliers Based Sparse Representation Network for One-Class Classification	IEEE Transactions on Image Processing	10.1109/TIP.2023.3274488	Corresponding Author
17	Lin, Y.-H. Sivakumar, C. Balraj, B. Murugesan, G. Nagarajan, S.K. Ho, M.-S.	Ag-Decorated Vertically Aligned ZnO Nanorods for Non-Enzymatic Glucose Sensor Applications	Nanomaterials	10.3390/nano13040754	Corresponding Author
18	Lin, C.-L. Sun, Z.-T. Chen, Y.-Y.	Air-mattress system for ballistocardiogram-based heart rate and breathing rate estimation	Heliyon	10.1016/j.heliyon.2022.e12717	First Author, Corresponding Author
19	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
20	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
21	Tseng, C. Lin, Y. Wang, G.	An Electrochemical HbA1c Immunosensor with a Simple Electrode of Gold Nanoparticle Monolayer	IEEE Sensors Journal	10.1109/JSEN.2023.3289075	
22	Lo, F. Yang, G. Chang, M. Kwong, W.C.	An Improved Two-Hop Rendezvous Model with Buffer-Aided Relays in Channel-Hopping Cognitive-Radio Wireless Networks for Internet-of-Things	IEEE Internet of Things Journal	10.1109/JIOT.2023.3280716	

No.	Authors	Title	Scopus Source title	DOI	Authorship
23	Deng, Z.-Y. Chiang, N.-Z. Kumar, U. Chen, K.-L. Chen, J.-H. Wu, C.-H.	Analyze the characteristics of magnetic properties changes in NiFe ₂ O ₄ induced by trapping polar gas	Surfaces and Interfaces	10.1016/j.surfins.2023.102982	Corresponding Author
24	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
25	Tsai, J. Chang, C.-C. Li, T.	Autonomous Driving Control Based on the Technique of Semantic Segmentation	Sensors	10.3390/s23020895	First Author
26	Chen, W.-Y. Lin, W.-H. Kuo, C.-J. Liang, C.-F.	Base-mediated ketenimine formation from N-sulfonylthioimidates for the synthesis of 5-amino-1-vinyl/aryl-1,2,3-triazoles	Chemical Communications	10.1039/d2cc06708k	Corresponding Author
27	Su, Y.-C. Liu, G.-L. Ko, B.-T.	Bimetallic Nickel Complexes as Effective and Versatile Catalysts for Copolymerization of Epoxides with Carbon Dioxide or Phthalic Anhydride: Catalysis and Kinetics	Inorganic Chemistry	10.1021/acs.inorgchem.3c00355	Corresponding Author
28	Li, M. Lin, Z.-I. Yang, J. Huang, H. Liu, G.-L. Liu, Q. Zhang, X. Zhang, Y. Xu, Z. Lin, H. Chai, Y. Chen, X. Ko, B.-T. Liu, J. Chen, C.-K. Yang, C.	Biodegradable Carbon Dioxide-Derived Non-Viral Gene Vectors for Osteosarcoma Gene Therapy	Advanced Healthcare Materials	10.1002/adhm.202201306	
29	Ching, C.T.S. Wang, C.-K. Tang, P.-C. Ha, M.-K. Li, C. Chiu, H.-N. Yao, F.Y.-D. Nhan, N.C. Hieu, N.V. Phan, T.-L.	Bioimpedance-Measurement-Based Non-Invasive Method for In Ovo Chicken Egg Sexing	Biosensors	10.3390/bios13040440	First Author
30	Jiang, C.-Y. Fan, Y.-C.	Biomedical Abstract Sentence Classification by BERT-Based Reading Comprehension	SN Computer Science	10.1007/s42979-023-01830-0	Corresponding Author
31	Chen, J.-W. Wu, T.-C. Liang, W. Ciou, J.-J. Lai, C.-H.	Boronates as hydrogen peroxide-reactive warheads in the design of detection probes, prodrugs, and nanomedicines used in tumors and other diseases	Drug Delivery and Translational Research	10.1007/s13346-022-01248-w	Corresponding Author
32	Karim, N.A. Alias, M.S. Shaari, N. Yang, H.	Calcium carbonate from chicken eggshells as filler in composite Nafion membrane for direct ethanol fuel cell: a molecular dynamics study	Journal of Chemical Technology and Biotechnology	10.1002/jctb.7384	
33	Chang, K.-P. Chien, Y.-W. Wang, P.-H. Yen, C.-C. Lin, Y.-X. Gao, Y.-J. Wu, W.-Y. Wu, D.-S.	Characteristics of High-Power Impulse Magnetron Sputtering ITO/Ag/ITO Films for Application in Transparent Micro-LED Displays	ACS Applied Electronic Materials	10.1021/acsaem.2c01461	First Author, Corresponding Author
34	Chen, B.H. Hashimoto, T. Goto, T. Raquel, B.J.R. Uno, Y. Kim, S.J. Hsiao, T.Y.-Y. Ho, S.C.-C.	Classifying a frequently repeating fast radio burst, FRB 20201124A, with unsupervised machine learning	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stad930	

No.	Authors	Title	Scopus Source title	DOI	Authorship
35	Huang, Y.-H. Yen, T.-Y. Shi, M.-T. Hung, Y.-H. Chen, W.-T. Wu, C.-H. Hung, K.-M. Lo, K.-Y.	Competition between oxygen and water molecules on SiO ₂ /P-doped Si surface: The electrical dipole evolution on water/oxygen-adsorbed oxide surface	Sensors and Actuators B: Chemical	10.1016/j.snb.2022.133011	
36	Huang, Y.-Y. Wang, P.-C.	Computation Offloading and User-Clustering Game in Multi-Channel Cellular Networks for Mobile Edge Computing	Sensors	10.3390/s23031155	Corresponding Author
37	Chang, Y.-J. Tsai, K.-L. Jiang, W.-C. Liu, M.-K.	Content-aware malicious webpage detection using convolutional neural network	Multimedia Tools and Applications	10.1007/s11042-023-15559-8	First Author
