

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

## **Agriculture and Life Sciences**

(Time periods of data used : 12 October 2023~10 January 2024)

Data source : SciVal – 22 January 2024

## Agriculture and Life Sciences

No.	Authors	Title	Scopus Source title	DOI	Authorship
1	Yen, T.-T.  Chen, I.-C.  Cho, S.  Chang, T.-G.  Shih, K.-H.  Hua, M.-W.  Li, J.-L.  Hsu, C.-Y.  Hsiao, T.-H.  Chen, Y.-M.	GJB2 p.V37I Mutation Associated With Moderate Nonsyndromic Hearing Loss in an Adult Taiwanese Population	Ear and Hearing	10.1097/AUD.000000000001384	Corresponding Author
2	Chan, S.C.  Tung, C.-W.  Lin, C.-W.  Tung, Y.-S.  Wu, P.-M.  Cheng, P.-H.  Chen, C.-M.  Yang, S.-H.	miR-196a provides antioxidative neuroprotection via USP15/Nrf2 regulation in Huntington's disease	Free Radical Biology and Medicine	10.1016/j.freera.2023.10.407	
3	Hu, W.-W.  Chen, Y.-C.  Tsao, C.-W.  Chen, S.-L.  Tzeng, C.-Y.	Development of a multifunctional bioreactor to evaluate the promotion effects of cyclic stretching and electrical stimulation on muscle differentiation	Bioengineering and Translational Medicine	10.1002/btm2.10633	Corresponding Author
4	Liao, W.-L.  Lin, H.  Li, Y.-H.  Yang, T.-Y.  Chen, M.-C.	RAGE potentiates EGFR signaling and interferes with the anticancer effect of gefitinib on NSCLC cells	American journal of physiology. Cell physiology	10.1152/ajpcell.00494.2022	
5	Huang, Y.-H.  Lee, Y.-H.  Lin, C.-J.  Hsu, L.-H.  Chen, Y.-L.	Deubiquitination module is critical for oxidative stress response and biofilm formation in <i>Candida glabrata</i>	Medical Mycology	10.1093/mmy/myad099	
6	Lai, T.-C.  Lee, C.-W.  Hsu, M.-H.  Chen, Y.-C.  Lin, S.-R.  Lin, S.-W.  Lee, T.-L.  Lin, S.-Y.  Hsu, S.-H.  Tsai, J.-S.  Chen, Y.-L.	Nanocurcumin Reduces High Glucose and Particulate Matter-Induced Endothelial Inflammation: Mitochondrial Function and Involvement of miR-221/222	International Journal of Nanomedicine	10.2147/IJN.S433658	First Author
7	Kok, Z.  Kuo, Y.-W.  Soh, Z.T.  Huang, H.-C.  Tseng, B.-S.  Hsieh, H.-C.  Tsai, W.-A.  Jeng, S.-T.  Chen, S.-P.  Lin, J.-S.	Regulatory roles of microRNA163 in responses to stresses in <i>Arabidopsis</i>	Physiologia Plantarum	10.1111/ppl.14053	Corresponding Author
8	Chen, S.-P.  Kuo, Y.-W.  Lin, J.-S.	Review: Defense responses in sweetpotato ( <i>Ipomoea batatas</i> L.) against biotic stress	Plant Science	10.1016/j.plantsci.2023.111893	Corresponding Author
9	Lin, J.-W.  Liao, C.-P.  Chou, C.-C.  Clark, R.W.  Tseng, H.-Y.  Hsu, J.-Y.  Huang, W.-S.	Loss of sea turtle eggs drives the collapse of an insular reptile community	Science advances	10.1126/sciadv.adj7052	
10	Ranasinghe, N.  Chen, W.-Z.  Hu, Y.-C.  Gamage, L.  Lee, T.-H.  Ho, C.-W.	Regulation of PGC-1 $\alpha$ of the Mitochondrial Energy Metabolism Pathway in the Gills of Indian Medaka ( <i>Oryzias dancena</i> ) under Hypothermal Stress	International Journal of Molecular Sciences	10.3390/ijms242216187	Corresponding Author
11	Mattos, F.M.G.  Dreyer, N.  Fong, C.-L.  Wen, Y.-H.V.  Jain, D.  De Vivo, M.  Huang, Y.-S.  Mwhiki, J.K.  Wang, T.-Y.  Ho, M.-J.  Tsai, I.J.  Wang, J.  Chan, B.K.K.  Machida, R.J.	Potential PCR amplification bias in identifying complex ecological patterns: Higher species compositional homogeneity revealed in smaller-size coral reef zooplankton by metatranscriptomics	Molecular Ecology Resources	10.1111/1755-0998.13911	

No.	Authors	Title	Scopus Source title	DOI	Authorship
12	Lin, A.-C.  Lin, H.-J.	Long-term response of trophic structure and function to dam removal in a subtropical mountain stream	Ecological Indicators	10.1016/j.ecolind.2023.111136	Corresponding Author
