

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

(Time periods of data used : 20 July 2023~11 October 2023)

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1 、 Agriculture and Life Sciences

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1	Lin, C.-H. Cheng, S.-L. Chen, C.-Z. Chen, C.-H. Lin, S.-H. Wang, H.-C.	Current Progress of COPD Early Detection: Key Points and Novel Strategies	International Journal of COPD	10.2147/COPD.S413969	First Author, Corresponding Author
2	Sheu, M.-L. Pan, L.-Y. Yang, C.-N. Sheehan, J. Pan, L.-Y. You, W.-C. Wang, C.-C. Pan, H.-C.	Thrombin-Induced Microglia Activation Modulated through Aryl Hydrocarbon Receptors	International Journal of Molecular Sciences	10.3390/ijms241411416	First Author, Corresponding Author
3	Hsu, C.-Y. Yang, W.-T. Lin, J.-H. Lu, C.-H. Hu, K.-C. Lan, T.-H. Chang, C.-C.	Sertindole, an Antipsychotic Drug, Curbs the STAT3/BCL-xL Axis to Elicit Human Bladder Cancer Cell Apoptosis In Vitro	International Journal of Molecular Sciences	10.3390/ijms241411852	Corresponding Author
4	Kuo, Y.-H. Lai, T.-C. Chang, C.-H. Hsieh, H.-C. Yang, F.-M. Hu, M.-C.	5,6-Dichloro-1- β -D-ribofuranosylbenzimidazole (DRB) induces apoptosis in breast cancer cells through inhibiting of Mcl-1 expression	Scientific Reports	10.1038/s41598-023-39340-x	
5	Hsu, J.-Y. Chou, C.-C. Liao, C.-P. Lin, J.-W. Cheng, R.-C. Huang, W.-S.	Negative density-regulated contest performance promotes conflict resolution in a tree lizard	Functional Ecology	10.1111/1365-2435.14444	Corresponding Author
6	Huang, C.-L. Chu, H.-F. Wu, C.-C. Deng, F.-S. Wen, P.-J. Chien, S.-P. Chao, C.-H. Chen, Y.-T. Lu, M.-K. Tsai, Y.-C.	Exopolysaccharide is the potential effector of Lactobacillus fermentum PS150, a hypnotic psychobiotic strain	Frontiers in Microbiology	10.3389/fmicb.2023.1209067	
7	Lin, C.-Y. Ching, Y.-Y. Wu, S.-F. Lee, Y.-K. Fan, H.-C. Su, L.-Y. Tsai, S.-Y. Chen, Y.-C. Shen, C.-I. Su, H.-L.	Coating-Free Culture Medium for Establishing and Maintaining Human Induced Pluripotent Stem Cells	Cell Transplantation	10.1177/09636897231198172	Corresponding Author
8	Lin, W.-J. Lin, C.-W. Wu, H.-H. Kao, Y.-C. Lin, H.-J.	Mangrove carbon budgets suggest the estimation of net production and carbon burial by quantifying litterfall	Catena	10.1016/j.catena.2023.107421	First Author, Corresponding Author
9	Lin, S.-H. Chien, C.-H. Chang, K.-P. Lu, M.-F. Chen, Y.-T. Chu, Y.-W.	SaBrcada: Survival Intervals Prediction for Breast Cancer Patients by Dimension Raising and Age Stratification	Cancers	10.3390/cancers15143690	Corresponding Author
10	Ho, H. Yu, S.-L. Chen, H.-Y. Yuan, S.-S. Su, K.-Y. Hsu, Y.-C. Hsu, C.-P. Chuang, C.-Y. Chang, Y.-H. Li, Y.-C. Cheng, C.-L. Chang, G.-C. Yang, P.-C. Li, K.-C.	Whole exome sequencing and MicroRNA profiling of lung adenocarcinoma identified risk prediction features for tumors at stage I and its substages	Lung Cancer	10.1016/j.lungcan.2023.107352	Corresponding Author
11	Ku, H.-Y. Lin, S.-M. Wang, C.-L. Lo, Y.-T.C. Chang, C.-S. Chang, G.-C. Ch'ang, H.-J. Liu, T.-W.	Impact of pathological nodal staging and tumour differentiation on survival and postoperative radiotherapy in completely resected stage IIIA Non-small-cell lung cancer	Lung Cancer	10.1016/j.lungcan.2023.107357	

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12	Huang, C.-Y. Lin, F.-Y. Lu, C.-H. Chen, J.-K.	Ultrafast absorption mechanism of oil-emulsified micelles onto ferrous absorbents with dielectrophoresis force in the presence of polarization	Journal of Hazardous Materials	10.1016/j.jhazmat.2023.132436	Corresponding Author
13	Jardim, B.R. Tran-Nguyen, L.T.T. Gambley, C. Al-Sadi, A.M. Al-Subhi, A.M. Foissac, X. Salar, P. Cai, H. Yang, J.-Y. Davis, R. Jones, L. Rodoni, B. Constable, F.E.	The observation of taxonomic boundaries for the 16SrII and 16SrXXV phytoplasmas using genome-based delimitation	International Journal of Systematic and Evolutionary Microbiology	10.1099/ijsem.0005977	
14	Kuntner, M. Čandek, K. Gregorič, M. Turk, E. Hamilton, C.A. Chamberland, L. Starrett, J. Cheng, R.-C. Coddington, J.A. Agnarsson, I. Bond, J.E.	Increasing Information Content and Diagnosability in Family-Level Classifications	Systematic Biology	10.1093/sysbio/syad021	
15	Lin, Y.-T. Wu, S.-Y. Lee, T.-H.	Salinity effects on expression and localization of aquaporin 3 in gills of the euryhaline milkfish (<i>Chanos chanos</i>)	Journal of Experimental Zoology Part A: Ecological and Integrative Physiology	10.1002/jez.2744	Corresponding Author
16	Saffari, M. Chen, I.-H. Huang, P.-C. O'brien, K.S. Hsieh, Y.-P. Chen, J.-K. Chang, Y.-H. Jiang, X. Bevan, N. Chang, Y.-L. Chen, J.-S. Tsai, C.-C. Griffiths, M.D. Lin, C.-Y.	Measurement Invariance and Psychometric Evaluation of the Tendency to Avoid Physical Activity and Sport Scale (TAPAS) Among Mainland Chinese University Students	Psychology Research and Behavior Management	10.2147/PRBM.S425804	
17	Sheu, M.-L. Pan, L.-Y. Yang, C.-N. Sheehan, J. Pan, L.-Y. You, W.-C. Wang, C.-C. Chen, H.-S. Pan, H.-C.	Neuronal Death Caused by HMGB1-Evoked via Inflammasomes from Thrombin-Activated Microglia Cells	International Journal of Molecular Sciences	10.3390/ijms241612664	First Author, Corresponding Author
18	Wang, C.-L. Hsu, K.-H. Chang, Y.-H. Ho, C.-C. Chiang, C.-J. Chen, K.-C. Cheung, Y.-C. Huang, P.-C. Chen, Y.-R. Chen, C.-Y. Hsu, C.-P. Hsia, J.-Y. Chen, H.-Y. Yang, S.-Y. Li, Y.-J. Yang, T.-Y. Tseng, J.-S. Chuang, C.-Y. Hsiung, C.A. Chen, Y.-M. Huang, M.-S. Yu, C.-J. Chen, K.-Y. Su, W.-C. Chen, J.J.W. Yu, S.-L. Chen, C.-J. Yang, P.-C. Tsai, Y.-H. Chang, G.-C.	Low-Dose Computed Tomography Screening in Relatives With a Family History of Lung Cancer	Journal of Thoracic Oncology	10.1016/j.jtho.2023.06.018	Corresponding Author
19	Li, H.-H. Su, M.P. Wu, S.-C. Tsou, H.-H. Chang, M.-C. Cheng, Y.-C. Tsai, K.-N. Wang, H.-W. Chen, G.-H. Tang, C.-K. Chung, P.-J. Tsai, W.-T. Huang, L.-R. Yueh, Y.A. Chen, H.-W. Pan, C.-Y. Akbari, O.S. Chang, H.-H. Yu, G.-Y. Marshall, J.M. Chen, C.-H.	Mechanical transmission of dengue virus by <i>Aedes aegypti</i> may influence disease transmission dynamics during outbreaks	eBioMedicine	10.1016/j.ebiom.2023.104723	

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20	Lai, C.-M. Huang, Y.-M. Liu, C.-P. Su, T.-H.	Optimum Boron Supplementation Enhances Growth and Nutrient Uptake of Broad-Leaved Tree Seedlings	Journal of Soil Science and Plant Nutrition	10.1007/s42729-023-01296-2	
21	Lai, Y.-H. Sun, H.-C. Chang, M.-H. Li, C.-C. Shyu, J.-G. Perng, Y.-S.	Development of bio-mechanical rice straw pulp by high consistency kneader with thermal and Alkaline	Heliyon	10.1016/j.heliyon.2023.e19317	Corresponding Author
22	Lin, C.-M. Herianto, S. Hsieh, C.-W. Shih, M.-K. Ciou, J.-Y. Huang, J.-C. Liu, T.-T. Chen, H.-L. Hou, C.-Y.	Coupling ozone with microbubbles (OMB) water for food disinfection: Effects on microbiological safety, physicochemical quality, and reducing pink discoloration of jumbo squid (<i>Dosidicus gigas</i>)	Journal of Cleaner Production	10.1016/j.jclepro.2023.138036	
23	Liu, Y.-C. Chen, T.-H. Huang, Y.-F. Chen, C.-L. Nai, Y.-S.	Investigation of the fall armyworm (<i>Spodoptera frugiperda</i>) gut microbiome and entomopathogenic fungus-induced pathobiome	Journal of Invertebrate Pathology	10.1016/j.jip.2023.107976	Corresponding Author
24	Tung, Y.-T. Chen, Y.-L. Fan, T.-Y. Fong, T.-H. Chiu, W.-C.	Effects of dietary adjustment of n-3:n-6 fatty-acid ratio to 1:2 on anti-inflammatory and insulin-signaling pathways in ovariectomized mice with high fat diet-induced obesity	Heliyon	10.1016/j.heliyon.2023.e20451	First Author
25	Li, W.-H. Hsu, L.-C. Tzou, Y.-M. Chen, Y.-C. Teah, H.Y. Kung, Y.-Y. Chen, H.-Y. Liu, Y.-T.	Hybridize magnesium-iron layered double hydroxide with biopolymers to develop multiple pathways for phosphate sorption and release: A potential slow release phosphorus fertilizer	Chemical Engineering Journal	10.1016/j.cej.2023.145451	Corresponding Author
26	Lin, M.J. Chang, S.C. Lin, L.J. Peng, S.Y. Lee, T.T.	Effect of the age and sex on growth performance and feather quality of 13 to 25-weeks-old White Roman geese	Poultry Science	10.1016/j.psj.2023.102941	Corresponding Author
27	Chang, C.-K. Tsai, S.-Y. Gavahian, M. Cheng, K.-C. Hou, C.-Y. Yudhistira, B. Lin, S.-H. Santoso, S.P. Hsieh, C.-W.	Direct and alternating current electric fields affect pectin esterase and cellulase in tomato (<i>Solanum lycopersicum</i> L.) fruit during storage	Postharvest Biology and Technology	10.1016/j.postharvbio.2023.112495	First Author, Corresponding Author
28	Chang, H.-H. Gustian, D. Chang, C.-J. Jan, F.-J.	Seed and Pollen Transmission of Tomato Leaf Curl New Delhi Virus, Tomato Leaf Curl Taiwan Virus, and Tomato Yellow Leaf Curl Thailand Virus in Cucumbers and Tomatoes	Plant Disease	10.1094/PDIS-09-22-2164-RE	First Author, Corresponding Author
29	Shih, H.-Y. Chang, Y.-M. Descovich, K. Liang, W.-Y. Chou, C.-H. Lin, Y.-C.	Perceptions of Taiwanese owners and behaviour veterinarians on behavioural problems in dogs and preferred training approaches	Applied Animal Behaviour Science	10.1016/j.applanim.2023.106026	
30	Wu, S.-W. Huang, H. Tsai, S.-F. Lin, C.-Y.	Identification of aeolian dust hotspots in the lower reaches of Zhuoshui river in Taiwan using environmental indicators	Ecological Indicators	10.1016/j.ecolind.2023.110864	Corresponding Author

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31	Tsai, P.-H. Wu, P.-C. Li, H.-R. Senthil Kumar, K.J. Wang, S.-Y.	Hirami lemon (<i>Citrus reticulata</i> var. <i>depressa</i>) modulates the gut-brain axis in a chronic mild stress-induced depression mouse model	Food and Function	10.1039/d3fo01301d	Corresponding Author
32	Chang, C.-K. Yang, Y.-T. Gavahian, M. Cheng, K.-C. Hou, C.-Y. Chen, M.-H. Santoso, S.P. Hsieh, C.-W.	Prolonging the shelf-life of atemoya (<i>Annona cherimola</i> × <i>Annona squamosa</i>) using pulsed electric field treatments	Innovative Food Science and Emerging Technologies	10.1016/j.ifset.2023.103458	First Author, Corresponding Author
33	Liao, T.-Z. Chen, Y.-H. Tsai, J.-N. Chao, C. Huang, T.-P. Hong, C.-F. Wu, Z.-C. Tsai, I.J. Lee, H.-H. Klopfenstein, N.B. Kim, M.-S. Stewart, J.E. Atibalentja, N. Brooks, F.E. Cannon, P.G. Farid, A.M. Hattori, T. Kwan, H.-S. Lam, R.Y.C. Ota, Y. Sahashi, N. Schlub, R.L. Shuey, L.S. Tang, A.M.C. Chung, C.-L.	Translocation of Fungicides and Their Efficacy in Controlling <i>Phellinus noxius</i> , the Cause of Brown Root Rot Disease	Plant Disease	10.1094/PDIS-06-22-1285-RE	
34	Tsai, H.-W. Lee, Y.-C.	Effects of land use change and crop rotation practices on farmland ecosystem service valuation	Ecological Indicators	10.1016/j.ecolin.d.2023.110998	
35	Lee, Y.-C. Liu, Y.-F.	Co-benefits of preserving urban farmland as climate change adaptation strategy: An emergy approach	Ecological Indicators	10.1016/j.ecolin.d.2023.110722	First Author, Corresponding Author
36	Chen, Y.-N. Wu, D.-H. Chen, M.-C. Hsieh, M.-T. Jwo, W.-S. Lin, G.-C. Chen, R.-K. Chou, H.-P. Chen, P.-C.	Dynamics of spatial and temporal population structure of <i>Pyricularia oryzae</i> in Taiwan	Pest Management Science	10.1002/ps.7621	Corresponding Author
37	Wu, S.-W. Chan, W.-Y. Lin, C.-Y.	A predictive model incorporating geomorphic factors for assessing the longevity of landslide-dammed lakes	Landslides	10.1007/s10346-023-02155-y	Corresponding Author
38	Chong, Y.-H. Do, D.-H. Cheng, H.-W. Raja, J.A.J. Ngo, X.-T. Hwang, S.-G. Yeh, S.-D.	Generation of Attenuated Mutants of East Asian <i>Passiflora</i> Virus for Disease Management by Cross Protection	Molecular Plant-Microbe Interactions	10.1094/MPMI-11-22-0238-R	Corresponding Author
39	Lee, T.T. Zheng, H.T. Shih, C.H. Chang, S.C. Lin, L.J.	Effects of <i>Phyllanthus emblica</i> leaves and branches mixture on growth performance, oxidative status and intestinal characteristics in broiler chickens	Italian Journal of Animal Science	10.1080/1828051X.2023.2235403	First Author, Corresponding Author
40	Tu, C.-W. Huang, Y.-W. Lee, C.-W. Kuo, S.-Y. Lin, N.-S. Hsu, Y.-H. Hu, C.-C.	Argonaute 5-mediated antiviral defense and viral counter-defense in <i>Nicotiana benthamiana</i>	Virus Research	10.1016/j.virusres.2023.199179	Corresponding Author
41	Shung, C.-C. Hsin, K.-Y. Tan, F.-J. Chen, S.-E.	The Defeathering Effect by Scalding in Chickens Follows Their Intrinsic Dermal Histologies	Animals	10.3390/ani13162584	Corresponding Author