38	Lin, Z.-I. Tsai, T.-H. Yu, K.-C. Nien, Y.-H. Liu, R.-P. Liu, G.-L. Chi, P.-L. Fang, Y.-P. Ko, B.-T. Law, W.-C. Zhou, C. Yong, K.-T. Cheng, P.-W. Chen, C.-K.	Creation of Chitosan-Based Nanocapsule-in-Nanofiber Structures for Hydrophobic/Hydrophilic Drug Co-Delivery and Their Dressing Applications in Diabetic Wounds	Macromolecular Bioscience	10.1002/mabi.202300145	
39	Chung, M.-C. Huang, G.-Y. McCulloch, I.P. Tsai, Y.-H.	Deep learning of phase transitions for quantum spin chains from correlation aspects	Physical Review B	10.1103/PhysRevB.107.214451	First Author
40	Su, E.-C. Hsu, J.-N. Lin, Y.-C. Tseng, H.-H.	Design of a sodium peroxide/sulfonic acid functionalized SBA-16 bi-functional catalyst for improving the conversion of waste cooking oil to biodiesel	Fuel	10.1016/j.fuel.2023.128274	Corresponding Author
41	Chang, R.C.-H. Wang, C.-Y. Li, Y.-H. Chiu, C.-D.	Design of Low-Complexity Convolutional Neural Network Accelerator for Finger Vein Identification System	Sensors	10.3390/s23042184	First Author, Corresponding Author
42	Chen, C.-W. Chen, S.-H. Huang, C.-F. Chen, J.-K.	Designable Poly(methacrylic Acid)/Silver Cluster Ring Arrays as Reflectance Spectroscopy-Based Biosensors for Label-Free Plague Diagnosis	Polymers	10.3390/polym15081919	Corresponding Author
43	Ikebe, S. Takefuji, K. Terasawa, T. Eie, S. Akahori, T. Murata, Y. Hashimoto, T. Kisaka, S. Honma, M. Yoshiura, S. Suzuki, S. Oyama, T. Sekido, M. Niinuma, K. Takeuchi, H. Yonekura, Y. Enoto, T.	Detection of a bright burst from the repeating fast radio burst 20201124A at 2 GHz	Publications of the Astronomical Society of Japan	10.1093/pasj/psac101	
44	Kumar, N. Lin, Y.-J. Huang, Y.-C. Liao, Y.-T. Lin, S.-P.	Detection of lactate in human sweat via surface-modified, screen-printed carbon electrodes	Talanta	10.1016/j.talanta.2023.124888	Corresponding Author
45	Ling, D.F.-J. Hashimoto, T. Yamasaki, S. Goto, T. Kim, S.J. Ho, S.C.-C. Hsiao, T.Y.-Y. Wong, Y.H.V.	Detection rate of fast radio bursts in the Milky Way with BURSTT	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stac3018	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
46	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 acetonide-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
47	Zhao, Y.-Y. Zhang, C. Cheng, S. Li, X. Guo, Y. Liu, B.-H. Ku, H.-Y. Chen, S.-L. Wen, Q. Huang, Y.-F. Xiang, G.-Y. Li, C.-F. Guo, G.-C.	Device-independent verification of Einstein–Podolsky–Rosen steering	Optica	10.1364/OPTICA.456382	
48	Chen, C.-C. Chen, Y.-H. Nguyen, V.S. Chen, S.-Y. Tsai, M.-C. Chen, J.-S. Lin, S.-Y. Wei, T.-C. Yeh, C.-Y.	Double Fence Porphyrins Featuring Indacenodithiophene Group as an Effective Donor for High-Efficiency Dye-Sensitized Solar Cells	Advanced Energy Materials	10.1002/aenm.202300353	Corresponding Author
49	Su, Y.-J. Tsai, K.-L. Li, Y.-J. Chen, C.-M.	Effects of suppressors on the incorporation of impurities and microstructural evolution of electrodeposited Cu solder joints	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2023.104956	Corresponding Author
50	Nguyen, V.S. Su, T.-S. Chen, C.-C. Yeh, C.-Y. Wei, T.-C.	Efficient counter electrode for copper (I)(II)-mediated dye-sensitized solar cells based on polyvinyl alcohol capped platinum nanoclusters	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2022.104626	Corresponding Author
51	Cerrón-Calle, G.A. dos Santos, A.J. Lanza, M.R.V. Lu, M.-C. Garcia-Segura, S.	Electrified technologies for physical separation of arsenic from water	Current Opinion in Environmental Science and Health	10.1016/j.coesh.2023.100477	
52	Gu, B.-C. Chung, K.-J. Chen, B.-W. Dai, Y.-H. Wu, C.-C.	Electrochemical detection combined with artificial neural networks for the simultaneous intelligent sensing of caffeine and chlorogenic acid	Electrochimica Acta	10.1016/j.electacta.2023.142820	Corresponding Author
53	Lin, Y.-T. Li, J.-Y. Wey, M.-Y. Tseng, H.-H.	Engineered pinhole-stitching process of PEI-based hollow fiber membrane enables preferred performance toward light gas separation	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2023.06.103	First Author, Corresponding Author
54	Lin, D.-Y. Hsu, H.-P. Liu, K.-H. Wu, P.-H. Shih, Y.-T. Wu, Y.-F. Wang, Y.-P. Lin, C.-F.	Enhanced Optical Response of SnS/SnS ₂ Layered Heterostructure	Sensors	10.3390/s23104976	
55	Chuang, K.-H. Hsu, H.-H. Lee, J.-T. Wey, M.-Y.	Enhanced photocatalytic performance of PS/F-PANI/PNT films for visible-light-induced hydrogen production	Journal of Environmental Chemical Engineering	10.1016/j.jece.2023.109965	