13	Chien, H.-H.  Lai, M.-C.  Weng, C.-Y.  Chen, M.-F.  Wu, S.-Y.  Lin, S.  Chen, S.	Methanovulcanius yangii gen. nov., sp. nov., a hydrogenotrophic methanogen, isolated from a submarine mud volcano in the offshore area of southwestern Taiwan	International Journal of Systematic and Evolutionary Microbiology	10.1099/ijsem.0.006164	Corresponding Author
14	Lee, W.-J.  Chuang, H.-N.  Hsiao, T.-H.  Lee, W.-L.  Wu, J.-P.  Sheu, W.H.-H.  Liang, K.-W.	Prevalence and prognosis of genetically proven familial hypercholesterolemia in subjects with coronary artery disease and reduced ejection fraction	Scientific Reports	10.1038/s41598-023-44065-y	
15	Chen, J.-M.  Chiang, W.-L.  Ji, B.-C.  Jhang, R.-J.  Chen, P.-H.  Li, Y.-L.  Chang, C.-J.  Huang, S.-Y.  Lee, T.-C.  Chen, C.-Y.  Lin, C.-H.  Lin, S.-H.	Acupuncture for ventilator-dependent patients at a hospital-based respiratory care center: A randomized controlled trial	Integrative Medicine Research	10.1016/j.imr.2023.100997	Corresponding Author
16	Lin, C.  Chao, W.-C.  Pai, K.-C.  Yang, T.-Y.  Wu, C.-L.  Chan, M.-C.	Prolonged use of neuromuscular blocking agents is associated with increased long-term mortality in mechanically ventilated medical ICU patients: a retrospective cohort study	Journal of Intensive Care	10.1186/s40560-023-00696-x	Corresponding Author
17	Kao, Y.-T.  Yen, C.-C.  Fan, H.-C.  Chen, J.-K.  Chen, M.-S.  Lan, Y.-W.  Yang, S.-H.  Chen, C.-M.	In Utero Cell Treatment of Hemophilia A Mice via Human Amniotic Fluid Mesenchymal Stromal Cell Engraftment	International Journal of Molecular Sciences	10.3390/ijms242216411	Corresponding Author
18	Liao, T.-L.  Liu, H.-J.  Chen, D.-Y.  Tang, K.-T.  Chen, Y.-M.  Liu, P.-Y.	SARS-CoV-2 primed platelets – derived microRNAs enhance NETs formation by extracellular vesicle transmission and TLR7/8 activation	Cell Communication and Signaling	10.1186/s12964-023-01345-4	First Author, Corresponding Author
19	Lin, S.-Y.  Wang, Y.-Y.  Pan, P.-H.  Wang, J.-D.  Yang, C.-P.  Chen, W.-Y.  Kuan, Y.-H.  Liao, S.-L.  Lo, Y.-L.  Chang, Y.-H.  Chen, C.-J.	DHA alleviated hepatic and adipose inflammation with increased adipocyte browning in high-fat diet-induced obese mice	Journal of Nutritional Biochemistry	10.1016/j.jnutbio.2023.109457	Corresponding Author
20	Lin, C.-H.  Hsieh, F.-C.  Lai, C.-C.  Wang, W.-C.  Kuo, C.-Y.  Yang, C.-C.  Hsu, H.-W.  Tam, H.-M.-H.  Yang, C.-Y.  Wu, H.-Y.	Identification of the protein coding capability of coronavirus defective viral genomes by mass spectrometry	Virology Journal	10.1186/s12985-023-02252-3	Corresponding Author
21	Wu, Y.-H.  Chen, S.-Y.  Yang, J.-Y.  Chen, Y.-Y.  Yen, G.-C.	Gac (Momordica cochinchinensis Spreng.) oil supplementation mitigates cognitive decline in AIC13-induced rats through the regulation of Alzheimer's disease markers and autophagy via gut-brain communication	Journal of Functional Foods	10.1016/j.jff.2023.105860	Corresponding Author

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22	Wu, Y.-J.  Chen, S.-Y.  Hsu, F.-C.  Wu, W.-L.  Hsieh, T.-F.  Su, J.-F.  Lai, Y.-H.  Lai, P.-C.  Chen, W.-H.  Chen, H.-H.	PeCIN8 expression correlates with flower size and resistance to yellow leaf disease in Phalaenopsis orchids	BMC Plant Biology	10.1186/s12870-023-04567-3	
23	Xu, J.-W.  Li, C.-C.  Liu, J.-W.  Chang, W.-C.  Chang, W.-S.  Wu, J.-H.	Assessing the Long-Term Creep Behaviour of Hydrothermally Treated Japanese Cedar Wood Using the Short-Term Accelerated Stepped Isostress Method	Polymers	10.3390/polym15204149	Corresponding Author
24	Lin, C.-C.  Liu, Y.-T.  Chang, P.-H.  Hsieh, Y.-C.  Tzou, Y.-M.	Inhibition of continuous cropping obstacle of celery by chemically modified biochar: An efficient approach to decrease bioavailability of phenolic allelochemicals	Journal of Environmental Management	10.1016/j.jenvman.2023.119316	Corresponding Author