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42	Ahmed, M.M.M. Liu, Y.-T. Venkatesan, S. Wu, M.C. Nail, H.M. Tzou, D.-L.M. Lin, M.-C. Chen, K.-Y. Tzou, Y.-M.	Promotion of the catalytic polymerization of hydroquinone towards humic-like substances by graphitic carbon nitride	Journal of Environmental Chemical Engineering	10.1016/j.jece.2023.111026	
43	Liao, J.-R. Tu, W.-C. Chiu, M.-C. Kuo, M.-H. Cheng, H.-C. Chan, C.-C. Dai, S.-M.	Joint influence of architectural and spatiotemporal factors on the presence of <i>Aedes aegypti</i> in urban environments	Pest Management Science	10.1002/ps.7634	Corresponding Author
44	Lin, S.-P. Sung, T.-H. Angkawijaya, A.E. Go, A.W. Hsieh, C.-W. Hsu, H.-Y. Santoso, S.P. Cheng, K.-C.	Enhanced exopolysaccharide production of <i>Cordyceps militaris</i> via mycelial cell immobilization on plastic composite support in repeated-batch fermentation	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2023.126267	
45	Chiu, Y.-Y. Wu, Y.-H. Fu, K.-L. Lai, T.-C. Chen, H.-E. Chen, S.-C.	Nature-Based Solutions for Disaster Reduction and Improving Ecosystem Services in the Hutoubi Watershed, Taiwan	Water (Switzerland)	10.3390/w15142527	First Author, Corresponding Author
46	Tang, Y.-C. Chuang, Y.-J. Chang, H.-H. Juang, S.-H. Yen, G.-C. Chang, J.-Y. Kuo, C.-C.	How to deal with frenemy NRF2: Targeting NRF2 for chemoprevention and cancer therapy	Journal of Food and Drug Analysis	10.38212/2224-6614.3463	Corresponding Author
47	Wu, C.-C. Singh, K. Ye, J.-X. Chuang, Y.-S. Wen, H.-W.	A microfluidic chip integrating electrochemical impedimetric immunosensors constructed by top-bottom opposite electrodes for rapid detection of peanut allergen-Ara h 1	Sensors and Actuators B: Chemical	10.1016/j.snb.2023.134637	First Author, Corresponding Author
48	Chi, H.-Y. Ou, S.-L. Wang, M.-C. Yang, C.-Y.	Physiological responses and Ethylene-Response AP2/ERF Factor expression in <i>Indica</i> rice seedlings subjected to submergence and osmotic stress	BMC Plant Biology	10.1186/s12870-023-04380-y	Corresponding Author
49	Chang, P.-H. Mukhopadhyay, R. Sarkar, B. Mei, Y.-C. Hsu, C.-H. Tzou, Y.-M.	Insight and mechanisms of tetracycline adsorption on sodium alginate/montmorillonite composite beads	Applied Clay Science	10.1016/j.clay.2023.107127	First Author, Corresponding Author
50	Liao, J.-R. Liao, Y.-H. Liao, K.-M. Wu, H.-H. Tu, W.-C. Lin, Y.-H.	Nationwide survey of ticks on domesticated animals in Taiwan: Revealing the hidden threat to animal and public health	Medical and Veterinary Entomology	10.1111/mve.12692	Corresponding Author
51	Lee, S.-C. Liou, M.-R. Hsu, Y.-H. Wang, I.-N. Lin, N.-S.	Trade-off between local replication and long-distance dissemination during experimental evolution of a satellite RNA	Frontiers in Microbiology	10.3389/fmicb.2023.1139447	Corresponding Author
52	Kao, C.-C. Lin, J.-Y.	<i>Lactiplantibacillus plantarum</i> subsp. <i>plantarum</i> BCRC10069 co-fermented cucumber safety and functional characteristics	Food Bioscience	10.1016/j.fbio.2023.103085	Corresponding Author

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53	Tang, H. Lu, K.-J. Zhang, Y. Cheng, Y.-L. Tu, S.-L. Friml, J.	Divergence of trafficking and polarization mechanisms for PIN auxin transporters during land plant evolution	Plant Communications	10.1016/j.xplc.2023.100669	
54	Ho, Y.-T. Liu, I.-H. Chang, S.-T. Wang, S.-Y. Chang, H.-T.	In Vitro and In Vivo Antimelanogenesis Effects of Leaf Essential Oil from <i>Agathis dammara</i>	Pharmaceutics	10.3390/pharmaceutics15092269	
55	Lin, K.-H. Chen, S.-P. Su, Y.-R. Tsai, Y.-H. Lin, H.-H.	Waterlogging influences the physiology index and antioxidant enzyme activity in <i>Cucurbita maxima</i> and <i>Cucurbita moschata</i>	Horticulture Environment and Biotechnology	10.1007/s13580-023-00552-9	Corresponding Author
56	Thakur, H. Agarwal, S. Hradecký, J. Sharma, G. Li, H.-F. Yang, S.-E. Sehadová, H. Chandel, R.S. Hylíš, M. Mathur, V. Šobotník, J. Sillam-Dussès, D.	The Trail-Following Communication in <i>Stylotermes faveolus</i> and <i>S. halumicus</i> (Blattodea, Isoptera, Stylotermitidae)	Journal of Chemical Ecology	10.1007/s10886-023-01447-w	
57	Hsiao, Y.-S. Hwang, C. Chen, T.-W. Cho, Y.-H.	Assessing Models of Sea Level Rise and Mean Sea Surface with Sentinel-3B and Jason-3 Altimeter Data near Taiwan: Impacts of Data Quality and Length	Remote Sensing	10.3390/rs15143640	First Author
58	Lao, C.K. Ou, J.-H. Fan, Y.-C. Wu, T.-S. Sun, P.-L.	Clinical manifestations and susceptibility of <i>Scedosporium/Lomentospora</i> infections at a tertiary medical centre in Taiwan from 2014 to 2021: A retrospective cohort study	Mycoses	10.1111/myc.13632	
59	Liao, J.-R. Chiu, M.-C. Kuo, M.-H.	Reassessing the presence of alien predatory mites and their prospects in the face of future climate change	Pest Management Science	10.1002/ps.7722	Corresponding Author
60	Lin, T.-Y. Wu, Y.-T. Chang, H.-J. Huang, C.-C. Cheng, K.-C. Hsu, H.-Y. Hsieh, C.-W.	Anti-Inflammatory and Anti-Oxidative Effects of Polysaccharides Extracted from Unripe <i>Carica papaya</i> L. Fruit	Antioxidants	10.3390/antiox12081506	Corresponding Author
61	Wang, E.S.-T. Weng, Y.-J.	Influence of social media influencer authenticity on their followers' perceptions of credibility and their positive word-of-mouth	Asia Pacific Journal of Marketing and Logistics	10.1108/APJM-L-02-2023-0115	First Author, Corresponding Author
62	Yang, C.-S. Ko, T.-P. Chen, C.-J. Hou, M.-H. Wang, Y.-C. Chen, Y.	Crystal structure and functional implications of cyclic di-pyrimidine-synthesizing cGAS/DncV-like nucleotidyltransferases	Nature Communications	10.1038/s41467-023-40787-9	Corresponding Author
63	Namisy, A. Huang, J.-H. Rakha, M. Hong, C.-F. Chung, W.-H.	Resistance to <i>Fusarium oxysporum</i> f. sp. <i>luffae</i> in <i>Luffa</i> Germplasm Despite <i>Hypocotyl</i> Colonization	Plant Disease	10.1094/PDIS-08-22-1986-RE	Corresponding Author

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64	Chiu, Y.-Y. Wu, J.-Y. Chen, H.-E. Tsou, C.-Y. Chen, S.-C.	Interaction between driftwood deposition patterns and debris flow fan development	Landslides	10.1007/s10346-023-02116-5	First Author, Corresponding Author
65	Lo, S.-C. Tsai, S.-Y. Chang, W.-H. Wu, I.-C. Sou, N.-L. Hung, S.-H.W. Chiang, E.-P.I. Huang, C.-C.	Characterization of the Pyrroloquinoline Quinone Producing Rhodopseudomonas palustris as a Plant Growth-Promoting Bacterium under Photoautotrophic and Photoheterotrophic Culture Conditions	International Journal of Molecular Sciences	10.3390/ijms241814080	First Author
66	Tsao, N.-W. Sun, Y.-H. Chu, F.-H. Chien, S.-C. Wang, S.-Y.	Savinin Triggers Programmed Cell Death of Ray Parenchyma Cells in Heartwood Formation of <i>Taiwania cryptomerioides</i> Hayata	Plants	10.3390/plants12173031	First Author, Corresponding Author
67	Wang, B.-Y. Chang, Y.-Y. Shiu, L.-Y. Lee, Y.-J. Lin, Y.-W. Hsu, Y.-S. Tsai, H.-T. Hsu, S.-P. Su, L.-J. Tsai, M.-H. Xiao, J.-H. Lin, J.-A. Chen, C.-H.	An integrated analysis of dysregulated SCD1 in human cancers and functional verification of miR-181a-5p/SCD1 axis in esophageal squamous cell carcinoma	Computational and Structural Biotechnology Journal	10.1016/j.csbj.2023.08.009	First Author, Corresponding Author
68	Weng, T.-L. Wang, Y.-M. Chang, S. Chen, T.-J. Hwang, S.-J.	ChatGPT failed Taiwan's Family Medicine Board Exam	Journal of the Chinese Medical Association	10.1097/JCMA.0000000000000946	Corresponding Author
69	Chiu, P.-F. Lin, P.-R. Tsai, C.-C. Hsieh, Y.-P.	The impact of acute kidney injury with or without recovery on long-term kidney outcome in patients undergoing living liver transplantation	Nephrology Dialysis Transplantation	10.1093/ndt/gfad005	Corresponding Author
70	Lo, C.-M. Lai, K.-L.	Deep learning-based assessment of knee septic arthritis using transformer features in sonographic modalities	Computer Methods and Programs in Biomedicine	10.1016/j.cmpb.2023.107575	
71	Chen, L.-J. Liu, C.-K. Wang, S.-C. Lin, T.-T. Ou, Y.-H. Lin, C.-M.	Impact of cerebral collateral flow on stroke outcomes after carotid stenting	Annals of Clinical and Translational Neurology	10.1002/acn3.51894	Corresponding Author
72	Liu, C.-C. Cheng, Y.-F. Ke, P.-C. Chen, Y.-L. Lin, C.-M. Wang, B.-Y.	Prediction of Surgical Outcome by Tumor Volume Doubling Time via Stereo Imaging Software in Early Non-Small Cell Lung Cancer	Cancers	10.3390/cancers15153952	Corresponding Author
73	Yang, M.-Y. Goh, C.-H. Wu, C.-Y. Chiu, Y.-P. Ji, H.-R. Hsiao, I.-H. Chiu, C.-D.	An Analysis of the Clinical and Radiological Prognostic Factors Affecting the Outcomes of Lumbar Intradiscal Biacuplasty	International Journal of Medical Sciences	10.7150/ijms.85777	First Author
74	Tsou, H.-K. Wu, C.-H. Chan, L.Y. Kataoka, K. Itokazu, N. Tsuzuki, M. Hu, H. Zhuo, G.-Y. Itaka, K. Lin, C.-Y.	Administration of mRNA-Nanomedicine-Augmented Calvarial Defect Healing via Endochondral Ossification	Pharmaceutics	10.3390/pharmaceutics15071965	First Author