56	Ha, T.-H. Mahasti, N.N.N. Lin, C.-S. Lu, M.-C. Huang, Y.-H.	Enhanced struvite (MgNH ₄ PO ₄ ·6H ₂ O) granulation and separation from synthetic wastewater using fluidized-bed crystallization (FBC) technology	Journal of Water Process Engineering	10.1016/j.jwpe.2023.103855	Corresponding Author
57	Luong, X.T.H. Shen, Y.-S. Liang, C. Chen, Y.-T.	Evaluation of various natural weeds and reaction conditions for reductive degradation of 1,3-dinitrobenzene	Journal of Hazardous Materials	10.1016/j.jhazmat.2023.131467	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
58	Lae Yi Win, S. Liao, C.-T. Chang, H.-Y. Lai, C.-M.	Experimental observations on electricity generation and thermal characteristics of TEG façades	Energy and Buildings	10.1016/j.enbuild.2023.113225	
59	Huang, C.-C. Ho, H.-C. Lai, J.-S. Lee, F.-Z.	Experimental study with hydraulic modeling of a reservoir desilting operation using a sediment bypass tunnel	Environmental Earth Sciences	10.1007/s12665-023-10992-2	
60	Hsiung, B.-C.B. Phan, H.K.	Exploration of maximum wall deflection and stability for deep excavation in loose to medium-dense sand	Acta Geotechnica	10.1007/s11440-023-01926-0	First Author, Corresponding Author
61	Tsai, Y.-L.	Exploring circulations yielding no vortex equilibria	Journal of Symbolic Computation	10.1016/j.jsc.2022.04.019	
62	Lin, Y.-T. Tung, Y.-T. Wong, J.-Y. Wang, G.-J.	Fabrication of perfusable microvessel networks by mimicking in vivo vasculogenesis using a novel scaffold-wrapping method	Materials and Design	10.1016/j.matdes.2023.111707	Corresponding Author
63	Ko, Y.-Y. Tsai, C.-C. Hwang, J.-H. Hwang, Y.-W. Ge, L. Chu, M.-C.	Failure of engineering structures and associated geotechnical problems during the 2022 M L 6.8 Chihshang earthquake, Taiwan	Natural Hazards	10.1007/s11069-023-05993-0	Corresponding Author
64	Chen, H.-Y. Araoka, F. Lee, F.-Y. Lee, C. Chen, J.J.	Field-induced second-harmonic generation induced by distorted soft chiral crystal	Journal of Physics D: Applied Physics	10.1088/1361-6463/acbe09	First Author, Corresponding Author
65	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
66	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
67	Guo, J.-S. Poh, A.A.L. Wu, C.-C.	Forced waves of saturation type for Fisher–KPP equation in a shifting environment	Applied Mathematics Letters	10.1016/j.aml.2023.108573	Corresponding Author
68	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	
69	Ho, S.C. Hashimoto, T. Goto, T. Lin, Y.-W. Kim, S.J. Uno, Y. Hsiao, T.Y.	Future Constraints on Dark Matter with Gravitationally Lensed Fast Radio Bursts Detected by BURSTT	Astrophysical Journal	10.3847/1538-4357/accb9e	
70	Jhang, J. Tsai, Y. Hsu, T. Huang, C. Cheng, H. Sheu, B.	Gastric Section Correlation Network for Gastric Precancerous Lesion Diagnosis	IEEE Open Journal of Engineering in Medicine and Biology	10.1109/OJEM.2023.3277219	

No.	Authors	Title	Scopus Source title	DOI	Authorship
71	Singh, A.K. Yen, C.-C. Wen, C.-F. Horng, R.-H. Wu, D.-S.	Growth and Characterization of Sputtered ZnO:ZnGa ₂ O ₄ Dual-Phase Films on Sapphire Substrates for NO Gas-Sensing Applications	ACS Applied Electronic Materials	10.1021/acsaem.3c00045	Corresponding Author
72	Liang, C.-H. Lin, Y.-H. Lin, Y.-K. Chiang, C.-F.	Hair growth-promotion effects and antioxidant activity of the banana flower extract HappyAngel®: double-blind, placebo-controlled trial	Food Science and Human Wellness	10.1016/j.fshw.2023.02.043	Corresponding Author
73	Wu, S.C. Hsiao, W.-C. Zhao, Y.-C. Wu, L.-F.	Hexavalent chromate bioreduction by a magnetotactic bacterium Magnetospirillum gryphiswaldense MSR-1 and the effect of magnetosome synthesis.	Chemosphere	10.1016/j.chemosphere.2023.138739	First Author, Corresponding Author
74	Chen, Y. Wu, Y. Chang, C.-H. Shen, T.-J.	How close is an undiscovered species to you after conducting biodiversity sampling?	Ecological Indicators	10.1016/j.ecolind.2023.110482	Corresponding Author
75	Huang, C.-C.	Hybrid Image Graphene Polaritons with Extremely Confined Mode and Field Enhancement in the Terahertz Regime	Advanced Optical Materials	10.1002/adom.202202199	Corresponding Author
76	Tsai, C.-Y. Su, C.-L. Wang, Y.-H. Wu, S.-M. Liu, W.-T. Hsu, W.-H. Majumdar, A. Stettler, M. Chen, K.-Y. Lee, Y.-T. Hu, C.-J. Lee, K.-Y. Tsuang, B.-J. Tseng, C.-H.	Impact of lifetime air pollution exposure patterns on the risk of chronic disease	Environmental Research	10.1016/j.envres.2023.115957	
77	Cheng, L.-H. Kumar, U. Deng, Z.-Y. Wu, C.-H.	Improved Charge Transfer for NO ₂ Gas Sensors by Using 0D SnS Quantum Dot/2D WSe ₂ Heterostructures	ACS Applied Nano Materials	10.1021/acsnano.3c01181	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