25	Ou, C.  Toan, N.V.  Tsai, Y.  Voiculescu, I.  Toda, M.  Ono, T.	A Large-Stroke 3-DOF Micromirror With Novel Lorentz Force-Based Actuators Utilizing Metallic Glass Thin Film	Journal of Microelectromechanical Systems	10.1109/JMEMS.2023.3337333	
26	Lan, Y.X.  De Yan, J.  Su, H.L.  Wu, C.C.  Kuo, C.H.  Chiu, C.C.  Chang, M.W.  Takemoto, L.  Wu, C.C.  Wang, H.M.D.	Exploring the potential of dual-sensitive hydrogels for personalized precision medicine applications	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2023.105303	Corresponding Author
27	Do, D.-H.  Nguyen, T.-B.-N.  Ha, V.-C.  Raja, J.A.J.  Yeh, S.-D.	Generation of Attenuated Passiflora Mottle Virus Through Modification of the Helper Component Protease for Cross Protection	Phytopathology	10.1094/PHYTO-01-23-0007-R	Corresponding Author
28	Faradina, A.  Tung, Y.-T.  Chen, S.-H.  Liao, Y.-C.  Chou, M.-J.  Teng, I.-C.  Lin, W.-L.  Wang, C.-C.  Sheu, M.-T.  Chou, P.-Y.  Shih, C.-K.  Skalny, A.V.  Tinkov, A.A.  Chang, J.-S.	Djulius Hull Enhances the Efficacy of Ferric Citrate Supplementation via Restoring Normal Iron Efflux through the IL-6-Hepcidin-Ferroportin Pathway in High-Fat-Diet-Induced Obese Rats	Journal of Agricultural and Food Chemistry	10.1021/acs.jafc.3c02826	
29	Tran, T.-N.-B.  Cheng, H.-W.  Xie, X.-Y.  Raja, J.A.J.  Yeh, S.-D.	Concurrent Control of Two Aphid-Borne Potyviruses in Cucurbits by Two-in-One Vaccine	Phytopathology	10.1094/PHYTO-01-23-0019-R	Corresponding Author
30	Lin, Y.-R.  Liu, W.-Y.	Assessment of timber value and carbon credits provided by pure and mixed forests in Taiwan	Frontiers in Forests and Global Change	10.3389/ffgc.2023.1246992	Corresponding Author
31	Lee, J.-Y.  Yang, C.-J.  Peng, T.-R.  Lee, T.-Y.  Huang, J.-C.	Landscape structures regulate the contrasting response of recession along rainfall amounts	Hydrology and Earth System Sciences	10.5194/hess-27-4279-2023	First Author
32	Chen, Y.-T.  Lin, T.-J.  Hung, C.-Y.	Blood RNA-sequencing analysis in acrylamide-induced neurotoxicity and depressive symptoms in rats	Environmental Toxicology	10.1002/tox.24112	First Author, Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
33	Villanueva, K.H.	The togetherness of peoples: the genesis of a humanist agenda in a post-Westphalian age	Postcolonial Studies	10.1080/13688790.2022.2156315	Corresponding Author
34	Hou, M.-H.  Wang, Y.-C.  Yang, C.-S.  Liao, K.-F.  Chang, J.-W.  Shih, O.  Yeh, Y.-Q.  Sriramoju, M.K.  Weng, T.-W.  Jeng, U.-S.  Hsu, S.-T.D.  Chen, Y.	Structural insights into the regulation, ligand recognition, and oligomerization of bacterial STING	Nature Communications	10.1038/s41467-023-44052-x	Corresponding Author
35	Huang, Y.-B.  Hong, C.-J.  Chou, M.-Y.	Laboratory evaluation of interspecific mating between <i>Zeugodacus</i> fruit flies and <i>Bactrocera dorsalis</i>	Entomologia Experimentalis et Applicata	10.1111/eea.13397	Corresponding Author
36	Chang, C.-C.  Chang, C.-L.	A global study of screening intensity and economic status on epidemic control performance during various epidemic periods of COVID-19 mutant strains	Risk Analysis	10.1111/risa.14263	First Author, Corresponding Author
37	Chen, Y.-J.  Chen, H.-J.  Chung, W.-H.	Endophytic Fungal Diversity in <i>Cirsium kawakamii</i> from Taiwan	Journal of Fungi	10.3390/jof9111076	Corresponding Author
38	Chen, S.-L.  Huang, C.-H.	Effects of <i>Azotobacter</i> and Carbon Dioxide Concentrations on the Growth and Yield of Rice Plants Grown in Two Paddy Soils	Agronomy	10.3390/agronomy13122998	Corresponding Author
