

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

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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/gfa005	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
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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

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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	
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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
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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

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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	
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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	
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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	
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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	

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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	
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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	

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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	
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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	
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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	
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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	

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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	
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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	

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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	

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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	

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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	

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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

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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
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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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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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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
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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
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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	
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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
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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
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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
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