79	Deng, H.-W. Tseng, Y.-T. Lee, M.-P. Lin, Y.-F. Wu, W.-W.	In Situ TEM Observation of Electron-Beam-Induced Microstructural Evolution in van der Waals Layered Magnetic CrSBr Semiconductor	Advanced Electronic Materials	10.1002/aelm.202200994	
80	Kilerci, E. Hashimoto, T. Goto, T. Göğüş, E. Kim, S.J. Ho, S.C. Valerie Wong, Y.H.	Infrared Galaxies Detected by the Atacama Cosmology Telescope	Astrophysical Journal, Supplement Series	10.3847/1538-4365/acb8ba	
81	Huang, C.-R. Lu, M.-C.	Investigation of Cutting Path Effect on Spindle Vibration and AE Signal Features for Tool Wear Monitoring in Micro Milling	Applied Sciences (Switzerland)	10.3390/app13021107	Corresponding Author
82	Chen, J.-L. Feng, S.-Y. Lu, C.-J. Huang, J.-F.	Janus Ru/RuO ₂ nano-boomerangs on carbon as pH-universal electrocatalysts with bifunctional	Chemical Engineering Journal	10.1016/j.cej.2023.143761	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
		activity toward the hydrogen/oxygen evolution reaction			
83	Tahani, M. Bastien, P. Furuya, R.S. Pattle, K. Johnstone, D. Arzoumanian, D. Doi, Y. Hasegawa, T. Inutsuka, S.-I. Coudé, S. Fissel, L. Chen, M.C. Poidevin, F. Sadavoy, S. Friesen, R. Koch, P.M. Di Francesco, J. Moriarty-Schieven, G.H. Chen, Z. Chung, E.J. Eswaraiah, C. Fanciullo, L. Gledhill, T. Le Gouellec, V.J.M. Hoang, T. Hwang, J. Kang, J.-H. Kim, K.H. Kirchschrager, F. Kwon, W. Lee, C.W. Liu, H.-L. Onaka, T. Rawlings, M.G. Soam, A. Tamura, M. Tang, X. Tomisaka, K. Whitworth, A.P. Kwon, J. Hoang, T.D. Redman, M. Berry, D. Ching, T.-C. Wang, J.-W. Lai, S.-P. Qiu, K. Ward-Thompson, D. Houde, M. Byun, D.-Y. Chen, H.V. Chen, W.P. Cho, J. Choi, M. Choi, Y. Chrysostomou, A. Diep, P.N. Duan, H.-Y. Fiege, J. Franzmann, E. Friberg, P. Fuller, G. Graves, S.F. Greaves, J.S. Griffin, M.J. Gu, Q. Han, I. Hatchell, J. Hayashi, S.S. Hull, C.L.H. Inoue, T. Iwasaki, K. Jeong, I.-G. Kanamori, Y. Kang, M. Kang, S.-J. Kataoka, A. Kawabata, K.S. Kemper, F. Kim, G. Kim, J. Kim, K.-T. Kim, M.-R. Kim, S. Kirk, J.M. Kobayashi, M.I.N. Konyves, V. Kusune, T. Lacaille, K. Law, C.-Y. Lee, C.-F. Lee, H. Lee, J.-E. Lee, S.-S. Lee, Y.-H. Li, D. Li, D. Li, H.-B. Liu, J. Liu, S.-Y. Liu, T. de Looze, I. Lyo, A.-R. Mairs, S. Matsumura, M. Matthews, B.C. Nagata, T. Nakamura, F. Nakanishi, H. Ohashi, N. Park, G. Parsons, H. Peretto, N. Pyo, T.-S. Qian, L. Rao, R. Retter, B. Richer, J. Rigby, A. Saito, H. Savini, G. Scaife, A.M.M. Seta, M. Shimajiri, Y. Shinnaga, H. Tang, Y.-W. Tsukamoto, Y. Viti, S. Wang, H. Yen, H.-W. Yoo, H. Yuan, J. Yun, H.-S. Zenko, T. Zhang, C.-P. Zhang, G. Zhang, Y. Zhou, J. Zhu, L. André, P. Dowell, C.D. Eyres, S.P.S. Falle, S. van Loo, S. Robitaille, J.-F.	JCMT BISTRO Observations: Magnetic Field Morphology of Bubbles Associated with NGC 6334	Astrophysical Journal	10.3847/1538-4357/acac81	

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84	Shao, H.-C. Ping, H.-L. Chen, K.-S. Su, W.-T. Lin, C.-W. Fang, S.-Y. Tsai, P.-Y. Liu, Y.-H.	Keeping Deep Lithography Simulators Updated: Global-Local Shape-Based Novelty Detection and Active Learning	IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems	10.1109/TCAD.2022.3192175	First Author
85	Li, C.-K. Tsai, M.-C. Wang, Y.-S. Wong, N.-C.	Linear maps preserving matrices annihilated by a fixed polynomial	Linear Algebra and Its Applications	10.1016/j.laa.2023.05.022	Corresponding Author
86	Yang, C.-Y. Yu, C.-Y. Lin, Y.-L. Hon, M.-T. Yang, S.-J. Zhang, Y.-Z. Kang, H.-C. Kuo, Y.-W. Lin, C.-F. Wu, Y.-L. Chou, H.-H. Chen, H. Li, Y.-H. Han, J.	Machine vision inspection of early failure and line-shaped defects of blue InGaN/GaN light emitting diodes soaked in liquid nitrogen for cryogenic tests	Results in Physics	10.1016/j.rinp.2023.106594	
87	Ren, B.H. Chu, C.Y. Jhang, B.S.	Magnetic Field-Induced Order-Order Transition from Hexagonally Packed Cylinders to Lamellae with Large-Scale Orientations in a Block Copolymer/Magnetic Nanoparticle Nanocomposite Film	Macromolecules	10.1021/acs.macromol.2c02412	Corresponding Author
88	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	
89	Kuo, S.-Y. Tseng, F.-H. Chou, Y.-H.	Metaverse intrusion detection of wormhole attacks based on a novel statistical mechanism	Future Generation Computer Systems	10.1016/j.future.2023.01.017	First Author
90	Hsieh, K.-S. Wang, C.-M.	Multi-Hider Reversible Data Hiding Using a Weighted Color Transfer and Modulus Operation	Applied Sciences (Switzerland)	10.3390/app13021013	Corresponding Author
91	Chang, Y.-J. Chen, S.-H.	Multi-Logic Sense Amplifier (MLSA) Design for In-Memory Computing	IEEE Journal on Emerging and Selected Topics in Circuits and Systems	10.1109/JETCAS.2023.3243434	First Author