39	Zhang, Y.-H.  Leu, W.-M.  Meng, M.	Hydrolysis of Gluten-Derived Celiac Disease-Triggering Peptides across a Broad pH Range by RmuAP1: A Novel Aspartic Peptidase Isolated from <i>Rhodotorula mucilaginosa</i>	Journal of Agricultural and Food Chemistry	10.1021/acs.jafc.3c04750	Corresponding Author
40	Huang, Y.-C.  Tsai, C.-Y.  Wang, C.-L.	Host Invasion Type Is a Phylogenetically Conserved Characteristic of Cephaleuros	Plant Disease	10.1094/PDIS-10-22-2338-RE	Corresponding Author
41	Lin, S.-Y.  Lin, T.-Y.  Hameed, A.  Tang, Y.-S.  Young, C.-C.	<i>Neopusillimonas aromaticivorans</i> sp. nov. isolated from poultry manure	International Journal of Systematic and Evolutionary Microbiology	10.1099/ijsem.0.006146	First Author, Corresponding Author
42	Hameed, A.  Nguyen, D.H.  Lin, S.-Y.  Stothard, P.  Neelakandan, P.  Young, L.-S.  Young, C.-C.	Hormesis of glyphosate on ferulic acid metabolism and antifungal volatile production in rice root biocontrol endophyte <i>Burkholderia cepacia</i> LS-044	Chemosphere	10.1016/j.chemosphere.2023.140511	Corresponding Author
43	Chang, C.-K.  Lin, F.-Y.  Tsai, S.-Y.  Gavahian, M.  Cheng, K.-C.  Hou, C.-Y.  Chen, M.-H.  Santoso, S.P.  Hsieh, C.-W.	Active packaging incorporating chitosan, casein phosphopeptide, and plasmonic modification to maintain quality and regulate the respiration rate of fresh-cut <i>Pyrus serotina</i> Rehder during storage	Food Packaging and Shelf Life	10.1016/j.fpsl.2023.101223	First Author, Corresponding Author

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44	Sun, H.-C.  Lai, Y.-H.  Huang, K.-Y.  Huang, S.-Y.  Shyu, J.-G.  Perng, Y.-S.	Circular utilization of discarded oyster farming bamboo scaffolding in pulp and papermaking	Scientific Reports	10.1038/s41598-023-48191-5	Corresponding Author
45	Punthi, F.  Yudhistira, B.  Gavahian, M.  Chang, C.-K.  Husnayain, N.  Hou, C.-Y.  Yu, C.-C.  Hsieh, C.-W.	Optimization of Plasma Activated Water Extraction of <i>Pleurotus ostreatus</i> Polysaccharides on Its Physiochemical and Biological Activity Using Response Surface Methodology	Foods	10.3390/foods12234347	Corresponding Author
46	Chiu, J.-H.  Chen, S.-Y.  Chiang, I.-C.  Yen, G.-C.	Protective effects of camellia oil and gac oil against corticosterone-induced neurotoxicity in Neuro-2a cells	Food Bioscience	10.1016/j.fbio.2023.103225	Corresponding Author
47	Hsieh, T.-T.  Chang, J.-C.  Hsieh, C.  Tseng, J.-T.  Lin, S.-J.  Yang, C.-J.  Hsieh, F.-C.  Nai, Y.-S.	Miticidal activity of <i>Phototarhabdus luminescens</i> for controlling two spider mites, <i>Tetranychus urticae</i> and <i>Tetranychus kanzawai</i> , in <i>Carica papaya</i>	BioControl	10.1007/s10526-023-10228-z	Corresponding Author
48	Ahmed, M.M.M.  Liu, Y.-T.  Nail, H.M.  Venkatesan, S.  Tzou, D.-L.M.  Jien, S.-H.  Wu, M.C.  Lin, M.-C.  Wang, H.-M.D.  Chen, J.-Y.  YuminTzou	Synergistic catalysis of graphitic carbon nitride and dichromate for augmented oxidative polymerization of hydroquinone leading to enhanced humic-like substance formation	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2023.105235	First Author
49	Patel, J.S.  Chouvenc, T.  Wu, C.-C.  Li, H.-F.  Su, N.-Y.	Soldier phenotypic differences among 2 invasive and destructive <i>Coptotermes</i> species and their hybrids (Blattodea: Isoptera: Rhinotermitidae)	Journal of Insect Science	10.1093/jisesa/iead095	
50	Yen, P.-L.  Lin, T.-A.  Chuah, W.L.  Chang, C.-Y.  Tseng, Y.-H.  Huang, C.-Y.  Yang, J.-C.  Hsu, F.-L.  Liao, V.H.-C.	Methanol Extracts from <i>Cirsium japonicum</i> DC. var. <i>australe</i> Kitam. and Their Active Components Reduce Intracellular Oxidative Stress in <i>Caenorhabditis elegans</i>	Molecules	10.3390/molecules28196923	