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75	Pan, T.-Y. Chang, C.-C. Chen, H.-T. Tsou, H.-K. Lin, Y.-C. Hsu, C.-H.	Effectiveness of Teriparatide for Spine Fusion in Osteoporotic Patient: A Systematic Review and Meta-Analysis of Comparative Studies	World Neurosurgery	10.1016/j.wneu.2023.07.056	
76	Huang, Y.-T. Mao, Y.-C. Tseng, C.-H. Liu, C.-W. Liu, P.-Y.	Identification of combinatorial mutations associated with colistin resistance in <i>Shewanella</i> algae	Microbes and Infection	10.1016/j.micinf.2023.105143	Corresponding Author
77	Shih, P.-C. Lee, Y.-H. Tsou, H.-K. Cheng-Chung Wei, J.	Recent targets of osteoarthritis research	Best Practice and Research: Clinical Rheumatology	10.1016/j.berh.2023.101851	
78	Yang, T.-Y. Chern, G.-I. Wang, W.-H. Shih, C.-J.	Synthesis, Characterization, and Bioactivity of Mesoporous Bioactive Glass Codoped with Zinc and Silver	International Journal of Molecular Sciences	10.3390/ijms241813679	Corresponding Author
79	Yeh, H.-W. Chung, C.-T. Chang, C.-K. Yeh, C.-B. Wang, B.-Y. Lee, C.-Y. Wang, Y.-H. Yeh, L.-T. Yang, S.-F.	Association of Glaucoma with the Risk of Peripheral Arterial Occlusive Disease: A Retrospective Population-Based Cohort Study	Journal of Clinical Medicine	10.3390/jcm12144800	Corresponding Author
80	Liao, Y.-W. Chen, Y.-M. Hsieh, T.-Y. Hung, W.-T. Hsu, C.-Y. Wen, M.-C. Chen, Y.-H. Huang, W.-N.	Renal Histopathology Associated With Kidney Failure and Mortality in Patients With Lupus Nephritis: A Long-Term Real-World Data Study	The Journal of rheumatology	10.3899/jrheum.220345	
81	Wang, L.-A. Chuang, Y.-C. Yeh, T.-K. Lin, K.-P. Lin, C.-J. Liu, P.-Y.	<i>Talaromyces amestolkiae</i> Infection in an AIDS Patient with Cryptococcal Meningitis	Journal of Fungi	10.3390/jof9090932	Corresponding Author
82	Chiang, C.-Y. Lin, C.-B. Chien, S.-T. Wang, C.-H. Huang, Y.-W. Huang, W.-C. Yu, M.-C. Lee, J.-J. Rieder, H.L.	Incremental yield of serial sputum examinations in the diagnosis of pulmonary tuberculosis in Taiwan: Findings of a pragmatic trial	Journal of Microbiology, Immunology and Infection	10.1016/j.jmii.2023.09.006	
83	Chu, W.-M. Kuo, W.-Y. Tung, Y.-C.	Effects of different palliative care models on decedents with kidney failure receiving maintenance dialysis: a nationwide population-based retrospective observational study in Taiwan	BMJ Open	10.1136/bmjopen-2022-069835	First Author
84	Yang, M.-Y. Chiu, C.-D. Ke, Y.-C. Yang, Y.-C. Chang, K.-B. Chen, C.-M. Lee, H.-T. Tang, C.-L. Liu, B.-S. Hung, H.-S.	Differentiation Induction of Mesenchymal Stem Cells by a Au Delivery Platform	Cells	10.3390/cells12141893	First Author
85	Tsai, C.-Y. Tsai, S.C.-S. Shen, G.-Q. Guo, G.-L.R. Tsui, Z.-L.G. Hsieh, M.-Y. Yuan, C. Lin, F.C.-F.	Simulation education utilizing phantom and angle reference guide in pulmonary nodule CT localization	Heliyon	10.1016/j.heliyon.2023.e18329	
86	Liu, Y.-T. Wu, W.-H. Tseng, W.-T. Lin, H.-C. Wu, M.-S. Chen, P.-F. Wu, I.-C.	Lower HbA1C of glycemic control is associated with higher risk of depressive symptoms in elderly with	Journal of Psychosomatic Research	10.1016/j.jpsychores.2023.111492	First Author, Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
		type 2 diabetes mellitus—A Nationwide Community-based study			
87	Wang, Y.-H. Tsai, S.C.-S. Lin, F.C.-F.	Reduction of Blood Loss by Means of the Cavitron Ultrasonic Surgical Aspirator for Thoracoscopic Salvage Anatomic Lung Resections	Cancers	10.3390/cancers15164069	
88	Lai, C.-L. Lin, C.-H. Su, Y.-C. Shih, Y.-H. Wang, C.-C. Teng, C.-L.J. Chou, C.-W.	Survival outcomes of patients with head and neck squamous cell cancer with hepatitis B virus infection: An analysis from an endemic tertiary center	Cancer Medicine	10.1002/cam4.5469	Corresponding Author
89	Chu, W.-M. Ho, H.-E. Yeh, C.-J. Wei, J.C.-C. Arai, H. Lee, M.-C.	Additive effect of frailty with distinct multimorbidity patterns on mortality amongst middle-aged and older adults in Taiwan: A 16-year population-based study	Geriatrics and Gerontology International	10.1111/ggi.14647	First Author
90	Cheng, Y.-F. Huang, J.-Y. Lin, C.-H. Wang, B.-Y.	The prognosis of clinical stage IIIa non-small cell lung cancer in Taiwan	Cancer Medicine	10.1002/cam4.6357	Corresponding Author
91	Chen, Y.-C. Huang, Y.-C. Chen, J.-P. Tsai Mc, M.-C. Fu, L.-S.	The correlation between trajectories of serum C3 variability and clinical course in Pediatric-onset systemic lupus erythematosus	Journal of Microbiology, Immunology and Infection	10.1016/j.jmii.2023.07.007	Corresponding Author
92	Kuo, W.-H. Chu, P.-Y. Wang, C.-C. Huang, P.-S. Chan, S.-H.	MAP7D3, a novel prognostic marker for triple-negative breast cancer, drives cell invasiveness and cancer-initiating cell properties to promote metastatic progression	Biology Direct	10.1186/s13062-023-00400-x	
93	Liao, Y.-J. Chen, Y.-T. Hsiao, T.-H. Lin, C.-H. Wu, M.-F. Hsu, C.-Y. Chen, Y.-M. Hsu, C.-S.	CYP2C19 genotypes and osteoporotic fractures in long-term users of proton pump inhibitors: A hospital-based study	Clinical and Translational Science	10.1111/cts.13620	Corresponding Author
94	Ho, H.-Y. Chen, M.-K. Lin, C.-C. Lo, Y.-S. Chuang, Y.-C. Hsieh, M.-J.	Epiberberine suppresses the metastasis of head and neck squamous cell carcinoma cells by regulating the MMP-13 and JNK pathway	Journal of Cellular and Molecular Medicine	10.1111/jcmm.17954	Corresponding Author
95	Lin, T.-L. Kuo, C.-M. Chang, Y.-L. Ho, H.J. Chen, Y.-J. Wu, C.-Y.	Risk of Psychiatric Disorders in Patients with Psoriasis Prescribed Acitretin versus Disease-Modifying Antirheumatic Drugs: A Nationwide Matched Cohort Study	Dermatology	10.1159/000529602	Corresponding Author
96	Ho, H.-Y. Lin, C.-C. Lo, Y.-S. Chuang, Y.-C. Abomughaid, M.M. Hsieh, M.-J.	Picrasidine J, a Dimeric β -Carboline-Type Alkaloid from <i>Picrasma quassioides</i> , Inhibits Metastasis of Head and Neck Squamous Cell Carcinoma	International Journal of Molecular Sciences	10.3390/ijms241713230	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
97	Lee, T.-H. Wu, M.-C. Lee, M.-H. Liao, P.-L. Lin, C.-C. Wei, J.C.-C.	Influence of Helicobacter pylori infection on risk of rheumatoid arthritis: a nationwide population-based study	Scientific Reports	10.1038/s41598-023-42207-w	
98	Chuang, Y.-C. Tsai, Y.-L. Lin, T.T.-L. Ou-Yang, L.-J. Lee, Y.-C. Cheng, Y.-Y. Liu, C.-C. Hsu, C.-S.	Effects of soft robotic exosuit on ambulation ability in stroke patients: a systematic review	BioMedical Engineering Online	10.1186/s12938-023-01150-7	Corresponding Author
99	Hsieh, M.-J. Lin, J.-T. Chuang, Y.-C. Lin, C.-C. Lo, Y.-S. Ho, H.-Y. Chen, M.-K.	Limocitrin increases cytotoxicity of KHYG-1 cells against K562 cells by modulating MAPK pathway	Environmental Toxicology	10.1002/tox.23929	First Author
100	Chen, P.-K. Chang, J.-H. Ke, L.-Y. Kao, J.-K. Chen, C.-H. Yang, R.-C. Yoshimura, T. Ito, E. Tsai, J.-J.	Advanced Detection Method for Dengue NS1 Protein Using Ultrasensitive ELISA with Thio-NAD Cycling	Viruses	10.3390/v15091894	
101	Vo, T.-L.-T. Cai, X.-M. Liao, J.-W. Huang, L.-G. Chen, C.-L. Wu, C.-H. Song, T.-Y.	Safety Assessment and Hepatic–Renal Protection of Cajanus cajan (L.) Millsp. Root and Its Soy Isoflavone Contents	Nutrients	10.3390/nu15183963	
102	Wu, C.-C. Tzeng, C.-Y. Chang, C.-Y. Wang, J.-D. Chen, Y.-F. Chen, W.-Y. Kuan, Y.-H. Liao, S.-L. Wang, W.-Y. Chen, C.-J.	NMDA receptor inhibitor MK801 alleviated pro-inflammatory polarization of BV-2 microglia cells	European Journal of Pharmacology	10.1016/j.ejphar.2023.175927	
103	Hsieh, J.-C. Chuang, S.-T. Hsu, Y.-T. Ho, S.-T. Li, K.-Y. Chou, S.-H. Chen, M.-J.	In vitro ruminal fermentation and cow-to-mouse fecal transplantations verify the inter-relationship of microbiome and metabolome biomarkers: potential to promote health in dairy cows	Frontiers in Veterinary Science	10.3389/fvets.2023.1228086	
104	Wu, H.-M. Chiang, C.-Y. Chen, W.-Y. Chen, C.-J. Tseng, C.-C. Chang, Y.-C. Cheng, W.-M. Kuan, Y.-H.	Cyclizine-induced proinflammatory responses through Akt-NFκB pathway in macrophages	Environmental Toxicology	10.1002/tox.23913	
105	Keetanon, A. Chuchird, N. Phansawat, P. Kitsanayanyong, L. Chou, C.-C. Verstraete, P. Ménard, R. Richards, C.S. Ducharme, F. Rairat, T.	Effects of black soldier fly larval meal on the growth performance, survival, immune responses, and resistance to Vibrio parahaemolyticus infection of Pacific white shrimp (Litopenaeus vannamei)	Aquaculture International	10.1007/s10499-023-01267-5	
106	Hsu, T.-H. Wu, T.-J. Tai, Y.-A. Huang, C.-S. Liao, J.-W. Yeh, S.-L.	The combination of quercetin and leucine synergistically improves grip strength by attenuating muscle atrophy by multiple mechanisms in mice exposed to cisplatin	PLoS ONE	10.1371/journal.pone.0291462	
107	Rairat, T. Phansawat, P. Keetanon, A. Kachapol, P. Kumphaphat, S. Kitsanayanyong, L. Chou, C.-C. Chuchird, N.	Effects of tributyrin on the growth performance, survival, tolerance to hypoxic stress, and nutrient digestibility of Pacific white shrimp, Litopenaeus vannamei, fed different levels of soybean meal	Journal of the World Aquaculture Society	10.1111/jwas.13016	

No.	Authors	Title	Scopus Source title	DOI	Authorship
108	Wu, C.-F. Chen, S.-H. Chou, C.-C. Wang, C.-M. Huang, S.-W. Kuo, H.-C.	Serotype and multilocus sequence typing of <i>Streptococcus suis</i> from diseased pigs in Taiwan	Scientific Reports	10.1038/s41598-023-33778-9	
109	Chen, Y.-Y. Liu, S.-H. Nurmatov, U. van Schayck, O.C.P. Kuo, I.C.	Antibiotics versus placebo for acute bacterial conjunctivitis	Cochrane Database of Systematic Reviews	10.1002/14651858.CD001211.pub4	
110	Lee, Y.-L. Ko, W.-C. Hsueh, P.-R.	Geographic patterns of <i>Acinetobacter baumannii</i> and carbapenem resistance in the Asia-Pacific Region: results from the Antimicrobial Testing Leadership and Surveillance (ATLAS) program, 2012-2019	International Journal of Infectious Diseases	10.1016/j.ijid.2022.12.010	
111	Kuo, M.-J. Ton, A.N.-K. Lo, L.-W. Lin, Y.-J. Chang, S.-L. Hu, Y.-F. Chung, F.-P. Tuan, T.-C. Chao, T.-F. Liao, J.-N. Chang, T.-Y. Lin, C.-Y. Kuo, L. Wu, C.-I. Liu, C.-M. Cheng, W.-H. Liu, S.-H. Chhay, C. Kao, P.-H. Chen, W.-T. Hsu, C.-Y. Chen, S.-A.	Abnormal Conduction Zone Detected by Isochronal Late Activation Mapping Accurately Identifies the Potential Atrial Substrate and Predicts the Atrial Fibrillation Ablation Outcome after Pulmonary Vein Isolation	Circulation: Arrhythmia and Electrophysiology	10.1161/CIRCEP.122.011149	
112	Cheng, S.-H. Lien, C.E. Hsieh, S.-M. Cheng, C.-Y. Liu, W.-D. Lo, C.-L. Ko, W.-C. Chen, Y.-H. Huang, C.-T. Chang, H.-T. Hwang, S.-J. Wang, N.-C. Liu, M.-C. Lee, Y.-L. Tai, I.-C. Estrada, J.A.G. Lin, T.-Y. Lee, W.-S.	A Retrospective Study of the Safety and Immunogenicity of MVC-COV1901 Vaccine for People Living with HIV	Vaccines	10.3390/vaccines11010018	
113	Chen, L.-J. Chiu, C.-H. Huang, J.-Y. Chen, P.-J. Su, P.-H. Yang, S.-F. Chen, J.-Y.	Maternal diabetes mellitus and birth defects in Taiwan: A 5-year nationwide population-based cohort study	Journal of the Chinese Medical Association	10.1097/JCMA.0000000000000925	Corresponding Author
114	Chi, C.-C. Wu, Y.-W. Chao, T.-H. Chen, C.-C. Chen, Y.-J. Cheng, H.-M. Chiu, H.-Y. Chiu, Y.-W. Chung, W.-H. Hsieh, T.-Y. Huang, P.-H. Huang, Y.-H. Lin, S.-H. Lin, T.-H. Ueng, K.-C. Wang, C.-C. Wang, Y.-C. Wu, N.-L. Jia-Yin Hou, C. Tsai, T.-F.	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	Journal of the Formosan Medical Association	10.1016/j.jfma.2022.10.010	
115	Tsai, T.-Y. Lo, L.-W. Cheng, W.-H. Liu, S.-H. Lin, Y.-J. Chang, S.-L. Hu, Y.-F. Chung, F.-P. Liao, J.-N. Tuan, T.-C. Chao, T.-F. Lin, C.-Y. Chang, T.-Y. Liu, C.-M. Chheng, C. Hermanto, D.Y. An, T.N. Elimam, A.M.M. Huang, T.-C. Lee, P.-T. Lee, C.-H. Chen, S.-A.	10-Year Outcomes of Patients With Non-Paroxysmal Atrial Fibrillation Undergoing Catheter Ablation	Circulation Journal	10.1253/circj.CJ-22-0062	

No.	Authors	Title	Scopus Source title	DOI	Authorship
116	Huang, P.-H. Cheng, Y.-T. Hsieh, H.-C. Ko, W.-C. Lu, W.-C. Li, P.-H.	Effects of transglutaminase on the physicochemical properties of surimi and kamaboko prepared by thermal and low level-pressure treatments	LWT	10.1016/j.lwt.2023.114863	
117	Ku, Y.-C. Chen, Y.-C. Hung, C.-M. Ng, C.S.	The genetic variation of a mitochondrial and two behaviour-related genes in invasive African Sacred Ibis (<i>Threskiornis aethiopicus</i>) populations in Taiwan	Ibis	10.1111/ibi.13146	
118	Tseng, B.-S. Huang, C.-C. King, Y.-C. Wu, M.-T. Hsieh, C.-H. Hsieh, K.-T. Hsing, Y.-I. Jeng, S.-T.	Hydrogen peroxide regulates the Osa-miR156-OsSPL2/OsTIFY11b module in rice	Plant Cell and Environment	10.1111/pce.14605	
119	Liu, C.-M. Lin, F.-J. Chen, Y.-C. Lin, Y.-K. Lu, Y.-Y. Chan, C.-S. Higa, S. Chen, S.-A. Chen, Y.-J.	Modulation of post-pacing action potential duration and contractile responses on ventricular arrhythmogenesis in chloroquine-induced long QT syndrome	European Journal of Pharmacology	10.1016/j.ejphar.2023.175493	
120	Chang, K.-C. Lin, C.-H. Chen, P.-L. Wu, Y.-H. Hou, C.-W. Huang, J.-A.	Severe lupus flare is associated with a much higher risk of stroke among patients with SLE	International Journal of Stroke	10.1177/17474930231174227	
121	Yang, C.-M. Chien, M.-Y. Wang, L.-Y. Chuang, C.-H. Chen, C.-H.	Goji Ferment Ameliorated Acetaminophen-Induced Liver Injury in vitro and in vivo	Probiotics and Antimicrobial Proteins	10.1007/s12602-022-09956-y	First Author
122	Chen, P.-C. Yeh, Y.-M. Chu, C.-T. Su, P.-F. Chiu, P.-H. Lin, B.-W. Chen, S.-H. Lin, P.-C. Lee, C.-T. Chen, H.H.W. Chen, C.-C.	HER2 amplification in colorectal cancer with brain metastasis: A propensity score matching study	European Journal of Cancer	10.1016/j.ejca.2022.12.019	
123	Jiang, R.-S. Su, M.-C.	Comparison of mycology between different types of chronic rhinosinusitis	Journal of the Chinese Medical Association	10.1097/JCMA.0000000000000905	
124	Lai, H.-C. Juan, P.-K. Chang, S.-L. Tsai, J.-F. Su, Y.-H. Su, H.-W.	Obstetric and Neonatal Outcomes Associated with Implementation of a COVID-19 Predelivery Screening Policy in a Taiwan Hospital	JAMA Network Open	10.1001/jamanetworkopen.2023.3367	
125	Lee, Y.-L. Ko, W.-C. Hsueh, P.-R.	In vitro activity of imipenem/relebactam, meropenem/vaborbactam and comparators against Enterobacterales from patients with intra-abdominal infections: Results of the study for Monitoring Antimicrobial Resistance Trends (SMART) in Taiwan, 2020	Journal of Microbiology, Immunology and Infection	10.1016/j.jmii.2022.10.004	
126	Chiu, M.-C. Nukazawa, K. Resh, V.H. Watanabe, K.	Environmental effects, gene flow and genetic drift: Unequal influences on genetic structure across landscapes	Journal of Biogeography	10.1111/jbi.14537	