92	Juang, C.-F. Pan, G.-R. Huang, W.-C. Wen, C.-Y. Wu, M.-F.	Multiobjective Optimization of Interpretable Fuzzy Systems and Applicable Subjects for Fast Estimation of Obstructive Sleep Apnea-Hypopnea Severity	IEEE Transactions on Fuzzy Systems	10.1109/TFUZZ.2022.3222033	First Author
93	Chen, W.-H. Chou, W.-S. Chein, R.-Y. Hoang, A.T. Juan, J.C.	Multiple-objective optimization on ammonia decomposition using membrane reactor	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2023.05.081	Corresponding Author
94	Tu, C.-H. Wang, R.-T. Wang, B.-S. Kuo, C.-E. Wang, E.-Y. Tu, C.-T. Yu, W.-N.	Neural network combining with clinical ultrasonography: A new approach for classification of salivary gland tumors	Head and Neck	10.1002/hed.27396	Corresponding Author

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95	Lin, E.-Y. Tu, C.-T. Lien, J.-J.J.	Nut Geometry Inspection Using Improved Hough Line and Circle Methods	Sensors	10.3390/s23083961	
96	Singh, K. Agarwal, T. Kumar, U. Pal, S. Runthala, A. Pan, T.-M. Wu, C.C.	Optical biosensors for diabetes management: Advancing into stimuli-responsive sensing mechanisms	Smart Materials in Medicine	10.1016/j.smaim.2022.08.003	
97	Lai, C.-M. Teh, J. Alharbi, B. AlKassem, A. Aljabr, A. Alshammari, N.	Optimisation of generation unit commitment and network topology with the dynamic thermal rating system considering N-1 reliability	Electric Power Systems Research	10.1016/j.epsr.2023.109444	First Author
98	Lai, C.-M. Loo, D.L. Teoh, Y.H. How, H.G. Le, T.D. Nguyen, H.T. Ghfar, A.A. Sher, F.	Optimization and performance characteristics of diesel engine using green fuel blends with nanoparticles additives	Fuel	10.1016/j.fuel.2023.128462	First Author
99	Chang, T.-Y. Kumar Singh, A. Shao, J.-H. Huang, C.-Y. Shieh, J.-M. Wu, D.-S. Liu, P.-L. Horng, R.-H.	Performance improvement of MOCVD grown ZnGa2O4 based NO gas sensors using plasma surface treatment	Applied Surface Science	10.1016/j.apsusc.2023.157929	
100	Tu, C.-T. Hsieh, S.-H. Chen, K.-L. Lien, J.-J.J.	Personalized smile synthesis using attention-guided global parametric model and local non-parametric model	Multimedia Tools and Applications	10.1007/s11042-022-14260-6	First Author, Corresponding Author
101	Zhang, J. Zhang, Z. Yao, L. Qian, M. Li, Z. Han, Y. Bai, S. Lee, M.	pH-responsive switchable deep eutectic solvents to mediate pretreatment method for trace analysis of triazole fungicides in peel wastes	Food Chemistry	10.1016/j.foodchem.2023.135486	
102	Chen, W.-L. Lee, T.-W. Chen, C.	Polypyrrole-induced active-edge-S and high-valence-Mo reinforced composites with boosted electrochemical performance for the determination of 2,4,6-trichlorophenol in the aquatic environment	Chemosphere	10.1016/j.chemosphere.2023.139003	Corresponding Author
103	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
104	Tsai, C.-P. Chen, Y.-C. Ko, C.-H.	Prediction of Bay-Shaped Shorelines between Detached Breakwaters with Various Gap Spacings	Sustainability (Switzerland)	10.3390/su15076218	First Author
105	Chu, L.-P. Chen, K.-T. Lu, H.-K. Lai, C.-L. Huang, H.-C. Hsieh, K.-C.	Preliminary study on the application of bioimpedance analysis to measure the psoas major muscle in older adults	PLoS ONE	10.1371/journal.pone.0275884	
106	Huynh, T.M.H. Yalamandala, B.N. Chiang, M.-R. Weng, W.-H. Chang, C.-W. Chiang, W.-H. Liao, L.-D. Liu, Y.-C. Hu, S.-H.	Programmed antigen capture-harnessed dendritic cells by margination-hitchhiking lung delivery	Journal of Controlled Release	10.1016/j.jconrel.2023.05.028	

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107	Yalamandala, B.N. Huynh, T.M.H. Chiang, M.-R. Weng, W.-H. Chang, C.-W. Chiang, W.-H. Hu, S.-H.	Programmed Catalytic Therapy and Antigen Capture-Mediated Dendritic Cells Harnessing Cancer Immunotherapies by In Situ-Forming Adhesive Nanoreservoirs	Advanced Functional Materials	10.1002/adfm.202210644	
108	Chiang, M.-R. Shen, W.-T. Huang, P.-X. Wang, K.-L. Weng, W.-H. Chang, C.-W. Chiang, W.-H. Liu, Y.-C. Chang, S.-J. Hu, S.-H.	Programmed T cells infiltration into lung metastases with harnessing dendritic cells in cancer immunotherapies by catalytic antigen-capture sponges	Journal of Controlled Release	10.1016/j.jconrel.2023.06.033	
109	Kuo, S.-Y. Tseng, K.-C. Chou, Y.-H. Tseng, F.-H.	Quantum Oblivious Transfer with Reusable Bell State	Computers, Materials and Continua	10.32604/cmc.2023.032320	First Author
110	Nargotra, P. Sharma, V. Tsai, M.-L. Hsieh, S.-L. Dong, C.-D. Wang, H.-M.D. Kuo, C.-H.	Recent Advancements in the Valorization of Agro-Industrial Food Waste for the Production of Nanocellulose	Applied Sciences (Switzerland)	10.3390/app13106159	Corresponding Author