51	Wang, E.S.-T.  Lin, J.-Y.  Liao, Y.-T.	The Effects of Positive Valence and Intensity of Word-Of-Mouth and Advertising on Forming Beer Brand Equity and Purchase Intentions	Journal of Food Products Marketing	10.1080/10454446.2023.2273517	First Author, Corresponding Author
52	Wang, Y.-C.  Tsai, C.-H.  Wang, Y.-C.  Yen, L.-C.  Chang, Y.-W.  Sun, J.-R.  Lin, T.-Y.  Chiu, C.-H.  Chao, Y.-C.  Chang, F.-Y.	SARS-CoV-2 nucleocapsid protein, rather than spike protein, triggers a cytokine storm originating from lung epithelial cells in patients with COVID-19	Infection	10.1007/s15010-023-02142-4	
53	Chang, C.-P.  Hang, J.-F.  Chen, C.-J.  Tung, C.-L.  Lien, H.-C.  Lai, C.-R.  Hsu, C.-Y.	Tonsil tissue control is ideal for monitoring estrogen receptor immunohistochemical staining	Journal of the Chinese Medical Association	10.1097/JCMA.0000000000001007	
54	Yang, W.-C.  Hsieh, H.-M.  Chen, J.-P.  Tsai, S.-F.  Chiu, H.-F.  Chung, M.-C.  Huang, S.-T.  Chen, Y.-Y.  Chen, C.-H.	Efficacy and Safety of a High-Energy, Low-Protein Formula Replacement Meal for Pre-Dialysis Chronic Kidney Disease Patients: A Randomized Controlled Trial	Nutrients	10.3390/nu15214506	Corresponding Author

No.	Authors	Title	Scopus Source title	DOI	Authorship
55	Wu, S.-J.  Lo, L.-W.  Chung, F.-P.  Lin, Y.-J.  Chang, S.-L.  Hu, Y.-F.  Hsieh, Y.-C.  Li, C.-H.  Tuan, T.-C.  Chao, T.-F.  Liao, J.-N.  Lin, C.-Y.  Chang, T.-Y.  Kuo, L.  Liu, C.-M.  Liu, S.-H.  Wu, C.-I.  Weng, C.-J.  Kuo, M.-J.  Li, G.-Y.  Huang, Y.-S.  Bautista, J.A.  Siow, Y.-K.  Ngoc, N.D.S.  Chen, S.-A.	Comparison of Long-Term Clinical Outcomes Between Segmental and Circumferential Pulmonary Vein Isolation in Patients Undergoing Repeat Atrial Fibrillation Ablation	Circulation Journal	10.1253/circj.CJ-23-0364	Corresponding Author
56	Chu, W.-M.  Nishita, Y.  Tange, C.  Zhang, S.  Furuya, K.  Shimokata, H.  Lee, M.-C.  Arai, H.  Otsuka, R.	Effects of cigarette smoking and secondhand smoke exposure on physical frailty development among community-dwelling older adults in Japan: Evidence from a 10-year population-based cohort study	Geriatrics and Gerontology International	10.1111/ggi.14708	First Author
57	Chu, W.-M.  Nishita, Y.  Tange, C.  Zhang, S.  Furuya, K.  Shimokata, H.  Otsuka, R.  Lee, M.-C.  Arai, H.	Association of a lesser number of teeth with more risk of developing depressive symptoms among middle-aged and older adults in Japan: A 20-year population-based cohort study	Journal of Psychosomatic Research	10.1016/j.jpsychores.2023.111498	First Author
58	Wen, C.P.  Tsai, M.K.  Lee, J.H.  Chiou, H.Y.  Wen, C.  Chu, T.-W.D.  Chen, C.H.	Uncovering a dose-response relationship between positive fecal immunochemical test (FIT) and all-cause, cardiovascular and cancer-related mortality	European Journal of Internal Medicine	10.1016/j.ejim.2023.09.023	Corresponding Author
59	Wu, C.-L.  Fang, Y.-W.  Hou, Y.-C.  Lu, K.-C.  Tsai, W.-H.  Lu, P.-H.  Lee, T.-S.  Kuo, K.-L.	Association of mono-2-ethylhexyl phthalate with adverse outcomes in chronic hemodialysis patients	Environmental science and pollution research international	10.1007/s11356-023-30814-z	First Author
60	Chen, C.-H.  Lin, T.-M.  Hung, S.-C.  Wu, M.-J.  Tsai, S.-F.	A quality improvement initiative for patients with chronic kidney disease to promote their smoking cessation	Tobacco Induced Diseases	10.18332/tid/170626	First Author, Corresponding Author
61	Chang, L.-W.  Hung, S.-C.  Chou, Y.-E.  Chen, C.-S.  Li, J.-R.  Lin, C.-Y.  Wang, S.-S.  Yang, S.-F.	The impacts of MACC1 gene polymorphisms on urothelial cell carcinoma susceptibility and clinicopathologic characteristics in Taiwan	Journal of Cancer	10.7150/jca.90130	First Author