No.	Authors	Title	Scopus Source title	DOI	Authorship
127	Lu, W.-C. Cheng, Y.-T. Lai, C.-J. Chiang, B.-H. Huang, P.-H. Li, P.-H.	Mathematical modeling of modified atmosphere package/LDPE film combination and its application to design breathing cylinders for extending the shelf life of green asparagus	Chemical and Biological Technologies in Agriculture	10.1186/s40538-023-00386-8	
128	Chen, C.-L. Wang, S.-T. Cheng, W.-C. Wu, B.-R. Liao, W.-C. Hsu, W.-H.	Outcomes and Prognostic Factors in Critical Patients with Hematologic Malignancies	Journal of Clinical Medicine	10.3390/jcm12030958	
129	Yang, C.-P. Yang, C.-C. Tsai, I.-J. Lin, T.-H. Chiou, Y.-L. Wang, H.-F. Chang, C.-M. Yih, K.-H.	The immediate effects of lavender-based essential oil inhalation on subsequent polysomnography in people with poor sleep quality	Journal of the Chinese Medical Association	10.1097/JCMA.0000000000000932	
130	Tseng, Y.-J. Lu, F.-I. Wu, S.M.	Generational effects and abnormalities in craniofacial chondrogenesis in zebrafish (Danio rerio) embryos upon maternal exposure to estrogen endocrine disrupting chemicals	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	10.1016/j.cbpc.2023.109743	
131	Jiang, R.-S. Yan, K. Chiang, Y.-F. Chiang, P.-J.	The Effect of Chinese Herbal Medicine on Traumatic Anosmia: A Prospective, Randomized Clinical Trial	Laryngoscope	10.1002/lary.30676	
132	Liao, C.-H. Yen, C.-C. Chen, H.-L. Liu, Y.-H. Chen, Y.-H. Lan, Y.-W. Chen, K.-R. Chen, W. Chen, C.-M.	Novel Kefir Exopolysaccharides (KEPS) Mitigate Lipopolysaccharide (LPS)-Induced Systemic Inflammation in Luciferase Transgenic Mice through Inhibition of the NF-κB Pathway	Antioxidants	10.3390/antiox12091724	
133	Yang, Y. Li, G. Zhong, Y. Xu, Q. Chen, B.-J. Lin, Y.-T. Chapkin, R.S. Cai, J.J.	Gene knockout inference with variational graph autoencoder learning single-cell gene regulatory networks	Nucleic Acids Research	10.1093/nar/gkad450	
134	Chen, T.-B. Chang, C.-M. Yang, C.-C. Tsai, I.-J. Wei, C.-Y. Yang, H.-W. Yang, C.-P.	Neuroimmunological Effect of Vitamin D on Neuropsychiatric Long COVID Syndrome: A Review	Nutrients	10.3390/nu15173802	
135	Liao, W.-J. Lee, K.-T. Chiang, L.-Y. Liang, C.-H. Chen, C.-P.	Postoperative Rehabilitation after Anterior Cruciate Ligament Reconstruction through Telerehabilitation with Artificial Intelligence Brace during COVID-19 Pandemic	Journal of Clinical Medicine	10.3390/jcm12144865	
136	Wu, C.-E. Liao, Y.-H. Wu, C.-L. Yen, R.-F. Lin, C.-C. Yang, M.-H. Yen, C.-C. Su, W.-C. Yen, C.-J. Chang, Y.-F. Wu, M.-F. Yang, Y. Lin, C.-Y. Yang, W.-C. Wang, H.-C. Li, C.-Y. Ho, Y.-Y. Chang, Y.-Y. Wu, C.-S. Hsu, H.-C. Chen, K.-H. Huang, Y. Chen, C.-J. Chuang, P.-J. Lai, Y.-C.	Clinical practice consensus for the diagnosis and management of melanoma in Taiwan	Journal of the Formosan Medical Association	10.1016/j.jfma.2023.07.016	

No.	Authors	Title	Scopus Source title	DOI	Authorship
	Huang, Y.-Y. Tseng, N.-C. Huang, Y.-T. Chu, C.-Y. Wen-Cheng Chang, J.				
137	Lo, Y.-C. Blamires, S.J. Liao, C.-P. Tso, I.-M.	Nocturnal and diurnal predator and prey interactions with crab spider color polymorphs	Behavioral Ecology and Sociobiology	10.1007/s00265-023-03291-0	
138	Tang, S.-K. Lee, P.-H. Liou, W.-T. Lin, C.-H. Huang, Y.-M. Kuo, L.-Y.	Fern Spores—"Ready-to-Use" Standards for Plant Genome Size Estimation Using a Flow Cytometric Approach	Plants	10.3390/plants12010140	
139	Liu, S.-H. Chao, T.-F. Chan, Y.-H. Liao, J.-N. Chen, T.-J. Lip, G.Y.H. Chen, S.-A.	Non-vitamin K antagonist oral anticoagulants in atrial fibrillation patients without previous oral anticoagulants or stable under warfarin: a nationwide cohort study	Europace	10.1093/europace/euad120	
140	Muldoon, K. Feng, Y. Dooher, T. O'Connor, C. Wang, B. David Wang, H.-M. Ahmad, Z. McLaughlin, J. Chang, M.-W.	Development of hybrid 3D-printed structure with aligned drug-loaded fibres using in-situ custom designed templates	Journal of Drug Delivery Science and Technology	10.1016/j.jddst.2023.104921	
141	Wu, Y.-J. Huang, T.-Y. Huang, C.-Y. Lin, C.-C. Wang, W.-L. Huang, H.-C. Liu, S.-Y.V. Chao, C.-H. Sheu, J.-H.	Anti-Inflammatory Halogenated Monoterpenes from the Red Alga <i>Portieria hornemannii</i>	Marine Drugs	10.3390/md21090493	
142	Chen, P.-J. Lin, C.-W. Lu, H.-J. Chuang, C.-Y. Yang, S.-F. Chou, Y.-E.	The impact of FOXP3 polymorphisms on oral cancer progression and clinicopathological characteristics	Journal of Cancer	10.7150/jca.84470	
143	Chang, C.-Y. Lee, Y.-L. Huang, Y.-T. Ko, W.-C. Ho, M.-W. Hsueh, P.-R.	In vitro activity of imipenem/relebactam, meropenem/vaborbactam and comparators against Enterobacterales causing urinary tract infection in Taiwan: results from the Study for Monitoring Antimicrobial Resistance Trends (SMART), 2020	International Journal of Antimicrobial Agents	10.1016/j.ijantimicag.2023.106815	
144	Lee, Y.-L. Liu, C.-E. Ko, W.-C. Hsueh, P.-R.	In vitro susceptibilities of <i>Stenotrophomonas maltophilia</i> isolates to antimicrobial agents commonly used for related infections: Results from the Antimicrobial Testing Leadership and Surveillance (ATLAS) program, 2004-2020	International Journal of Antimicrobial Agents	10.1016/j.ijantimicag.2023.106878	
145	Lee, Y.-L. Ko, W.-C. Hsueh, P.-R.	In vitro activities of ceftazidime–avibactam, ceftolozane–tazobactam, meropenem–vaborbactam and other comparators against <i>Pseudomonas aeruginosa</i> isolates with discrepant resistance to carbapenems: Data from the Antimicrobial Testing Leadership and Surveillance (ATLAS) program, 2012–2021	International Journal of Antimicrobial Agents	10.1016/j.ijantimicag.2023.106867	

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146	Bailey, M. Hsieh, E.-J. Tsai, H.-H. Ravindran, A. Schmidt, W.	Alkalinity modulates a unique suite of genes to recalibrate growth and pH homeostasis	Frontiers in Plant Science	10.3389/fpls.2023.1100701	Corresponding Author
147	Hsu, C.-Y. Yang, C.-H. Tung, M.-C. Liu, H.-J. Ou, Y.-C.	Theranostic Robot-Assisted Radical Prostatectomy: Things Understood and Not Understood	Cancers	10.3390/cancers15174288	
148	Han, W.-Y. Hou, B.-H. Lee, W.-C. Chan, T.-C. Lin, T.-H. Chen, H.-M.	Arabidopsis mRNA decay landscape shaped by XRN 5'-3' exoribonucleases	Plant Journal	10.1111/tpj.16181	Corresponding Author
149	Liao, W.-C. Wang, C.-H. Sun, T.-H. Su, Y.-C. Chen, C.-H. Chang, W.-T. Chen, P.-L. Shiue, Y.-L.	The Antimicrobial Effects of Colistin Encapsulated in Chelating Complex Micelles for the Treatment of Multi-Drug-Resistant Gram-Negative Bacteria: A Pharmacokinetic Study	Antibiotics	10.3390/antibiotics12050836	
150	Kumar, V.B. Lee, C.-H. Su, T.-C. Lin, C.-C. Mohammedsaleh, Z.M. Yeh, C.-M. Kiefer, R. Lin, S.-H.	Prognostic and Clinical Implications of UNC13C expression in Hepatocellular Carcinoma Patients	International Journal of Medical Sciences	10.7150/ijms.80488	
151	Bearz, A. Martini, J.-F. Jassem, J. Kim, S.-W. Chang, G.-C. Shaw, A.T. Shepard, D.A. Dall'O', E. Polli, A. Thurm, H. Zalcman, G. Garcia Campelo, M.R. Penkov, K. Hayashi, H. Solomon, B.J.	Efficacy of Lorlatinib in Treatment-Naive Patients With ALK-Positive Advanced NSCLC in Relation to EML4::ALK Variant Type and ALK With or Without TP53 Mutations	Journal of Thoracic Oncology	10.1016/j.jtho.2023.07.023	
152	Chang, Y.-T. Chen, C.-C. Chang, S.-C. Chang, Y.-Y. Lin, B.-W. Chen, H.-H. Hsieh, Y.-Y. Hsu, H.-C. Hsieh, M.-C. Kuan, F.-C. Wu, C.-C. Lu, W.-C. Su, Y.-L. Liang, Y.-H. Chen, J.-B. Huang, S.-Y. Huang, C.-W. Wang, J.-Y.	Efficacy and Safety of a Parenteral Nutrition Program for Patients with RAS Wild-Type Metastatic Colorectal Cancer Administered First-Line Cetuximab Plus Chemotherapy: A Propensity Score Matching Study	Nutrients	10.3390/nu15132971	
153	Chen, C.-C. Lai, C.-H. Chang, C.-L. Cheng, W.-F. Pwu, R.-F. Tsai, J. Wang, P.-H. Whang-Peng, J. Lai, G.-M.	Managing the transition in cervical screening methods for Taiwan: Policy recommendations and perspectives	Journal of the Formosan Medical Association	10.1016/j.jfma.2023.06.018	
154	Hsu, C.-T. Lee, C.-I. Lin, F.-S. Wang, F.-Z. Chang, H.-C. Wang, T.-E. Huang, C.-C. Tsao, H.-M. Lee, M.-S. Agarwal, A.	Live motile sperm sorting device for enhanced sperm-fertilization competency: comparative analysis with density-gradient centrifugation and microfluidic sperm sorting	Journal of Assisted Reproduction and Genetics	10.1007/s10815-023-02838-4	
155	Ting, K.-H. Lu, Y.-T. Hsin, C.-H. Lee, C.-Y. Huang, J.-Y. Yang, S.-F. Hsieh, M.-H.	Correlation between coronary heart disease severity and subsequent chronic rhinosinusitis severity: A retrospective cohort study	International Journal of Medical Sciences	10.7150/ijms.86601	
156	Lee, Y.-J. Lin, Y.-P. Cheng, E.-H. Chen, C.-H. Huang, C.-C. Lin, P.-Y. Lee, T.-H. Lee, M.-S.	The presence of vacuoles in blastocysts is negatively associated with euploidy and live birth rates	Fertility and Sterility	10.1016/j.fertnstert.2023.04.023	

No.	Authors	Title	Scopus Source title	DOI	Authorship
157	Nail, H.M. Chiu, C.-C. Leung, C.-H. Ahmed, M.M.M. Wang, H.-M.D.	Exosomal miRNA-mediated intercellular communications and immunomodulatory effects in tumor microenvironments	Journal of Biomedical Science	10.1186/s12929-023-00964-w	
158	Li, G.-Y. Chen, Y.-Y. Lin, Y.-J. Chien, K.-L. Hsieh, Y.-C. Chung, F.-P. Lo, L.-W. Chang, S.-L. Chao, T.-F. Hu, Y.-F. Lin, C.-Y. Chen, S.-A.	Ablation of atrial fibrillation and dementia risk reduction during long-term follow-up: a nationwide population-based study	Europace	10.1093/europace/euad109	
159	Kuo, M.-H. Lin, Y.-J. Huang, W.-W. Chiang, K.-T. Tu, M.-Y. Chu, C.-M. Lai, C.-Y.	G Tolerance Prediction Model Using Mobile Device–Measured Cardiac Force Index for Military Aircrew: Observational Study	JMIR mHealth and uHealth	10.2196/48812	
160	Hong, Z.-B. Lai, Y.-T. Chen, C.-H. Chen, Y.-J. Chen, C.-C. Lin, W.-C.	Trichomonas tenax induces barrier defects and modulates the inflammatory cytotoxicity of gingival and pulmonary epithelial cells	Parasite	10.1051/parasite/2023010	
161	Cheng, W.-C. Shen, Y.-C. Chen, C.-L. Liao, W.-C. Chen, C.-H. Chen, H.-J. Tu, C.-Y. Hsia, T.-C.	Bevacizumab versus Ramucirumab in EGFR-Mutated Metastatic Non-Small-Cell Lung Cancer Patients: A Real-World Observational Study	Cancers	10.3390/cancers15030642	
162	Tsai, Y.-G. Liao, P.-F. Hsiao, K.-H. Wu, H.-M. Lin, C.-Y. Yang, K.D.	Pathogenesis and novel therapeutics of regulatory T cell subsets and interleukin-2 therapy in systemic lupus erythematosus	Frontiers in Immunology	10.3389/fimmu.2023.1230264	
163	Liu, T.-Y. Hsu, H.-Y. You, Y.-S. Hsieh, Y.-W. Lin, T.-C. Peng, C.-W. Huang, H.-Y. Chang, S.-S. Tsai, F.-J.	Efficacy of Warfarin Therapy Guided by Pharmacogenetics: A Real-world Investigation Among Han Taiwanese	Clinical Therapeutics	10.1016/j.clinthera.2023.04.006	
164	Chen, M.-C. Hung, M.-Y. Pan, C.-M. Huang, S.-W. Jan, C.-I. Li, Y.-H. Chiu, S.-C. Cho, D.-Y.	Pemetrexed combined with dual immune checkpoint blockade enhances cytotoxic T lymphocytes against lung cancer	Cancer Science	10.1111/cas.15806	
165	Hsu, J.-Y. Chiang, S.-O. Yang, C.-C. Hsieh, T.-W. Chung, C.-J. Maoid, Y.-C.	Nationwide and long-term epidemiological research of snakebite envenomation in Taiwan during 2002–2014 based on the use of snake antivenoms: A study utilizing National Health Insurance Database	PLoS Neglected Tropical Diseases	10.1371/journal.pntd.0011376	
166	Nguyen, V.C. Nakamura, Y.	Distinctly localized lipid phosphate phosphatases mediate endoplasmic reticulum glycerolipid metabolism in Arabidopsis	Plant Cell	10.1093/plcell/koad021	
167	Fan, Y.-C. Fong, Y.-C. Kuo, C.-T. Li, C.-W. Chen, W.-Y. Lin, J.-D. Bürtin, F. Linnebacher, M. Bui, Q.T. Lee, K.-D. Tsai, Y.-C.	Tumor-derived interleukin-1 receptor antagonist exhibits immunosuppressive functions and promotes pancreatic cancer	Cell and Bioscience	10.1186/s13578-023-01090-8	