111	Lee, T.-W. Su, Y.-H. Chen, C.	Recovery and repurposing of waste isopropanol with CO ₂ -switchable deep eutectic solvents	Science of the Total Environment	10.1016/j.scitotenv.2023.165053	Corresponding Author
112	Liao, J.-R. Lin, K.-F. Chang, Y.-C.	Residual dense network with non-residual guidance for blind image denoising	Digital Signal Processing: A Review Journal	10.1016/j.dsp.2023.104052	First Author, Corresponding Author
113	Naderi, M. Mirfarah, E. Wang, W.-L. Lin, T.-I.	Robust mixture regression modeling based on the normal mean-variance mixture distributions	Computational Statistics and Data Analysis	10.1016/j.csda.2022.107661	First Author, Corresponding Author
114	Yang, C.-W. Tsai, C.-W. Chen, C.-A. Lin, J.	Robust Semi-Quantum Summation over a Collective-Dephasing Noise Channel	Mathematics	10.3390/math11061405	Corresponding Author
115	Dutta, A. Tung, S.-Y. Gupta, S.K. Tsai, M.-H. Nene, S.S.	Room-Temperature Superformability in Novel As-Cast High-Entropy Alloy During Compressive Loading	Advanced Engineering Materials	10.1002/adem.202201347	
116	Chen, H. Chang, W.-Y. Chiu, T.-L. Chiang, M.-C. Tsai, C.-W.	SEFSD: an effective deployment algorithm for fog computing systems	Journal of Cloud Computing	10.1186/s13677-023-00475-x	First Author
117	Yang, C.-W. Wang, H.-W. Lin, J. Tsai, C.-W.	Semi-Quantum Identification without Information Leakage	Mathematics	10.3390/math11020452	
118	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

No.	Authors	Title	Scopus Source title	DOI	Authorship
119	Chen, C.-H. Lai, Y.-T. Chen, C.-F. Wu, P.-T. Su, K.-J. Hsu, S.-Y. Dai, G.-J. Huang, Z.-Y. Hsu, C.-L. Lee, S.-Y. Shen, C.-H. Chen, H.-Y. Lee, C.-C. Hsieh, D.-R. Lin, Y.-F. Chao, T.-S. Lo, S.-T.	Single-Gate In-Transistor Readout of Current Superposition and Collapse Utilizing Quantum Tunneling and Ferroelectric Switching	Advanced Materials	10.1002/adma.202301206	
120	Laksono, A.D. Al-Audhah, L.Y.W. Chen, C.-M. Ho, Y.X. Yen, Y.-W.	Solid/Solid State Interfacial Reactions in the Sn-9Zn/Cu-Based Alloys (C1990 HP, Alloy 25, and C194) Couples	JOM	10.1007/s11837-023-05827-1	
121	Lai, H.-H. Hsieh, H. Kuo, C.-Y. Wu, W.	Solidification cracking nature and sequence of different stainless steels	Journal of Materials Research and Technology	10.1016/j.jmrt.2023.06.017	First Author, Corresponding Author
122	Wu, C.K.-W. Ling, C.-T. Goto, T. Kim, S.J. Hashimoto, T. Kilerci, E. Lin, Y.-W. Wang, P.-Y. Uno, Y. Ho, S.C.-C. Hsiao, T.Y.-Y.	Source counts at 7.7–21 μm in CEERS field with JWST	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stad1769	
123	Kao, W.-C. Xie, H.-X. Lin, C.-Y. Cheng, W.-H.	Specific Expert Learning: Enriching Ensemble Diversity via Knowledge Distillation	IEEE Transactions on Cybernetics	10.1109/TCYB.2021.3125320	
124	Li, T.-Y. Li, W.-J. Wey, M.-Y.	Strategies for designing hydrophobic MnCe-montmorillonite catalysts against water vapor for low-temperature NH ₃ -SCR	Fuel	10.1016/j.fuel.2023.128857	Corresponding Author
125	Chen, C.-C. Wang, J.-M. Huang, Y.-R. Yu, Y.-H. Wu, T.-M. Ding, S.-J.	Synergistic Effect of Thermoresponsive and Photocuring Methacrylated Chitosan-Based Hybrid Hydrogels for Medical Applications	Pharmaceutics	10.3390/pharmaceutics15041090	Corresponding Author
126	Ramesh, K.S. Saravanabhavan, M. Muhammad, S. Edison, D. Ho, M.-S. Sekar, M. Al-Sehemi, A.G.	Synthesis, physico-chemical characterization and quantum chemical studies of 2, 3-dimethyl quinoxalinium-5-sulphosalicylate crystal	Journal of Molecular Structure	10.1016/j.molstruc.2023.135425	
127	Lin, H.-T. Wang, P.-C.	TCAM-based packet classification for many-field rules of SDNs	Computer Communications	10.1016/j.comcom.2023.03.001	Corresponding Author
128	Pacifici, C. Iyer, K.G. Mobasher, B. da Cunha, E. Acquaviva, V. Burgarella, D. Calistro Rivera, G. Carnall, A.C. Chang, Y.-Y. Chartab, N. Cooke, K.C. Fairhurst, C. Kartaltepe, J. Leja, J. Malek, K. Salmon, B. Torelli, M. Vidal-García, A. Boquien, M. Brammer, G.G. Brown, M.J.I. Capak, P.L. Chevallard, J. Circosta, C. Croton, D. Davidzon, I. Dickinson, M. Duncan, K.J. Faber, S.M. Ferguson, H.C. Fontana, A. Guo, Y. Haeussler, B. Hemmati, S. Jafariyazani, M.	The Art of Measuring Physical Parameters in Galaxies: A Critical Assessment of Spectral Energy Distribution Fitting Techniques	Astrophysical Journal	10.3847/1538-4357/acacff	

No.	Authors	Title	Scopus Source title	DOI	Authorship
	Kassin, S.A. Larson, R.L. Lee, B. Mantha, K.B. Marchi, F. Nayyeri, H. Newman, J.A. Pandya, V. Pforr, J. Reddy, N. Sanders, R. Shah, E. Shahidi, A. Stevans, M.L. Triani, D.P. Tyler, K.D. Vanderhoof, B.N. de la Vega, A. Wang, W. Weston, M.E.				