62	Chen, C.-H.  Wu, M.-J.  Tsai, S.-F.	Safety and effectiveness of COVID-19 vaccines in patients with IgA nephropathy: a retrospective cohort study from the TriNetX global collaborative networks	eClinicalMedicine	10.1016/j.eclinm.2023.102306	First Author, Corresponding Author
63	Kuo, N.-C.  Lin, C.-H.  Lin, M.-C.	Comparative effectiveness of two intravenous immunoglobulin products in children with Kawasaki disease, a nationwide cohort study	Scientific Reports	10.1038/s41598-023-45092-5	Corresponding Author



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64	Tsai, S.-F.  Chang, C.-Y.  Yang, J.-Y.  Ho, Y.-Y.  Hsiao, C.-C.  Hsu, S.-C.  Chen, S.-Y.  Lin, H.-Y.  Yeh, T.-F.  Chen, C.-H.	Exploring knowledge, attitude, and intention towards advance care planning, advance directive, and the patient self-determination act among hemodialysis patients	BMC Palliative Care	10.1186/s12904-023-01321-2	First Author, Corresponding Author
65	Lee, M.-H.  Wu, M.-C.  Wang, Y.-H.  Wei, J.C.-C.	Maternal constipation is associated with allergic rhinitis in the offspring: A nationwide retrospective cohort study	PLoS ONE	10.1371/journal.pone.0292594	
66	Liao, W.-J.  Tang, S.-C.  Shih, H.-T.  Su, K.-C.  Tu, K.-C.  Wang, S.-P.	The compensatory hypertrophy of transferred flexor hallucis longus tendon for insertional Achilles tendinopathy: a retrospective MRI study	Scientific Reports	10.1038/s41598-023-47725-1	Corresponding Author
67	Chang, H.-C.  Wu, C.-L.  Chiu, T.-M.  Liao, W.-C.  Gau, S.-Y.	Risk of osteoarthritis in patients with hidradenitis suppurativa: a global federated health network analysis	Frontiers in Immunology	10.3389/fimmu.2023.1285560	Corresponding Author
68	Yao, Y.-P.  Yang, P.-J.  Lee, C.-Y.  Huang, J.-Y.  Yang, S.-F.  Lin, H.-Y.	Utilization of sodium-glucose cotransporter 2 inhibitors on dry eye disease severity in patients with type 2 diabetes mellitus	International Journal of Medical Sciences	10.7150/ijms.88720	Corresponding Author
69	Tsai, M.-C.  Yen, H.-H.  Tsai, H.-Y.  Huang, Y.-K.  Luo, Y.-S.  Kornelius, E.  Sung, W.-W.  Lin, C.-C.  Tseng, M.-H.  Wang, C.-C.	Artificial intelligence system for the detection of Barrett' s esophagus	World Journal of Gastroenterology	10.3748/wjg.v29.i48.6198	
70	Wu, T.-K.  Hung, T.-W.  Chen, Y.-S.  Pan, Y.-R.  Hsieh, Y.-H.  Tsai, J.-P.	Corosolic acid inhibits metastatic response of human renal cell carcinoma cells by modulating ERK/MMP2 signaling	Environmental Toxicology	10.1002/tox.23999	First Author
71	Chou, J.-F.  Wu, J.-S.  Chen, Y.-L.  Chen, S.-N.	Modified early intensive and treat-and-extend regimen of anti-vascular endothelial growth factor for diabetic macular edema in Taiwan	Scientific Reports	10.1038/s41598-023-43931-z	Corresponding Author
72	Hsueh, K.-C.  Ju, P.-C.  Hsieh, Y.-H.  Su, S.-C.  Yeh, C.-B.  Lin, C.-W.	HO-3867, a curcumin analog, elicits cell apoptosis and p38-mediated caspase activation in hepatocellular carcinoma	Environmental Toxicology	10.1002/tox.23977	First Author
73	Shih, N.-C.  Yeh, L.-T.  Wang, B.-Y.  Wang, Y.-H.  Yang, S.-F.  Yeh, C.-B.	Dose – response association of benzodiazepine use and development of deep vein thrombosis	Psychiatry Research	10.1016/j.psychres.2023.115553	
74	Wang, T.-E.  Lee, C.-I.  Huang, C.-C.  Tsao, H.-M.  Chang, H.-C.  Chang, L.-S.  Chang, T.A.  Lee, M.-S.  Hsu, C.-T.	Innovative technology for evaluation of sperm DNA double-strand breaks diagnoses male factor infertility and prevents reproductive failures	Scientific Reports	10.1038/s41598-023-46049-4	