No.	Authors	Title	Scopus Source title	DOI	Authorship
168	Chang, P.-J. Lin, C.-F. Juang, Y.-H. Chiu, J.-Y. Lee, L.-C. Lin, S.-Y. Huang, Y.-H.	Death place and palliative outcome indicators in patients under palliative home care service: an observational study	BMC Palliative Care	10.1186/s12904-023-01167-8	
169	Huang, N.-C. Tien, H.-C. Yu, T.-S.	Arabidopsis leaf-expressed AGAMOUS-LIKE 24 mRNA systemically specifies floral meristem differentiation	New Phytologist	10.1111/nph.19293	Corresponding Author
170	Huang, T.-C. Lo, L.-W. Chou, Y.-H. Lin, W.-L. Chang, S.-L. Lin, Y.-J. Liu, S.-H. Cheng, W.-H. Liu, P.-Y. Chen, S.-A.	Renal denervation reverses ventricular structural and functional remodeling in failing rabbit hearts	Scientific Reports	10.1038/s41598-023-35954-3	
171	Chiu, C.-S. Cheng, Y.-T. Chan, Y.-J. Lu, W.-C. Yang, K.-M. Li, P.-H.	Mechanism and inhibitory effects of cactus (<i>Opuntia dillenii</i>) extract on melanocytes and its potential application for whitening cosmetics	Scientific Reports	10.1038/s41598-022-26125-x	
172	Jamil, S. Chiou, C.-C. Muqaddas, H. Ullah, H. Asif, M. Rao, S. Hussain, H. Fatima, Q. Nasreen, N. Niaz, S. Dzul-Rosado, K. Khan, A. Iqbal, F. Chen, C.-C.	Simultaneous molecular detection of <i>Anaplasma marginale</i> and <i>Theileria annulata</i> in cattle blood samples collected from Pakistan-Afghanistan boarder region	PLoS ONE	10.1371/journal.pone.0288050	
173	Irfan, M. Chang, S.-C. Iqbal, R.K. Tanveer, M. Asif, M. Khan, A. Nasreen, N. Atif, F.A. Shaikh, R.S. Aktas, M. Said, M.B. Iqbal, F. Chen, C.-C.	Seasonality, epidemiology and phylogeny of <i>Theileria ovis</i> with a note on hematological and biochemical changes in asymptomatic infected goats from Pakistan	PLoS ONE	10.1371/journal.pone.0290620	
174	Tsai, T.-Y. Lo, L.-W. Lin, W.-L. Chou, Y.-H. Cheng, W.-H. Liu, S.-H. Yang, C.C.H. Kuo, T.B.J. Chen, S.-A.	Neural mechanism facilitating PM2.5-related cardiac arrhythmias through cardiovascular autonomic and calcium dysregulation in a rat model	Scientific Reports	10.1038/s41598-023-41148-8	
175	Lee, M.-F. Chu, Y.-W. Wu, C.-S. Lee, M.-H. Chen, Y.-H. Wang, N.M.	Indoor aeroallergens from American cockroaches and mites initiate atopic march via cutaneous contact in a murine model	PLoS ONE	10.1371/journal.pone.0289138	
176	Chen, H.-H. Lee, C.-I. Huang, C.-C. Cheng, E.-H. Lee, T.-H. Lin, P.Y. Chen, C.-H. Lee, M.-S.	Biphasic oxygen tension promotes the formation of transferable blastocysts in patients without euploid embryos in previous monophasic oxygen cycles	Scientific Reports	10.1038/s41598-023-31472-4	
177	Chen, C.-H. Lee, C.-I. Huang, C.-C. Chen, H.-H. Chang, C.-Y. Cheng, E.-H. Lin, P.-Y. Chen, C.-I. Lee, T.-H. Lee, M.-S.	Increased incidence of live births in implanted day 5 versus day 6 blastocysts following single embryo transfers with PGT-A	Scientific Reports	10.1038/s41598-023-40052-5	
178	Lin, C.-Y. Chang, T.-Y. Hu, Y.-F. Hsieh, Y.-C. Chen, Y.-J. Yeh, H.-I. Lin, Y.-J. Chang, S.-L. Lo, L.-W. Chao, T.-F. Chung, F.-P. Liao, J.-N. Tuan, T.-C. Chen, S.-A.	Epicardial electrical heterogeneity after amiodarone treatment increases vulnerability to ventricular arrhythmias under therapeutic hypothermia	PLoS ONE	10.1371/journal.pone.0282943	

No.	Authors	Title	Scopus Source title	DOI	Authorship
179	Alotaibi, B.S. Malak, N. Khan, A. Nasreen, N. Niaz, S. Ahmad, I. Khan, A. Rodriguez-Vivas, R.I. Chen, C.-C.	Acaricidal assessment of the fungal extract of <i>Pleurotus ostreatus</i> against <i>Rhipicephalus microplus</i> : Role of in vitro and in silico analysis	Heliyon	10.1016/j.heliyon.2023.e19600	
180	Hu, Y.-H. Hung, J.-H. Hu, L.-Y. Huang, S.-Y. Shen, C.-C.	An analysis of Chinese nursing electronic medical records to predict violence in psychiatric inpatients using text mining and machine learning techniques	PLoS ONE	10.1371/journal.pone.0286347	
181	Fan, L. Ye, Q. Lu, W. Chen, D. Zhang, C. Xiao, L. Meng, X. Lee, Y.-C. Wang, H.-M.D. Xiao, C.	The properties and preparation of functional starch: a review	Food Reviews International	10.1080/87559129.2021.2015375	
182	Lu, Y.-Y. Chen, Y.-C. Lin, Y.-K. Chen, S.-A. Chen, Y.-J.	Electrical and Structural Insights into Right Ventricular Outflow Tract Arrhythmogenesis	International Journal of Molecular Sciences	10.3390/ijms241411795	
183	Chung, C.-H. Lin, C.-Y. Chen, C.-Y. Hsueh, C.-W. Chang, Y.-W. Wang, C.-C. Chu, P.-Y. Tai, S.-K. Yang, M.-H.	Ferroptosis Signature Shapes the Immune Profiles to Enhance the Response to Immune Checkpoint Inhibitors in Head and Neck Cancer	Advanced Science	10.1002/advs.202204514	
184	Huang, T.-H. Chen, C.-J. Lin, H.-C.A. Chen, C.-H. Fang, J.-Y.	Self-Nanoemulsifying Drug Delivery System-Containing the Poorly Absorbed Drug - Valsartan in Post-Bariatric Surgery	International Journal of Nanomedicine	10.2147/IJN.S394624	
185	Chiu, H.-H. Chang, S.-L. Cheng, H.-M. Chao, T.-F. Lin, Y.-J. Lo, L.-W. Hu, Y.-F. Chung, F.-P. Liao, J.-N. Tuan, T.-C. Lin, C.-Y. Chang, T.-Y. Kuo, L. Liu, C.-M. Tsai, Y.-N. Huang, Y.-T. Chang, Y.-L. Wung, J.-C. Chen, S.-A.	Shared decision making for anticoagulation reduces anxiety and improves adherence in patients with atrial fibrillation	BMC Medical Informatics and Decision Making	10.1186/s12911-023-02260-x	
186	Malak, N. Alotaibi, B.S. Khan, A. Khan, A. Ullah, S. Nasreen, N. Niaz, S. Chen, C.-C.	Density Functional Theory Calculations and Molecular Docking Analyses of Flavonoids for Their Possible Application against the Acetylcholinesterase and Triose-Phosphate Isomerase Proteins of <i>Rhipicephalus microplus</i>	Molecules	10.3390/molecules28083606	
187	Yu, L.-Y. Hsu, C.-H. Li, C.-Y. Hong, S.-Y. Chen, C.-R. Chen, C.-S.	Evaluating the biological effectiveness of boron neutron capture therapy by using microfluidics-based pancreatic tumor spheroids	Analyst	10.1039/d2an01812h	Corresponding Author
188	Shih, M.-C. Li, C.-L. Liao, E.-C. Yen, C.-Y. Yen, L.-J. Wang, K.-C. Lu, L.-Y. Chou, T.-Y. Chen, Y.-C. Yu, S.-J.	Inhibition of NLRP3 Inflammasome Activation by 3H-1,2-Dithiole-3-Thione: A Potential Therapeutic Approach for Psoriasis Treatment	International Journal of Molecular Sciences	10.3390/ijms241713528	
189	Lin, C.-H. Chang, H.-C. Liu, S.-T. Hu, H.-J.	Vitamin D regulates ion regulation by affecting the ionocyte differentiation in zebrafish (<i>Danio rerio</i>) larvae	Frontiers in Marine Science	10.3389/fmars.2023.1141116	

No.	Authors	Title	Scopus Source title	DOI	Authorship
190	Ou, Y.-C. Ou, H.-C. Juan, Y.-S. Narasimhan, R. Mottrie, A. Weng, W.-C. Huang, L.-H. Lin, Y.-S. Hsu, C.-Y. Yang, C.-H. Tung, M.-C.	Robot-assisted radical prostatectomy using hugo RAS system: The pioneer experience in Taiwan and Northeast Asia	International Journal of Medical Robotics and Computer Assisted Surgery	10.1002/rcs.2577	
191	Lee, Y.J. Loh, W.Q. Dang, T.K. Teng, C.W.C. Pan, W.-C. Wu, C.-D. Chia, S.E. Seow, W.J.	Determinants of residential greenness and its association with prostate cancer risk: A case-control study in Singapore	Environmental Research	10.1016/j.envres.2023.116903	
192	Cheng, Y.-T. Huang, P.-H. Lu, W.-C. Chu, S.-C. Wang, P.-M. Ko, W.-C. Li, P.-H.	Creating added-value filet product from rainbow trout (<i>Oncorhynchus mykiss</i>) by salting and smoking method: physicochemical and textural attributes	Frontiers in Sustainable Food Systems	10.3389/fsufs.2023.1153862	
193	Sapriati, A. Suhandoko, A.D.J. Yundayani, A. Karim, R.A. Kusmawan, U. Mohd Adnan, A.H. Suhandoko, A.A.	The Effect of Virtual Laboratories on Improving Students' SRL: An Umbrella Systematic Review	Education Sciences	10.3390/educsci13030222	
194	Hsu, C.-Y. Lin, T.-W. Babaan, J.B. Asri, A.K. Wong, P.-Y. Chi, K.-H. Ngo, T.H. Yang, Y.-H. Pan, W.-C. Wu, C.-D.	Estimating the daily average concentration variations of PCDD/Fs in Taiwan using a novel Geo-AI based ensemble mixed spatial model	Journal of Hazardous Materials	10.1016/j.jhazmat.2023.131859	
195	Cheng, Y.-T. Huang, P.-H. Lu, W.-C. Chu, S.-C. Wang, P.-M. Ko, W.-C. Li, P.-H.	Physicochemical properties of rainbow trout (<i>Oncorhynchus mykiss</i>) filet treated with high-voltage electrostatic field under different storage temperatures	Frontiers in Sustainable Food Systems	10.3389/fsufs.2023.1158953	
196	Huang, F.-M. Chang, Y.-C. Lee, M.-W. Su, N.-Y. Yang, L.-C. Kuan, Y.-H.	Rutin alleviates bisphenol A-glycidyl methacrylate-induced generation of proinflammatory mediators through the MAPK and NF- κ B pathways in macrophages	Environmental Toxicology	10.1002/tox.23711	
197	Weisberg, A.J. Wu, Y. Chang, J.H. Lai, E.-M. Kuo, C.-H.	Virulence and Ecology of Agrobacteria in the Context of Evolutionary Genomics	Annual review of phytopathology	10.1146/annurev-phyto-021622-125009	
198	Chen, Y.-L. Lin, F.-W. Cheng, K.-T. Chang, C.-H. Hung, S.-C. Efferth, T. Chen, Y.-R.	XCP1 cleaves Pathogenesis-related protein 1 into CAPE9 for systemic immunity in Arabidopsis	Nature Communications	10.1038/s41467-023-40406-7	Corresponding Author
199	Selvaraj, S.P. Chen, J.-Y.	Conjugation of antimicrobial peptides to enhance therapeutic efficacy	European Journal of Medicinal Chemistry	10.1016/j.ejmec.2023.115680	Corresponding Author
200	Hung, Y.-W. Lu, G.-L. Chen, H.-H. Tung, H.-H. Lee, S.-L.	Gliptins normalize posttraumatic hippocampal neurogenesis and restore cognitive function after controlled cortical impact on sensorimotor cortex	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2023.115270	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
201	Lin, W.-C. Hsu, K.-C. You, M.-F. Lee, K.-H. Chi, C.-H. Chen, J.-Y.	Octanoic acid promotes clearance of antibiotic-tolerant cells and eradicates biofilms of <i>Staphylococcus aureus</i> isolated from recurrent bovine mastitis	Biofilm	10.1016/j.bioflm.2023.100149	Corresponding Author
202	Chiu, Y.-S. Wu, K.-J. Yu, S.-J. Wu, K.-L. Wang, Y.-S. Lin, J. Chu, C.-Y. Chen, S. Chen, H. Hsu, S.-C. Wang, Y. Chen, Y.-H.	Peptide immunization against the C-terminal of alpha-synuclein reduces locomotor activity in mice overexpressing alpha-synuclein	PloS one	10.1371/journal.pone.0291927	
203	Tseng, J.-C. Wang, B.-J. Wang, Y.-P. Kuo, Y.-Y. Chen, J.-K. Hour, T.-C. Kuo, L.-K. Hsiao, P.-J. Yeh, C.-C. Kao, C.-L. Shih, L.-J. Chuu, C.-P.	Caffeic acid phenethyl ester suppresses EGFR/FAK/Akt signaling, migration, and tumor growth of prostate cancer cells	Phytomedicine	10.1016/j.phymed.2023.154860	Corresponding Author

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No.	Authors	Title	Scopus Source title	DOI	Authorship
1	Choi, D. Lee, Y. Lin, Z.-H. Cho, S. Kim, M. Ao, C.K. Soh, S. Sohn, C. Jeong, C.K. Lee, J. Lee, M. Lee, S. Ryu, J. Parashar, P. Cho, Y. Ahn, J. Kim, I.-D. Jiang, F. Lee, P.S. Khandelwal, G. Kim, S.-J. Kim, H.S. Song, H.-C. Kim, M. Nah, J. Kim, W. Menge, H.G. Park, Y.T. Xu, W. Hao, J. Park, H. Lee, J.-H. Lee, D.-M. Kim, S.-W. Park, J.Y. Zhang, H. Zi, Y. Guo, R. Cheng, J. Yang, Z. Xie, Y. Lee, S. Chung, J. Oh, I.-K. Kim, J.-S. Cheng, T. Gao, Q. Cheng, G. Gu, G. Shim, M. Jung, J. Yun, C. Zhang, C. Liu, G. Chen, Y. Kim, S. Chen, X. Hu, J. Pu, X. Guo, Z.H. Wang, X. Chen, J. Xiao, X. Xie, X. Jarin, M. Zhang, H. Lai, Y.-C. He, T. Kim, H. Park, I. Ahn, J. Huynh, N.D. Yang, Y. Wang, Z.L. Baik, J.M. Choi, D.	Recent Advances in Triboelectric Nanogenerators: From Technological Progress to Commercial Applications	ACS Nano	10.1021/acsnano.2c12458	
2	Jiang, Z. Du, T. Lin, C.-T. Macdonald, T.J. Chen, J. Chin, Y.-C. Xu, W. Ding, B. Kim, J.-S. Durrant, J.R. Heeney, M. McLachlan, M.A.	Deciphering the Role of Hole Transport Layer HOMO Level on the Open Circuit Voltage of Perovskite Solar Cells	Advanced Materials Interfaces	10.1002/admi.202201737	
3	Berekute, A.K. Yu, K.-P. Chuang, Y.-H.B. Lin, K.-Y.A.	Novel visible-light-active P-g-CN-based α -Bi ₂ O ₃ /WO ₃ ternary photocatalysts with a dual Z-scheme heterostructure for the efficient decomposition of refractory ultraviolet filters and environmental hormones: Benzophenones	Environmental Research	10.1016/j.envres.2023.116553	
4	Reddy, K.S.K. Chen, Y.-C. Jeng, R.-J. Abu-Omar, M.M. Lin, C.-H.	Upcycling Waste Polycarbonate to Poly(carbonate imine) Vitrimers with High Thermal Properties and Unprecedented Hydrolytic Stability	ACS Sustainable Chemistry and Engineering	10.1021/acssuschemeng.3c01454	Corresponding Author
5	Chen, Y.-C. Chen, K.-F. Lin, K.-Y.A. Tsang, Y.F. Hsu, Y.-F. Lin, C.-H.	Evaluation of the pulmonary toxicity of PSNPs using a Transwell-based normal human bronchial epithelial cell culture system	Science of the Total Environment	10.1016/j.scitotenv.2023.165213	
6	Wu, M.-Y. Kao, I.-F. Fu, C.-Y. Yen, S.-K.	Effects of Adding Chitosan on Drug Entrapment Efficiency and Release Duration for Paclitaxel-Loaded Hydroxyapatite—Gelatin Composite Microspheres	Pharmaceutics	10.3390/pharmaceutics15082025	Corresponding Author