129	Chen, Y.-J. Uan, J.-Y.	The Effect of Lithium Ion Leaching from Calcined Li–Al Hydrotalcite on the Rapid Removal of Ni ²⁺ /Cu ²⁺ from Contaminated Aqueous Solutions	Nanomaterials	10.3390/nano13091477	Corresponding Author
130	Chang, Y.-E. Lin, C.-M. Shen, J.-M. Luo, S.-F. Yu, K.-W. Wu, W.	The effect of the addition of alumina on the viscosity, surface tension, and foaming efficiency of 2.5(CaO/SiO ₂)-xAl ₂ O ₃ -yFeO-MgO melts	Ceramics International	10.1016/j.ceramint.2023.04.024	Corresponding Author
131	Sheu, W.-T. Lu, S.-H. Hsu, Y.-L.	The generally weighted moving average control chart for monitoring the process mean of autocorrelated observations	Annals of Operations Research	10.1007/s10479-023-05384-5	
132	Hsu, T.-Y. Hashimoto, T. Hatsukade, B. Goto, T. Wang, P.-Y. Ling, C.-T. Ho, S.C.-C. Uno, Y.	The molecular gas kinematics in the host galaxy of non-repeating FRB 180924B	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stac3655	
133	Lien, W.-C. Zhou, X.-R. Liang, Y.-J. Ching, C.T.-S. Wang, C.-Y. Lu, F.-I. Chang, H.-C. Lin, F.-H. Wang, H.-M.D.	Therapeutic potential of nanoceria pretreatment in preventing the development of urological chronic pelvic pain syndrome: Immunomodulation via reactive oxygen species scavenging and SerpinB2 downregulation	Bioengineering and Translational Medicine	10.1002/btm2.10346	Corresponding Author
134	Chen, J.-R. Tsai, W.-H. Su, C.-K.	TiO ₂ nanoparticle–Coated 3D-Printed porous monoliths enabling highly sensitive speciation of inorganic Cr, As, and Se	Analytica Chimica Acta	10.1016/j.aca.2023.341489	Corresponding Author
135	Elsyed, A.F.N. Wong, G.-L. Ameen, M. Wu, M.-W. Chang, C.-C.	Tunable Fluorescence via Self-Assembled Switching of AIE-Active Micelle-like Nanoaggregates	International Journal of Molecular Sciences	10.3390/ijms24129941	Corresponding Author
136	Wang, M.-W. Su, C.-K.	Tuning the fabrication of knotted reactors via 3D printing techniques and materials	Analytica Chimica Acta	10.1016/j.aca.2023.341295	Corresponding Author
137	Chang, C.-P. Lagitnay, R.B.J.S. Li, T.-R. Lai, W.-T. Derilo, R.C. Chuang, D.-Y.	Unleashing the Influence of cAMP Receptor Protein: The Master Switch of Bacteriocin Export in <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i>	International Journal of Molecular Sciences	10.3390/ijms24119752	Corresponding Author
138	Uno, Y. Hashimoto, T. Goto, T. Ho, S.C.-C. Hsu, T.-Y. Burns, R.	Upper limits on transmitter rate of extragalactic civilizations placed by Breakthrough Listen observations	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stad993	

No.	Authors	Title	Scopus Source title	DOI	Authorship
139	Li, M.-W. Chan, Y.-K. Yu, S.-S.	Use of CNN for Water Stress Identification in Rice Fields Using Thermal Imagery	Applied Sciences (Switzerland)	10.3390/app13095423	
140	Liu, J.-F. Chen, J.-H. Liao, S.-H. Chen, K.-L. Wei, W.-C. Chen, T.-Y. Chieh, J.-J. Huang, K.-W.	Versatile and Accessible Magnetic Diagnosis Platform with Different Types of Magnetic Particles for Liquid and Solid Biopsies	International Journal of Molecular Sciences	10.3390/ijms241210363	
141	Hsu, T.-C. Liao, Y.-S. Huang, C.-R.	Video Summarization With Spatiotemporal Vision Transformer	IEEE Transactions on Image Processing	10.1109/TIP.2023.3275069	Corresponding Author
142	Cho, S.-H. Kim, Y. Lee, S. Andrew Lin, K.-Y. Chen, W.-H. Jung, S. Lee, D. Hyun Moon, D. Jeon, Y.J. Kwon, E.E.	Virtuous utilization of carbon dioxide in pyrolysis of polylactic acid	Chemical Engineering Journal	10.1016/j.cej.2023.143307	
143	Chiang, H.-M. Lyu, J.-L. Lu, M.-E. Lin, Y.-H. Chan, S.-T. Lin, Y.-K. Chiang, C.-F.	Wasabi leaf supplementation had antioxidant, anti-glycation, and improved skin melanin, spot and moisture	Journal of Functional Foods	10.1016/j.jff.2022.105398	
144	Wang, C.-C. Lo, A.-Y. Cheng, M.-C. Chang, Y.-S. Shih, H.-C. Shieu, F.-S. Tsai, H.-T.	Zinc oxide nanostructures enhanced photoluminescence by carbon-black nanoparticles in Moiré heterostructures	Scientific Reports	10.1038/s41598-023-36847-1	Corresponding Author

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No.	Authors	Title	Scopus Source title	DOI	Authorship
1	Huang, R.-T.	A case study to explore the key factors that influence international students' immigration intention in Taiwan: A revised model of goal-directed behaviour	International Migration	10.1111/imig.13022	Corresponding Author
2	Wu, C. Chen, Y. Yeh, Y.	A Deep Recommendation Model Considering the Impact of Time and Individual Diversity	IEEE Transactions on Computational Social Systems	10.1109/TCSS.2023.3272633	First Author
3	Cheng, K.-H.	An epistemic curiosity-evoking model for immersive virtual reality narrative reading: User experience and the interaction among epistemic curiosity, transportation, and attitudinal learning	Computers and Education	10.1016/j.comp.edu.2023.104814	Corresponding Author
4	Tu, C.-C. Chang, M.-L. Chiao, Y.-C.	Are we all in the same boat? Appropriate response strategies to collective CSR crises	Asia Pacific Journal of Management	10.1007/s10490-021-09789-3	Corresponding Author
5	Tsai, C.-S. Wu, H.-C. Chen, W.-T. Ying, J.J.-C.	ATFS: A deep learning framework for angle transformation and face swapping of face de-identification	Multimedia Tools and Applications	10.1007/s11042-023-16123-0	First Author
6	Yu, C.-C. Huang, H.-W.	Audit Office's unused capacity and audit quality	Asia Pacific Management Review	10.1016/j.apmr.v.2022.07.005	First Author