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78	Khoo, S.-H.  Wu, P.-R.  Yeh, K.-T.  Hsu, S.-L.  Wu, C.-H.	Biological and clinical significance of the AGE-RAGE axis in the aggressiveness and prognosis of prostate cancer	Journal of Food and Drug Analysis	10.38212/2224-6614.3475	
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80	Cheng, H.-I.  Hsu, W.-T.  Wang, W.-H.  Li, R.-H.  Tang, F.-C.  Huang, S.-L.	Health Behavior Models and Regular Exercise Levels Among Workers in Taiwan	Journal of Multidisciplinary Healthcare	10.2147/JMDH.S435774	Corresponding Author
81	Chen, J.-J.  Chen, I.-C.  Wei, C.-Y.  Lin, S.-Y.  Chen, Y.-M.	Utilize polygenic risk score to enhance fracture risk estimation and improve the performance of FRAX in patients with osteoporosis	Archives of Osteoporosis	10.1007/s11657-023-01357-0	Corresponding Author
82	Ko, C.-Y.  Lin, Y.-Y.  Achudhan, D.  Chang, J.-W.  Liu, S.-C.  Lai, C.-Y.  Huang, Y.-L.  Tsai, C.-H.  Fong, Y.-C.  Chen, H.-T.  Lee, K.-T.  Huang, C.-C.  Chang, T.-K.  Tang, C.-H.	Omentin-1 ameliorates the progress of osteoarthritis by promoting IL-4-dependent anti-inflammatory responses and M2 macrophage polarization	International Journal of Biological Sciences	10.7150/ijbs.86701	
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89	Hsieh, M.-J.  Lin, C.-C.  Lo, Y.-S.  Ho, H.-Y.  Chuang, Y.-C.  Chen, M.-K.	Hellebrigenin induces oral cancer cell apoptosis by modulating MAPK signalling and XIAP expression	Journal of Cellular and Molecular Medicine	10.1111/jcmm.18071	First Author, Corresponding Author
90	Lee, C.-W.  Huang, C.-C.  Jang, Y.-C.  Chen, K.-C.  Ho, S.-Y.  Chou, C.-T.  Wu, W.-P.	Diagnostic Accuracy for Acute Rib Fractures: A Cross-sectional Study Utilizing Automatic Rib Unfolding and 3D Volume-Rendered Reformation	Academic Radiology	10.1016/j.acra.2023.08.037	
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92	Juan, C.-K.  Su, Y.-H.  Wu, C.-Y.  Yang, C.-S.  Hsu, C.-H.  Hung, C.-L.  Chen, Y.-J.	Deep convolutional neural network with fusion strategy for skin cancer recognition: model development and validation	Scientific Reports	10.1038/s41598-023-42693-y	Corresponding Author
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94	Chang, W.-K.  Peng, C.-L.  Chen, Y.-W.  Sun, C.-K.  Chen, C.-C.  Liu, T.-C.  Chu, Y.-Y.  Tsai, I.-F.  Chung, C.-S.  Lin, H.-F.  Hsu, F.-Y.  Tai, W.-C.  Lee, H.-C.  Yen, H.-H.  Wang, E.-M.  Chen, S.-H.  Chu, C.-H.  Chen, M.-J.  Lu, C.-L.  Chiu, C.-T.	Recommendations and guidelines for endoscope reprocessing: Current position statement of digestive endoscopic society of Taiwan	Journal of Microbiology, Immunology and Infection	10.1016/j.jmii.2023.12.001	
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97	Chen, M.-H.  Lin, H.-C.  Chao, T.  Lee, V.S.-Y.  Hou, C.-L.  Wang, T.-J.  Chen, J.-R.	Hyaluronic Acid Conjugated with 17 $\beta$ -Estradiol Effectively Alleviates Estropause-Induced Cognitive Deficits in Rats	International Journal of Molecular Sciences	10.3390/ijms242115569	First Author, Corresponding Author

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99	Palla, S.R.  Li, C.-W.  Chao, T.-L.  Lo, H.-L.V.  Liu, J.-J.  Pan, M.Y.-C.  Chiu, Y.-T.  Lin, W.-C.  Hu, C.-W.  Yang, C.-M.  Chen, Y.-Y.  Fang, J.-T.  Lin, S.-W.  Lin, Y.-T.  Lin, H.-C.  Kuo, C.-J.  Wang, L.H.-C.  Chang, S.-Y.  Liang, P.-H.	Synthesis, evaluation, and mechanism of 1-(4-(arylethylenylcarbonyl)phenyl)-4-carboxy-2-pyrrolidinones as potent reversible SARS-CoV-2 entry inhibitors	Antiviral Research	10.1016/j.antiviral.2023.105735	Corresponding Author