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7	Tuan, D.D. Van, H.T. Thai Ha, D.T. Wen, J.-C. Kwon, E. Ghotekar, S. Thanh, B.X. Lee, J. Tsang, Y.F. Lin, K.-Y.A.	Boosting borohydride hydrolysis for H ₂ generation by MOF-templated void-engineered shaggy cobalt oxide: Abundant oxygen vacancy-mediated enhancement	International Journal of Hydrogen Energy	10.1016/j.ijhyde.2023.08.059	Corresponding Author
8	Doan Trang, T. Lee, J. Oh, W.-D. Kwon, E. Wang, H. Fai Tsang, Y. Munagapati, V.S. Yang, H. Chen, W.-H. Andrew Lin, K.-Y.	Hollow-Structured N-doped carbon-embedded CoFe NanoAlloy for boosting activation of Monopersulfate: Engineered interface and heteroatom Doping-Induced enhancements	Journal of Colloid and Interface Science	10.1016/j.jcis.2023.08.091	Corresponding Author
9	Munagapati, V.S. Wen, H.-Y. Gollakota, A.R.K. Wen, J.-C. Lin, K.-Y.A. Shu, C.-M. Yarramuthi, V. Basivi, P.K. Reddy, G.M. Zyryanov, G.V.	Magnetic Fe ₃ O ₄ nanoparticles loaded guava leaves powder impregnated into calcium alginate hydrogel beads (Fe ₃ O ₄ -GLP@CAB) for efficient removal of methylene blue dye from aqueous environment: Synthesis, characterization, and its adsorption performance	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2023.125675	
10	Liu, D. Pellis, D. Chiang, Y.-C. Rist, F. Wallner, J. Pottmann, H.	Deployable strip structures	ACM Transactions on Graphics	10.1145/3592393	
11	Gasim, M.F. Low, S.-C. He, C. Lin, K.-Y.A. Hamidon, T.S. Hussin, M.H. Oh, W.-D.	Atomically dispersed vanadium on g-C ₃ N ₄ for effective ciprofloxacin degradation via peroxymonosulfate activation: Insights on the nonradical pathway and V redox cycles	Journal of Environmental Chemical Engineering	10.1016/j.jece.2023.111035	
12	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.	Surface-enhanced fully nanofiber-based self-cleanable ultraviolet resistive triboelectric energy harvester for wearable smart garments	Nano Energy	10.1016/j.nanoen.2023.108556	Corresponding Author
13	Kong, Z.Y. Tsai, Y.-T. Tian, Y. Sunarso, J. Adi, V.S.K.	Inherent flexibility design strategy of extractive distillation for binary azeotropic separation: Novel integration of optimization approach with penalty values	Separation and Purification Technology	10.1016/j.seppur.2023.124705	Corresponding Author
14	Lin, Y.-Y. Lin, Y.-K. Lin, Y.-H. Chiang, C.-F.	Novel compounds of Djulis (<i>Chenopodium formosanum</i> Koidz) increases collagen, antioxidants, inhibits adipogenesis	Natural Product Research	10.1080/14786419.2023.2235064	
15	Tsai, C.-Y. Ang, T. Kong, Z.Y. Sunarso, J. Adi, V.S.K.	Toward a Flexible Design for the Bioethanol Dehydration Using Extractive Distillation	Industrial and Engineering Chemistry Research	10.1021/acs.iecr.3c01854	Corresponding Author
16	Hsiao, C.-T. Huang, T.-H. Lacson, C.F.Z. Vilando, A.C. Lu, M.-C.	Recovering struvite from livestock wastewater by fluidized-bed homogeneous crystallization as a pre-treatment process to sludge co-digestion	Environmental Research	10.1016/j.envres.2023.116639	Corresponding Author

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17	Lee, J.-Y. Shen, Y.-A. Chen, C.-M.	Void-free interface between In and high-impurity Cu joint	Science and Technology of Welding and Joining	10.1080/13621718.2023.2259720	Corresponding Author
18	Trang, T.D. Lin, J.-Y. Chang, H.-C. Huy, N.N. Ghotekar, S. Lin, K.-Y.A. Munagapati, V.S. Yee, Y.F. Lin, Y.-F.	Hollow-Architected Heteroatom-Doped Carbon-Supported Nanoscale Cu/Co as an Enhanced Magnetic Activator for Oxone to Degrade Toxicants in Water	Nanomaterials	10.3390/nano13182565	Corresponding Author
19	Wang, C.-C. Hung, J.-Y. Uan, J.-Y. Fang, C.-Y. Kuo, Y.-L. Chang, W.-J. Ohiro, Y. Sun, Y.-S.	Facile bioactive transformation of magnesium alloy surfaces for surgical implant applications	Frontiers in Bioengineering and Biotechnology	10.3389/fbioe.2023.1156525	
20	Wang, T.-H. Shen, M.-Y. Yeh, N.-T. Chen, Y.-H. Hsu, T.-C. Chin, H.-Y. Wu, Y.-T. Tzang, B.-S. Chiang, W.-H.	Photothermal nanozymes to self-augment combination cancer therapy by dual-glutathione depletion and hyperthermia/acidity-activated hydroxyl radical generation	Journal of Colloid and Interface Science	10.1016/j.jcis.2023.07.134	
21	Pan, L.-C. Hsieh, S.-Y. Chen, W.-C. Lin, F.-T. Lu, C.-H. Cheng, Y.-L. Chien, H.-W. Yang, H.	Self-Assembly of Shark Scale-Patterned Tunable Superhydrophobic/Antifouling Structures with Visual Color Response	ACS Applied Materials and Interfaces	10.1021/acsami.3c03086	Corresponding Author
22	Sharma, A.K. Ghodke, P.K. Goyal, N. Bobde, P. Kwon, E.E. Lin, K.-Y.A. Chen, W.-H.	A critical review on biochar production from pine wastes, upgradation techniques, environmental sustainability, and challenges	Bioresource Technology	10.1016/j.biortech.2023.129632	
23	Huang, Y.-C. Hou, C.-C.	Using Feature Engineering and Principal Component Analysis for Monitoring Spindle Speed Change Based on Kullback – Leibler Divergence with a Gaussian Mixture Model	Sensors	10.3390/s23136174	First Author, Corresponding Author
24	Lee, J. Lee, S. Lin, K.-Y.A. Jung, S. Kwon, E.E.	Abatement of odor emissions from wastewater treatment plants using biochar	Environmental Pollution	10.1016/j.envpol.2023.122426	
25	You, B. Huang, C.-F. Lu, J.-Y.	Terahertz Humidity Sensing Based on Surface-Modified Polymer Mesh Membranes with Photografting PEGMA Brush	Polymers	10.3390/polym15153302	Corresponding Author
26	Chen, Y.-A. Chen, S.-J. Lee, L.-Y. Lai, R.-H. Yeh, C.-M. Chiu, C.-A. Lai, J.-Y. Lai, Y.-C. Chou, H.-H.	Fluoro-based organic small molecules as sliding crosslinkers for boosting stretchability and self-healability of polymers for hybrid human-motion sensing and energy harvesting	Nano Energy	10.1016/j.nanoen.2023.108882	Corresponding Author
27	Rana, S. Chiu, S.-J. Huang, C.-Y. Tairtan, F.-G. Lin, Y.-G. Wu, D.-S. Singh, J.P. Su, G.-C. Liu, P.-L. Horng, R.-H.	Direct hard X-ray photodetector with superior sensitivity based on ZnGa ₂ O ₄ epilayer grown by metalorganic chemical vapor deposition	Materials Today Advances	10.1016/j.mtadv.2023.100411	