7	Hung, C.-C. Gao, X. Liu, Z. Chai, Y. Liu, T. Liu, C.	CECM: A cognitive emotional contagion model in social networks	Multimedia Tools and Applications	10.1007/s11042-023-15394-x	First Author
8	Yin, S.-Y. Huang, Y. Chang, T.-Y. Chang, S.-F. Tseng, V.S.	Continual learning with attentive recurrent neural networks for temporal data classification	Neural Networks	10.1016/j.neunet.2022.10.031	Corresponding Author
9	Chen, H.-Y. Lin, C.-H. Lai, J.-W. Chan, Y.-K.	Convolutional Neural Network-Based Automated System for Dog Tracking and Emotion Recognition in Video Surveillance	Applied Sciences (Switzerland)	10.3390/app13074596	
10	Hsu, J.L. Sharma, P.	Disaster and risk management in outdoor recreation and tourism in the context of climate change	International Journal of Climate Change Strategies and Management	10.1108/IJCCS-M-10-2021-0118	First Author, Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
11	Liu, N. Wang, Y. Lin, Y.	Employees' Adaptation to Technology Uncertainty in the Digital Era: An Exploration Through the Lens of Job Demands-Resources Theory	IEEE Transactions on Engineering Management	10.1109/TEM.2023.3264293	
12	Huang, I.-C. Lee, P.-C. Nien, C.-L. Lin, C.-Y.	Exploring coaching leadership behaviors among top-division university badminton teams in Taiwan: A "Five Cardinal Relationships" (Wulun) perspective	International Journal of Sports Science and Coaching	10.1177/17479541221147656	
13	Chang, S.E. Yu, C.	Exploring Gamification for Live-Streaming Shopping - Influence of Reward, Competition, Presence and Immersion on Purchase Intention	IEEE Access	10.1109/ACCESS.2023.3284033	First Author, Corresponding Author
14	Huang, W.-H.	Get Rid of Mr. Virus: The Effect of Injunctive Anthropomorphism on the Intention to Engage in Protective Behavior	Health Communication	10.1080/10410236.2021.2017106	Corresponding Author
15	Lu, W. Leung, C. Sum, J.	Influence of Imperfections on the Operational Correctness of DNN- WTA Model	IEEE Transactions on Neural Networks and Learning Systems	10.1109/TNNLS.2023.3281523	
16	Chen, M.-H. Agrawal, S. Lin, S.-M. Liang, W.-L.	Learning communities, social media, and learning performance: Transactive memory system perspective	Computers and Education	10.1016/j.compedu.2023.104845	First Author
17	Tsao, H.-Y. Lin, C.-C. Lo, H.-Y. Lu, R.-S.	Predicting Consumer Personalities from What They Say	Applied Sciences (Switzerland)	10.3390/app13106148	First Author
18	Sum, J. Leung, C.-S.	Regularization Effect of Random Node Fault/Noise on Gradient Descent Learning Algorithm	IEEE Transactions on Neural Networks and Learning Systems	10.1109/TNNLS.2021.3107051	First Author, Corresponding Author
19	Wu, C.-W. Monfort, A.	Role of artificial intelligence in marketing strategies and performance	Psychology and Marketing	10.1002/mar.21737	First Author, Corresponding Author
20	Yamaka, W. Shi, R. Maneejuk, P. Chi, C.	Spatial Spillover Effects of Internet Development on Foreign Trade in China	Sustainability (Switzerland)	10.3390/su15054213	
21	Chang, M.-L. Tang, A.D. Cheng, C.-F. Chen, W.-K.	The bright side of environmental uncertainty for organizational learning: the moderating role of political skill	Asian Business and Management	10.1057/s41291-022-00185-3	First Author
22	Huang, H.-H. Stubbs, B. Chen, L.-J. Ku, P.-W. Hsu, T.-Y. Lin, C.-W. Weng, Y.-M. Wu, S.-H.	The effect of physical activity on sleep disturbance in various populations: a scoping review of randomized clinical trials	International Journal of Behavioral Nutrition and Physical Activity	10.1186/s12966-023-01449-7	

No.	Authors	Title	Scopus Source title	DOI	Authorship
23	Lin, K. Cheng, I. Huang, Y. Wei, C. Chang, W. Huang, C. Chen, N.	The Effects of the Badminton Teaching–Assisted System using Electromyography and Gyroscope on Learners' Badminton Skills	IEEE Transactions on Learning Technologies	10.1109/TLT.2023.3292215	
24	Huang, W.-H. Hsieh, S.-Y.	The impact of animal metaphors on consumer response to courtesy advertising	Journal of Retailing and Consumer Services	10.1016/j.jretconser.2023.103485	First Author, Corresponding Author
25	Chen, M.-Y.	The impacts of donors' perceived personal resource scarcity on their intentions to volunteer for low- and high-responsibility recipients: the mediating role of perceived social worth	International Journal of Advertising	10.1080/02650487.2023.2199672	Corresponding Author
26	Cheng, K.-H. Lee, S.W.-Y. Hsu, Y.-T.	The Roles of Epistemic Curiosity and Situational Interest in Students' Attitudinal Learning in Immersive Virtual Reality Environments	Journal of Educational Computing Research	10.1177/07356331221121284	First Author, Corresponding Author
27	Liu, C.-H. Dong, T.-P. Vu, H.T.	Transformed virtual concepts into reality: Linkage the viewpoint of entrepreneurial passion, technology adoption propensity and advantage to usage intention	Journal of Retailing and Consumer Services	10.1016/j.jretconser.2023.103452	
28	Hsu, Y.-S. Tang, K.-Y. Lin, T.-C.	Trends and Hot Topics of STEM and STEM Education: a Co-word Analysis of Literature Published in 2011–2020	Science and Education	10.1007/s11191-023-00419-6	
29	Hsiao, K.-L. Chen, C.-C. Lin, K.-Y. Hsu, H.-Y.	What drives online-to-offline purchase intention in a VR store? An examination of affective and cognitive factors	Quality and Quantity	10.1007/s11135-022-01510-w	