No.	Authors	Title	Scopus Source title	DOI	Authorship
28	Hsiung, B.-C.B. Phan, K.-H. Hsiao, D.-H.	A Study on the Impacts of One-Strut Failure Scenarios for Deep Excavation in Loose to Medium-Dense Sand	Sustainability (Switzerland)	10.3390/su151310530	First Author
29	Lee, K.-T. Ho, K.-Y. Chen, W.-H. Kwon, E.E. Lin, K.-Y.A. Liou, S.-R.	Construction and demolition waste as a high-efficiency advanced process for organic pollutant degradation in Fenton-like reaction to approach circular economy	Environmental Pollution	10.1016/j.envpol.2023.122246	
30	Trang, T.D. Kwon, E. Wen, J.-C. Huy, N.N. Munagapati, V.S. Ghotekar, S. Yu, K.-P. Lin, K.-Y.A.	Enhanced degradation of Ionic liquid 1-n-Butyl-3-Methylimidazolium chloride by visible Light-Promoted Fe-MOF-activated Peroxydisulfate: A comparative study with DFT and Eco-Toxicity assessment	Journal of Molecular Liquids	10.1016/j.molliq.2023.122832	
31	Yang, W.-C. Lai, C.-M. Yamaguchi, E. Chiu, C.-K. Hu, C.-N. Chang, H.-Y.	An evaluation of slenderness limitations of H-beams for special moment connections	Journal of Constructional Steel Research	10.1016/j.jcsr.2023.108194	Corresponding Author
32	Zhao, C. Wang, Z. Wang, Y. Qian, Z. Tan, Z. Chen, Q. Pan, X. Xu, M. Lai, Y.-C.	MXene-Composite-Enabled Ultra-long-Distance Detection and Highly Sensitive Self-Powered Noncontact Triboelectric Sensors and Their Applications in Intelligent Vehicle Perception	Advanced Functional Materials	10.1002/adfm.202306381	Corresponding Author
33	Chang, H.-W. Lee, C.-H. Hong, Y.-X. Chen, J.-L. Chen, J.-M. Tsai, Y.-C.	The Morphology-Controllable Synthesis of Ni – Co – O Nanosheets on a 3D Porous Ni Template as a Binder-Free Electrode for a Solid-State Symmetric Supercapacitor	Energies	10.3390/en16145467	Corresponding Author
34	Trang, T.D. Khiem, T.C. Kwon, E. Wen, J.-C. Duan, X. Bui, H.M. Hu, C. Tsang, Y.F. Chen, W.-H. Lin, K.-Y.A.	Interface-engineered hollow carbon matrix-supported FeCo alloy as an enhanced magnetic activator for peroxydisulfate to degrade an endocrine disruptor in water: A comparative study for elucidating advantageous roles of Fe-dopant	Surfaces and Interfaces	10.1016/j.surfin.2023.103338	Corresponding Author
35	Lai, Y.-F. Chang, M.-Y. Liou, Y.-Y. Lee, C.-C. Hsueh, H.-Y.	Morphological Diagram of Dynamic-Interfacial-Release-Induced Surface Instability	ACS Applied Materials and Interfaces	10.1021/acsami.3c07497	Corresponding Author
36	Hsiao, F.-P. Weng, P.-W. Li, Y.-A. Kawamoto, T. Lin, Y.-C. Haryanto, Y.	Study on retrofitting of existing reinforced concrete buildings with the exoskeleton design-U-frame method	Composite Structures	10.1016/j.compstruct.2023.117562	
37	Lin, Y.-H. Huang, W.-T. Huang, Y.-T. Jhang, Y.-N. Shih, T.-T. Yilmaz, M. Deng, M.-J.	Evaluation of Polymer Gel Electrolytes for Use in MnO ₂ Symmetric Flexible Electrochemical Supercapacitors	Polymers	10.3390/polym15163438	First Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
38	Thao, V.D. Dung, N.T. Duc, N.D. Trang, T.T. Thanh, D.T.M. Phuong, N.T. Thuy, N.T. Lin, K.-Y.A. Huy, N.N.	Mn-MOFs-derived Mn ₂ O ₃ as an effective peroxymonosulfate activator for the degradation of organics in water	International Journal of Environmental Science and Technology	10.1007/s13762-022-04691-x	
39	Shen, M.-Y. Chen, Y.-H. Yeh, N.-T. Wang, T.-H. Chiang, W.-H.	Acidity/hydrogen peroxide-responsive PEGylated chitosan-modified polydopamine nanoparticles to realize effective photothermal conversion and intracellular drug delivery	European Polymer Journal	10.1016/j.eurpolymj.2023.112365	Corresponding Author
40	Tuan, D.D. Nguyen, N.H. Quang, N.V. Park, Y.-K. Lin, C.-H. Ghotekar, S. Wang, H. Chen, W.-H. Yee, Y.F. Lin, K.-Y.A.	Interface-engineered cavity-structured cobalt oxide as a boosted activator for peroxymonosulfate to degrade environmental hormones in water: Structural defects and oxygen vacancies-induced enhancement	Journal of Environmental Chemical Engineering	10.1016/j.jece.2023.110789	Corresponding Author
41	Li, F.-S. Fang, Y.-W. Wu, Y.-T. Wu, S.-W. Ho, S.-Z. Chen, C.-Y. Chiang, C.-Y. Chen, Y.-C. Liu, H.-J.	Self-Enhancement of Water Electrolysis by Electrolyte-Poled Ferroelectric Catalyst	ACS Nano	10.1021/acsnano.3c06371	Corresponding Author
42	Liang, J.-N. Nargotra, P. Li, X.-Y. Sharma, V. Hsieh, S.-L. Tsai, Y.-H. Liu, Y.-C. Huang, C.-Y. Kuo, C.-H.	Evaluation of Wheat Noodles Supplemented with Soy Protein Isolate for Nutritional, Textural, Cooking Attributes and Glycemic Index	Applied Sciences (Switzerland)	10.3390/app13137772	
43	Huang, Y.-S. Ejeta, D.D. Lin, K.-Y. Kuo, S.-W. Jamnongkan, T. Huang, C.-F.	Synthesis of PDMS- μ -PCL Miktoarm Star Copolymers by Combinations (ϵ) of Styrenics-Assisted Atom Transfer Radical Coupling and Ring-Opening Polymerization and Study of the Self-Assembled Nanostructures	Nanomaterials	10.3390/nano13162355	Corresponding Author
44	Chen, S.-E. Pan, F.-T. Yang, R.-Y. Wu, C.-C.	A multi-physics system integration and modeling method for piezoelectric wave energy harvester	Applied Energy	10.1016/j.apenergy.2023.121654	First Author, Corresponding Author
45	Gasim, M.F. Choong, Z.-Y. Koo, P.-L. Low, S.-C. Hamidon, T.S. Hussin, M.H. Lin, K.-Y.A. Oh, W.-D.	Heteroatoms intra-actions and oxidant-pollutant competition over BC ₂ O sites in N, S, B-tri-doped biochar for the nonradical activation of peroxymonosulfate	Journal of Water Process Engineering	10.1016/j.jwpe.2023.104189	Corresponding Author
46	Ho, C.-Y. Lee, T.-W. Li, X.-Y. Chen, C.	Repurposing of waste ammonium sulfate as S,N-doped carbon quantum dots: A sensitive and selective fluorescent probe for the determination of tetracycline	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2023.105128	Corresponding Author
47	Ma, C.-W. Yu, S.-H. Fang, J.-K. Yang, P.-F. Chang, H.-C.	The physical improvement of copper deposition uniformity with the simulation models	Journal of Electroanalytical Chemistry	10.1016/j.jelechem.2023.117790	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
48	Chiang, K.-T. Lin, S.-H. Ye, Y.-Z. Zeng, B.-H. Cheng, Y.-L. Lee, R.-H. Lin, K.-Y.A. Yang, H.	Leafhopper-inspired reversibly switchable antireflection coating with sugar apple-like structure arrays	Journal of Colloid and Interface Science	10.1016/j.jcis.2023.06.179	Corresponding Author
49	Kong, Z.Y. Yang, A. Tsai, C.-C. Adi, V.S.K. Saptoro, A. Sunarso, J.	Design and Optimization of Hybrid Reactive-Extractive Distillation for Ternary Azeotropic Separation: A Case Considering the Effect of Side Reactions	Industrial and Engineering Chemistry Research	10.1021/acs.iecr.3c01532	
50	Quiton, K.G.N. Huang, Y.-H. Lu, M.-C.	Photocatalytic oxidation of Reactive Red 195 by bimetallic Fe - Co catalyst: Statistical modeling and optimization via Box-Behnken design	Chemosphere	10.1016/j.chemosphere.2023.139509	Corresponding Author
51	Jiang, X.-Y. Park, Y.-K. Wen, J.-C. Bui, H.M. Lin, Y.-F. Sirivithayapakorn, S. Khiem, T.C. Munagapati, V.S. Lin, K.-Y.A.	Hollow-architected Co ₃ O ₄ for enhancing Oxone activation to eliminate an anesthetic, benzocaine, from water: A structure-property investigation with degradation pathway and eco-toxicity	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2023.105042	
52	Markó, D. Cheenikundil, R. Bauer, J. Lenz, K. Chuang, W.-C. Lin, K.-W. Wu, J.-C. D'Aquino, M. Hertel, R. Schmool, D.S.	Interpretation of Spin-Wave Modes in Co / Ag Nanodot Arrays Probed by Broadband Ferromagnetic Resonance	Physical Review Applied	10.1103/PhysRevApplied.20.024059	
53	Baldovia-Lim, J.M. de Luna, M.D.G. Abarca, R.R.M. Lacson, C.F.Z. Grisdanurak, N. Lu, M.-C.	Integrating bi-pH operation to enhance Ni ²⁺ removal and recovery in fluidized-bed non-seeded granulation process	Chemical Engineering Journal	10.1016/j.cej.2023.145102	Corresponding Author
54	Li, M. Liu, H. Zhao, R. Yang, F.-S. Chen, M. Zhuo, Y. Zhou, C. Wang, H. Lin, Y.-F. Yang, J.J.	Imperfection-enabled memristive switching in van der Waals materials	Nature Electronics	10.1038/s41928-023-00984-2	First Author, Corresponding Author
55	Chiu, Y.-C. Khwa, W.-S. Yang, C.-S. Teng, S.-H. Huang, H.-Y. Chang, F.-C. Wu, Y. Chien, Y.-A. Hsieh, F.-L. Li, C.-Y. Lin, G.-Y. Chen, P.-J. Pan, T.-H. Lo, C.-C. Liu, R.-S. Hsieh, C.-C. Tang, K.-T. Ho, M.-S. Lo, C.-P. Chih, Y.-D. Chang, T.-Y.J. Chang, M.-F.	A CMOS-integrated spintronic compute-in-memory macro for secure AI edge devices	Nature Electronics	10.1038/s41928-023-00994-0	
56	Thiruppathi, M. Natarajan, T. Zen, J.-M.	Electrochemical detection of fluoride ions using 4-aminophenyl boronic acid dimer modified electrode	Journal of Electroanalytical Chemistry	10.1016/j.jelechem.2023.117685	
57	Wang, K.-H. Wu, C.-H. Yen, T.-C.	Reliability analysis of redundant retrieval machining system subject to standby switching failure	Quality Technology and Quantitative Management	10.1080/16843703.2022.2132450	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
58	Chang, Y.-H. Silalahi, V.C. Yang, Y.-T. Wen, Y.-S. Kuo, W.	Full analysis on coupling strengths between split ring resonators for double negative microwave tight-binding models	Optics Express	10.1364/OE.493283	Corresponding Author
59	Kumar, P. Peng, H.-Y. Yang, Y.-H. Kumar, U. Deng, Z.-Y. Chen, K.-L. Lee, M.-W. Wu, C.-H.	Highly sensitive CO gas sensor based on ternary metal sulfides PbSbS quantum dots: Experimental and DFT study	Journal of Alloys and Compounds	10.1016/j.jallcom.2023.171688	Corresponding Author
60	Chen, L.-J. Kuo, C.-J. Liang, C.-F.	Synthesis of Aryl Amides from Acyl-Bunte Salts and Aryl Azides	Journal of Organic Chemistry	10.1021/acs.joc.3c00477	Corresponding Author
61	Thiruppathi, M. Natarajan, T. Zen, J.-M.	Anthracene boronic acid functionalized activated screen-printed carbon electrode: A strategy for direct phosphate voltammetric detection	Sensors and Actuators B: Chemical	10.1016/j.snb.2023.134436	
62	Kuan, J.-Y. Chen, I.-T. Lin, H. Han, J.-L.	Organocatalytic Vinylogous Michael Addition/Cyclization Cascade of 2-Alkylidene Indane-1,3-diones with Enals: A Regio- and Stereocontrolled Diversity-Oriented Route to Indane-1,3-dione Derivatives	Advanced Synthesis and Catalysis	10.1002/adsc.202300767	Corresponding Author
63	Li, C.-K. Tsai, M.-C. Wang, Y.-S. Wong, N.-C.	Nonsurjective zero product preservers between matrix spaces over an arbitrary field	Linear and Multilinear Algebra	10.1080/03081087.2023.2263139	Corresponding Author
64	Guo, J.-S. Shimojo, M. Wu, C.-C.	SPREADING DYNAMICS FOR A PREDATOR-PREY SYSTEM WITH TWO PREDATORS AND ONE PREY IN A SHIFTING HABITAT	Discrete and Continuous Dynamical Systems - Series B	10.3934/dcdsb.2022170	Corresponding Author
65	Huang, C.-H. Wu, C.-Y. Lin, Y.-F. Chou, Y.-C. Lee, K.-T.	Wet-Etching-Boosted Charge Storage in 1D Nitride-Based Systems for Imitating Biological Synaptic Behaviors	Advanced Functional Materials	10.1002/adfm.202306030	
66	Raquel, B.J.R. Hashimoto, T. Goto, T. Chen, B.H. Uno, Y. Hsiao, T.Y.-Y. Kim, S.J. Ho, S.C.-C.	Machine learning classification of repeating FRBs from FRB 121102	Monthly Notices of the Royal Astronomical Society	10.1093/mnras/stad1942	
67	Huang, L.-C. Tsai, H.-H.	Perceptual Contrastive Generative Adversarial Network based on image warping for unsupervised image-to-image translation	Neural Networks	10.1016/j.neunet.2023.07.010	Corresponding Author
68	Hung, C.-M. Mai, C.-L. Wu, C.-C. Chen, B.-H. Lu, C.-H. Chu, C.-C. Wang, M.-C. Yang, S.-D. Chen, H.-C. Yeh, C.-Y. Chou, P.-T.	Self-Assembled Monolayers of Bi-Functionalized Porphyrins: A Novel Class of Hole-Layer-Coordinating Perovskites and Indium Tin Oxide in Inverted Solar Cells	Angewandte Chemie - International Edition	10.1002/anie.202309831	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
69	Shao, H. Chen, C. Chang, M. Yu, C. Lin, C. Yang, J.	Retina-TransNet: A Gradient-Guided Few-Shot Retinal Vessel Segmentation Net	IEEE Journal of Biomedical and Health Informatics	10.1109/JBHI.2023.3298710	First Author
70	Wei, Y.-A. Wu, P.-J. Tsai, P.-Y. Chen, K.-L. Yang, C.-S.	Enhanced tunable terahertz Mie resonance and magnetoplasmonic effect through chain formation in ferrofluid	Applied Physics Letters	10.1063/5.0156784	
71	Schneider, I. Dai, J.-Y.	Symmetry groupoids for pattern-selective feedback stabilization of the Chafee-Infante equation	Chaos	10.1063/5.0152662	Corresponding Author
72	Huang, T.-E. Liu, H.-H. Wang, C.-Y. Liang, B.-W. Hsu, R.-Y. Wu, C.-H. Hung, K.-M. Lan, Y.-W. Lo, K.Y.	Quantitative Correlation for Recoverable Monolayer MoS2 Gas Sensing Mechanism: A Fundamental Approach	Journal of Physical Chemistry C	10.1021/acs.jpcc.3c03279	
73	Hong, T.-J. Sivakumar, C. Luo, C.-W. Ho, M.-S.	Investigation of TiO2 nanoparticle interactions in the fibroblast NIH-3T3 cells via liquid-mode atomic force microscope	Archives of Toxicology	10.1007/s00204-023-03585-2	Corresponding Author
74	Ko, W.-Y. Yeh, S.-C. Hsu, Y.-C. Chu, H.-W. Lin, K.-J.	A Flexible Broadband Visible Light Plasmon-Absorber Based on a 2D Monolayer of Au-Nanoparticle/TiO2-Nanowire Core - Shell Heterostructures	Advanced Materials Interfaces	10.1002/admi.202300415	First Author, Corresponding Author
75	Lin, J.-D. Lo, P.-Y. Peng, G.-H. Li, W.-H. Huang, S.-Y. Chen, G.-Y. Cheng, S.-J.	Essential role of momentum-forbidden dark excitons in the energy transfer responses of monolayer transition-metal dichalcogenides	npj 2D Materials and Applications	10.1038/s41699-023-00414-z	
76	Tsai, M.-Y. Huang, C.-T. Lin, C.-Y. Lee, M.-P. Yang, F.-S. Li, M. Chang, Y.-M. Watanabe, K. Taniguchi, T. Ho, C.-H. Wu, W.-W. Yamamoto, M. Wu, J.-L. Chiu, P.-W. Lin, Y.-F.	A reconfigurable transistor and memory based on a two-dimensional heterostructure and photoinduced trapping	Nature Electronics	10.1038/s41928-023-01034-7	Corresponding Author
77	Lin, J. Chang, C.-Y.	Efficient fault-tolerant quantum dialogue protocols using a quantum reordering circuit of EPR pairs	Physica Scripta	10.1088/1402-4896/acecb4	First Author, Corresponding Author
78	Kuo, C. Yang, G. Chacko, D. Kwong, W.C.	True-Asynchronous Transmission Modeling and Software-Defined-Radio Experimental Testbed for Cognitive Radio Ad-Hoc Wireless Networks	IEEE Transactions on Cognitive Communications and Networking	10.1109/TCCN.2023.3315456	
79	Chen, C.-L. Zhan, W.-B. Huang, D.-C. Liu, L.-C. Deng, Y.-Y. Kuo, C.-G.	Hyperledger Fabric-Based Tea Supply Chain Production Data Traceable Scheme	Sustainability (Switzerland)	10.3390/su151813738	
80	You, J.-X. Yang, G.-C. Kwong, W.C.	Construction of Asynchronous Relaxed Difference Set of Q-Ary Maximum-Length Channel-Hopping Sequences for Cognitive Radio Wireless Networks	IEEE Communications Letters	10.1109/LCOM.2023.3300902	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
81	Lin, J. Liu, K.-H. Lin, C.-L.	A novel data hiding scheme based on multidimensional reference tensors	Multimedia Tools and Applications	10.1007/s11042-023-16526-z	First Author, Corresponding Author
82	Liu, H. Dubey, M. Tseng, H.	LAEBLE: A Lightweight Authentication and Encryption Mechanism for the E-Health System in Bluetooth Low Energy	IEEE Sensors Journal	10.1109/JSEN.2023.3307730	
83	Huang, K.-Y. Chang, K.-P. Chang, Y.-P. Liu, C.-N. Cheng, W.-H.	Micro lens array device for laser light shaping in laser scanning smart headlights	Optics Express	10.1364/OE.495206	Corresponding Author
84	Zhao, X. Jheng, J.-C. Chou, N.-N. Wang, F.-H. Yang, C.-F.	Synthesis of ZnO Nanoflower Arrays on a Protrusion Sapphire Substrate and Application of Al-Decorated ZnO Nanoflower Matrix in Gas Sensors	Sensors	10.3390/s23125629	Corresponding Author
85	Sun, J.-Y. Nguyen, D.H. Liu, J.-M. Lo, C.-Y. Ma, Y.-R. Chen, Y.-J. Yi, J.-Y. Huang, J.-Z. Giap, H. Nguyen, H.Y.T. Liao, C.-D. Lin, M.-Y. Lai, C.-C.	On-Chip Monolithically Integrated Ultraviolet Low-Threshold Plasmonic Metal-Semiconductor Heterojunction Nanolasers	Advanced Science	10.1002/advs.202301493	
86	Chen, Y.-Y. Wang, P.-C.	Efficient Clustering of Visible Light Communications in VANET	Inventions	10.3390/inventions8040083	Corresponding Author
87	Chang, H.-C. Lin, H.-T. Wang, P.-C.	Wireless Energy Harvesting for Internet-of-Things Devices Using Directional Antennas	Future Internet	10.3390/fi15090301	Corresponding Author
88	Shih, M.-S. Chang, K.-C. Chou, S.-A. Liu, T.-S. Ouyang, Y.-C.	The Automated Detection of Fusarium Wilt on Phalaenopsis Using VIS-NIR and SWIR Hyperspectral Imaging	Remote Sensing	10.3390/rs15174174	Corresponding Author
89	Lai, C.	The Influence of Battery Exchange Electric Vehicle and Transmission Line Age and Loading Related Failures on Power System Reliability	IEEE Systems Journal	10.1109/JSYST.2023.3293043	
90	Mishima, T. Lai, C.	Zero-Phase-Angle Load-Independent and -Adaptable Dual-Side LCC Inductive Wireless Power Transfer System	IEEE Transactions on Transportation Electrification	10.1109/TTE.2023.3305057	
91	Burns, R.A. Uno, Y. Sakai, N. Blanchard, J. Rosli, Z. Orosz, G. Yonekura, Y. Tanabe, Y. Sugiyama, K. Hirota, T. Kim, K.-T. Aberfelds, A. Volvach, A.E. Bartkiewicz, A. Caratti o Garatti, A. Sobolev, A.M. Stecklum, B. Brogan, C. Phillips, C. Ladeyschikov, D.A. Johnstone, D. Surcis, G. MacLeod, G.C. Linz, H. Chibueze, J.O. Brand, J. Eislöffel, J. Hyland, L. Uscanga, L. Olech, M. Durjasz, M. Bayandina, O. Breen,	A Keplerian disk with a four-arm spiral birthing an episodically accreting high-mass protostar	Nature Astronomy	10.1038/s41550-023-01899-w	

No.	Authors	Title	Scopus Source title	DOI	Authorship
	S. Ellingsen, S.P. van den Heever, S.P. Hunter, T.R. Chen, X.				
92	De Leon, M.P. Wen, F.-L. Paylaga, G.J. Wang, Y.-T. Roan, H.-Y. Wang, C.-H. Hsiao, C.-D. Lin, K.-H. Chen, C.-H.	Mechanical waves identify the amputation position during wound healing in the amputated zebrafish tailfin	Nature Physics	10.1038/s41567-023-02103-6	Corresponding Author
93	Balakrishnan, D. Manmai, N. Ponnambalam, S. Unpaprom, Y. Chaichompoo, C. Ramaraj, R.	Optimized model of fermentable sugar production from Napier grass for biohydrogen generation via dark fermentation	International Journal of Hydrogen Energy	10.1016/j.ijhyde.2022.12.011	
94	Usha Devi, T. Ranjith Kumar, E. Kumar, M. Balraj, B. Sivakumar, C. Matheswaran, P. Chandrasekar, N. Kumar Nagarajan, S.	Physicochemical properties and photocatalytic activity of MoO ₃ nanostructures: Evaluation of structural, optical, vibrational, and morphological properties	Ceramics International	10.1016/j.ceramint.2022.12.281	
95	Mondal, S. Tseng, C.-J. Tan, J.J.-Y. Lin, D.-Y. Lin, H.-Y. Weng, J.-H. Lin, C.-H. Mong, K.-K.T.	Tunable Strategy for the Asymmetric Synthesis of Sulfoglycolipids from Mycobacterium tuberculosis To Elucidate the Structure and Immunomodulatory Property Relationships	Angewandte Chemie - International Edition	10.1002/anie.202212514	Corresponding Author
96	Muhammad, S. Ali, T. Khan, Y. Shafiullah, M.	Application of Dynamic Programming for Optimal Hybrid Energy Management System: Hydro-Photovoltaic-Diesel-BESS	IEEE Access	10.1109/ACCESS.2023.3296699	
97	Yuen, T.Y.P. Weng, M.-C. Fu, Y.-Y. Lu, G.-T. Shiu, W.-J. Lu, C.-A. Liu, C.-Y. Chiu, C.-C. Wen, T.-H.	Assessing the impact of rockfall on a bridge by using hybrid DEM/FEM analysis: A case study in Central Taiwan	Engineering Geology	10.1016/j.enggeo.2023.107000	
98	Tuan, D.D. Park, Y.-K. Wen, J.-C. Bui, H.M. Duan, X. Ghanbari, F. Ghotekar, S. Chen, W.-H. Lin, K.A.	Emerging investigator series: enhancing the degradation of ciprofloxacin in water using Oxone activated by urchin-like cubic and hollow-structured cobalt@N-doped carbon prepared by etching-engineering: a comparative study with mechanistic and eco-toxic assessments	Environmental Science: Water Research and Technology	10.1039/d3ew00009e	Corresponding Author
99	Chang, S.-Y. Huang, Y.-C. Lin, S.-Y. Lu, C.-L. Chen, C. Dao, M.	In Situ Study of Twin Boundary Stability in Nanotwinned Copper Pillars under Different Strain Rates	Nanomaterials	10.3390/nano13010190	
100	Chen, C.-J. Wu, C.-Y. Wu, C.-W. Chang, C.-W. Huang, T.-T. Shiao, M.-H. Lin, C.-K. Chen, Y.-C. Lin, Y.-S.	Metal-enhanced fluorescence through conventional Ag-polyethylene glycol nanoparticles for cellular imaging	RSC Advances	10.1039/d3ra02277c	
101	Huang, C. Huang, C.-C. Chen, D.-N. Wang, Y.	Decision Rules for Renewable Energy Utilization Using Rough Set Theory	Axioms	10.3390/axioms12090811	

No.	Authors	Title	Scopus Source title	DOI	Authorship
102	Hsu, P.-S. Huang, C.-C. Sung, W.-Y. Tsai, H.-Y. Wu, Z.-X. Lin, T.-Y. Lin, K.-P. Liu, G.-S.	Optimal adaptive neuro-fuzzy inference system with biogeography-based optimization for numbers of COVID-19 vaccination prediction	Journal of Intelligent and Fuzzy Systems	10.3233/JIFS-231165	
103	Chen, W.-H. Chen, W.-H. Chein, R.-Y. Tuan Hoang, A. Manatura, K. Raza Naqvi, S.	Optimization of hydrogen purification via vacuum pressure swing adsorption	Energy Conversion and Management: X	10.1016/j.ecmx.2023.100459	
104	Yang, M.-J. Lee, S.-Y. Chen, S.-H. Huang, S.-T. Cheng, C.-W. Chiu, C.-M. Yuann, J.-M.P. Liang, J.-Y.	The effect of sodium citrate on the photolytic reaction of catechin following the addition of aluminum chloride under alkaline conditions	Journal of Photochemistry and Photobiology A: Chemistry	10.1016/j.jphot.2023.115051	
105	Hsu, T.-C. Tsai, Y.-H. Chu, W.C.-C. Chen, S.-W. Tsai, H.-L. Chang, Y.-K.	Exploration of advanced computer technology to address analytical and noise improvement issues in machine learning	Journal of Systems and Software	10.1016/j.jss.2023.111820	
106	Lin, H. Peng, C. Shi, J. Zheng, B. Lee, H. Wu, P. Lee, M.	The Slight Adjustment in the Weight of Sulfur Sheets to Synthesize β -NiS Nanobelts for Maintaining Detection of Lower Concentrations of Glucose through a Long-Term Storage Test	Nanomaterials	10.3390/nano13162371	
107	Chen, Y.-T. Hsu, C.-Y. Yu, C.-M. Barhamgi, M. Perera, C.	On the Private Data Synthesis Through Deep Generative Models for Data Scarcity of Industrial Internet of Things	IEEE Transactions on Industrial Informatics	10.1109/TII.2021.3133625	Corresponding Author
108	Kuo, S.-Y. Tseng, K.-C. Yang, C.-C. Chou, Y.-H.	Efficient multiparty quantum secret sharing based on a novel structure and single qubits	EPJ Quantum Technology	10.1140/epjqt/s40507-023-00186-x	First Author
109	Shafiullah, M. Haq, S.U. Muhammad, R. Faizan, M. Laref, A. Derafa, W. Sohail, A. Khesro, A. Samad, A.	DFT study of structural, electronic, thermoelectric and elastic properties of KPdX ₃ (X = F, Cl, Br, and I) perovskites	Physica Scripta	10.1088/1402-4896/acce76	
110	Wang, J. Lee, J.-J.	Predicting and analyzing technology convergence for exploring technological opportunities in the smart health industry	Computers and Industrial Engineering	10.1016/j.cie.2023.109352	
111	Liu, J.-W. Hsu, M.-H. Lai, C.-L. Wu, S.-K.	Using video analysis and artificial neural network to explore association rules and influence scenarios in elite table tennis matches	Journal of Supercomputing	10.1007/s11227-023-05684-4	
112	Tu, C.Y. Chen, K.T. Ting, K. Yang Sheng, C.	The planning strategy of robotics technology for nuclear decommissioning in Taiwan	Nuclear Engineering and Technology	10.1016/j.net.2023.09.007	
113	Le, P.-N.-M. Tran, H.-T. Huynh, N.-D.-T. Truong, C.-H. Ngo, T.-H. Dang, B.-T. Luan, V.H. Tseng, T.-H. Johan, M.R. Sagadevan, S. Le, M.-V.	The synergy of zinc oxide supported magnetic cobalt ferrite: Efficient boosting the	Journal of Alloys and Compounds	10.1016/j.jallcom.2023.172208	

No.	Authors	Title	Scopus Source title	DOI	Authorship
		peroxymonosulfate activation towards the refractory organic pollutants elimination			
114	Liu, S.-H. Kuan, C.-F. Ke, C.Y. Shen, M.Y. Chiang, C.-L.	Preparation and properties of bio-based intumescent flame retardant containing chitosan functionalized ammonium polyphosphate for polyurethane	Journal of Industrial and Engineering Chemistry	10.1016/j.jiec.2023.07.016	
115	Vuong, N.-M.-T. Nguyen, P.-T. Nguyen, T.K.O. Nguyen, D.B. Tran, T.-M.-D. Oanh, L.T.K. Nguyen, T.-B. Pham, T.-T. Lin, K.-Y.A. Bui, X.-T.	Application of nano zero-valent iron particles coated by carboxymethyl cellulose for removal of Congo red dye in aqueous solution	Case Studies in Chemical and Environmental Engineering	10.1016/j.cscee.2023.100469	
116	Ünal mis, Ö.H.	A Methodology for In-Well Multiphase Flow Measurement with Strategically Positioned Local and/or Distributed Acoustic Sensors	Sensors	10.3390/s23135969	
117	Li, Y.-C. Wu, C.-H. Le, T.H. Yuan, Q. Huang, L. Chen, G.-F. Yang, M.-L. Lam, S.-H. Hung, H.-Y. Sun, H. Wu, Y.-H. Kuo, P.-C. Wu, T.-S.	A Modified ¹ H-NMR Quantification Method of Ephedrine Alkaloids in Ephedrae Herba Samples	International Journal of Molecular Sciences	10.3390/ijms241411272	
118	Tseng, Y.-H. Wen, C.-Y.	Hybrid Learning Models for IMU-Based HAR with Feature Analysis and Data Correction	Sensors	10.3390/s23187802	
119	Mo, D.-H. Tien, C.-L. Yeh, Y.-L. Guo, Y.-R. Lin, C.-S. Chen, C.-C. Chang, C.-M.	Design of Digital-Twin Human-Machine Interface Sensor with Intelligent Finger Gesture Recognition	Sensors	10.3390/s23073509	
120	Abdelghani, R. Wang, Y.-H. Yuan, X. Wang, T. Lucas, P. Sauz éon, H. Oudeyer, P.-Y.	GPT-3-Driven Pedagogical Agents to Train Children' s Curious Question-Asking Skills	International Journal of Artificial Intelligence in Education	10.1007/s40593-023-00340-7	
121	Tsai, H.-H. Nfor, O.N. Wu, C.-D. Chen, P.-H. Hsu, S.-Y. Chen, C.-Y. Liaw, Y.-P.	An interaction between PM10 and periodontitis may contribute to chronic obstructive pulmonary disease among non-smoking Taiwanese populations	Atmospheric Pollution Research	10.1016/j.apr.2023.101944	Corresponding Author
122	Shi, S.-C. Yang, S.-W. Xu, Y.-C. Lu, F.-I.	The Synergic Effect of Erythrosine and Gold Nanoparticles in Photodynamic Inactivation	Sustainability (Switzerland)	10.3390/su15043621	
123	Huang, A.Y.Q. Chang, J.W. Yang, A.C.M. Ogata, H. Li, S.T. Yen, R.X. Yang, S.J.H.	Personalized Intervention based on the Early Prediction of At-risk Students to Improve Their Learning Performance	Educational Technology and Society	10.30191/ETS.202310_26(4).0005	
124	Juan, W.-Y. Wu, C.-L. Liu, F.-W. Chen, W.-S.	Fires in Waste Treatment Facilities: Challenges and Solutions from a Fire Investigation Perspective	Sustainability (Switzerland)	10.3390/su15129756	
125	Huang, H.-C. Zou, M.-L. Chen, Y.-H. Jiang, C.-B. Wu, C.-D. Lung, S.-C.C. Chien, L.-C. Lo, Y.-C. Chao, H.J.	Effects of indoor air quality and home environmental characteristics on allergic diseases	Science of the Total Environment	10.1016/j.scitotenv.2023.165392	

No.	Authors	Title	Scopus Source title	DOI	Authorship
		among preschool children in the Greater Taipei Area			
126	Liao, C.-W. Yao, K.-C. Tsai, C.-T. Xu, J.-R. Huang, W.-L. Ho, W.-S. Wang, Y.-P.	Constructing and Validating Professional Competence Indicators for Underwater Welding Technicians for Offshore Wind Power Generation in Taiwan	Sustainability (Switzerland)	10.3390/su151410801	

3 、 Humanities and Social Sciences

No.	Authors	Title	Scopus Source title	DOI	Authorship
1	Sung, H.-Y. Abdullah, N. Huyen, N.T.	Early literacy and family engagement: A cross-country analysis of caregivers' perceptions of the public library's role in the digital age in Taiwan, Malaysia, and Vietnam	Information Development	10.1177/0266669221143746	First Author, Corresponding Author
2	Tan, W. Soong, J.-J.	The Political Economy of India and Its Strategic Choice under USA – China Power Rivalry and Hegemonic Competition: A Defensive Hedging Policy	Chinese Economy	10.1080/10971475.2022.2136691	First Author, Corresponding Author
3	Huang, C.-C. Li, S.-P. Chan, Y.-K. Hsieh, M.-Y. Lai, J.-C.M.	Empirical Research on the Sustainable Development of Ecotourism with Environmental Education Concepts	Sustainability (Switzerland)	10.3390/su151310307	
4	Wang, H. Feng, R. Leung, C.-S. Sum, J. Constantinides, A.G.	A Globally Stable LPNN Model for Sparse Approximation	IEEE Transactions on Neural Networks and Learning Systems	10.1109/TNNLS.2021.3126730	
5	Huang, C.-C. Li, S.-P. Lai, J.-C.M. Chan, Y.-K. Hsieh, M.-Y.	Research on the International Sustainable Practice of the Taiwanese Food and Agricultural Education Law under the Current Global Food Security Challenges	Foods	10.3390/foods12142785	Corresponding Author
6	Li, P.-Y.	Determinants of corporate social responsibility performance in emerging markets: An international orientation perspective	Corporate Social Responsibility and Environmental Management	10.1002/csr.2424	
7	Wang, Y.-J. Wu, L.-H. Wu, L.-C.	An integrative extraction approach for index-tracking portfolio construction and forecasting under a deep learning framework	Journal of Supercomputing	10.1007/s11227-023-05538-z	
8	Dai, H. Hwang, H.-G. Tseng, V.S.	PoEMS: Policy Network-Based Early Warning Monitoring System for Sepsis in Intensive Care Units	IEEE Journal of Biomedical and Health Informatics	10.1109/JBHI.2023.3272486	Corresponding Author
9	Lin, C.-C. Chiao, Y.-C. Chang, T.-L. Chang, Y.-C.	The determinants of the use of process control mechanisms in FDI decisions in headquarters – subsidiary relationships	Humanities and Social Sciences Communications	10.1057/s41599-023-01890-w	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
10	Yen, Y.-F. Lai, Y.-J. Hsu, L.-F. Chen, L.-J. Ku, P.-W. Inan-Eroglu, E.	Association between vegetarian diet and gouty arthritis: A retrospective cohort study	Nutrition, Metabolism and Cardiovascular Diseases	10.1016/j.numecd.2023.04.008	
11	Chen, Y.-H. Lu, E.J.-L. Lin, J.-D.	Enhancing SPARQL Query Performance With Recurrent Neural Networks	IEEE Access	10.1109/ACCESS.2023.3308691	Corresponding Author
12	Huang, Y.-D. Chen, T.-H. Chih, M. Chang, W.-J. Lien, C.-C.	An adaptive GLNPSO method for inventory replenishment supply chain problem with multiple-warehouse policy and budget consideration	Engineering Applications of Artificial Intelligence	10.1016/j.engappai.2023.107124	Corresponding Author
13	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/IJCCSM-10-2021-0118	First Author, Corresponding Author
14	Shih-Tse Wang, E. Liao, Y.-T.	Effects of member similarity on group norm conformity, group identity and social participation in the context of social networking sites	Internet Research	10.1108/INTR-09-2021-0632	
15	Chen, C.-C. Ho, K.-C. Yan, C. Yeh, C.-Y. Yu, M.-T.	Does ambiguity matter for corporate debt financing? Theory and evidence	Journal of Corporate Finance	10.1016/j.jcorpfin.2023.102425	
16	Asri, A.K. Yeh, C.-H. Chang, H.-T. Lee, H.-Y. Lung, S.-C.C. Spengler, J.D. Wu, C.-D.	Greenspace related to bipolar disorder in Taiwan: Quantitative benefits of saving DALY loss and increasing income	Health and Place	10.1016/j.healthplace.2023.103097	
17	Yeh, C.-H. Wang, Y.-S. Wang, Y.-M. Liao, T.-J.	Drivers of mobile learning app usage: an integrated perspective of personality, readiness, and motivation	Interactive Learning Environments	10.1080/10494820.2021.1937658	
18	Jasin, M. Firmansyah, A. Anisah, H.U. Junaedi, I.W.R. Haris, I.	The effects of customer satisfaction, perceived service quality, perceived value, and brand image on customer loyalty	Uncertain Supply Chain Management	10.5267/j.uscm.2023.1.004	
19	Moslehpour, M. Faez, S.E.P. Gupta, B.B. Arya, V.	A Fuzzy-Based Analysis of the Mediating Factors Affecting Sustainable Purchase Intentions of Smartphones: The Case of Two Brands in Two Asian Countries	Sustainability (Switzerland)	10.3390/su15129396	
20	Lin, C.-C. Chang, Y.-C.	Impact of circular economy network building: resilience strategy to climate action	International Journal of Climate Change Strategies and Management	10.1108/IJCCSM-12-2022-0150	

No.	Authors	Title	Scopus Source title	DOI	Authorship
21	Wang, N. Hung, C.-N.	Competitive Firms' Optimal Decisions on Entering Accessory Market	Sustainability (Switzerland)	10.3390/su151511560	
22	Wang, J. Hsu, T.-Y.	Early discovery of emerging multi-technology convergence for analyzing technology opportunities from patent data: the case of smart health	Scientometrics	10.1007/s11192-023-04760-z	