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101	Blechter, B.  Chien, L.-H.  Chen, T.-Y.  Chang, I.-S.  Choudhury, P.P.  Hsiao, C.-F.  Shu, X.-O.  Wong, J.Y.Y.  Chen, K.-Y.  Chang, G.-C.  Tsai, Y.-H.  Su, W.-C.  Huang, M.-S.  Chen, Y.-M.  Chen, C.-Y.  Hung, H.-H.  Hu, J.-W.  Shi, J.  Zheng, W.  Rositch, A.F.  Chen, C.-J.  Chatterjee, N.  Yang, P.-C.  Rothman, N.  Hsiung, C.A.  Lan, Q.	Polygenic Risk Score, Environmental Tobacco Smoke, and Risk of Lung Adenocarcinoma in Never-Smoking Women in Taiwan	JAMA Network Open	10.1001/jamanetworkopen.2023.39254	
102	Weng, S.-C.  Hsu, C.-Y.  Wu, M.-F.  Lee, W.-H.  Lin, S.-Y.	The Impact of Frailty Status on Pulmonary Function and Mortality in Older Patients with Chronic Obstructive Pulmonary Disease	Journal of Nutrition, Health and Aging	10.1007/s12603-023-2017-7	First Author
103	Liu, T.-C.  Peng, Y.-S.  Cheng, B.-Y.	Physiological and Physical Strategies to Minimize Damage at the Branch – Stem Junction of Trees: Using the Finite Element Method to Analyze Stress in Four Branch – Stem Features	Plants	10.3390/plants12234060	First Author
104	Tsai, C.-L.  Shih, L.-C.  Yeh, W.-B.  Byun, B.-K.  Jinbo, U.  Ning, F.-Y.  Sung, I.-H.	Genetic differentiation and species diversification of the Adoxophyes orana complex (Lepidoptera: Tortricidae) in East Asia	Journal of Economic Entomology	10.1093/jee/toad155	
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108	Luo, C.-W.  Kuan, Y.-H.  Chen, W.-Y.  Chen, C.-J.  Lin, F.C.-F.  Tsai, S.C.-S.	Association between PM2.5 exposure and risk of Parkinson's disease in individuals with chronic obstructive pulmonary disease in Taiwan: a nested case-control study	Epidemiology and health	10.4178/epih.e2023094	
109	Chiu, C.-M.  Lee, S.-Y.  Chen, P.-R.  Zhan, S.-Q.  Yuann, J.-M.P.  Huang, S.-T.  Wu, M.-F.  Cheng, C.-W.  Chang, Y.-C.  Liang, J.-Y.	An investigation of the influence of reactive oxygen species produced from riboflavin-5'-phosphate by blue or violet light on the inhibition of WiDr colon cancer cells	Photodiagnosis and Photodynamic Therapy	10.1016/j.pdpdt.2023.103810	
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111	Wu, P.-J.  Tsai, S.C.-S.  Huang, J.-Y.  Lee, M.-S.  Wang, P.-H.  Lin, F.C.-F.	From Infection to Malignancy: Tracing the Impact of Human Papillomavirus on Uterine Endometrial Cancer in a Nationwide Population-Based Cohort Study	Viruses	10.3390/v15122314	
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113	Li, M.-S.	William Cumberland Cruikshank (1745 – 1800)	Journal of Neurology	10.1007/s00415-023-12125-y	
114	Cantón, R.  Gottlieb, T.  Coombs, G.W.  Woo, P.C.Y.  Korman, T.M.  Garcia-Castillo, M.  Daley, D.  Bauer, K.A.  Wong, M.  Wolf, D.J.  Siddiqui, F.  Motyl, M.	Antimicrobial surveillance: A 20-year history of the SMART approach to addressing global antimicrobial resistance into the future	International Journal of Antimicrobial Agents	10.1016/j.ijantimicag.2023.107014	
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117	Lee, C.-T.  Chen, T.-W.  Yu, Y.-F.  Strong, C.  Lin, C.-Y.  Chang, Y.-H.  Hsieh, Y.-P.  Lin, Y.-C.  Ubeda Herrera, J.J.  Tsai, M.-C.	Reciprocal Peer Network Processes on Substance Use and Delinquent Behavior in Adolescence: Analysis from a Longitudinal Youth Cohort Study	International Journal of Mental Health and Addiction	10.1007/s11469-022-00904-z	
118	Cheng, Y.-C.  Ma, W.-C.  Li, Y.-H.  Wu, J.  Liang, K.-W.  Lee, W.-J.  Liu, H.-C.  Sheu, W.H.-H.  Lee, I.-T.	Plasma aryl hydrocarbon receptor associated with epicardial adipose tissue in men: a cross-sectional study	Diabetology and Metabolic Syndrome	10.1186/s13098-023-01166-y	
119	Lin, C.-H.  Chen, B.J.  Chao, D.-Y.  Hsieh, F.-C.  Lai, C.-C.  Wang, W.-C.  Kuo, C.-Y.  Yang, C.-C.  Hsu, H.-W.  Tam, H.-M.-H.  Wu, H.-Y.	Biological characterization of coronavirus noncanonical transcripts in vitro and in vivo	Virology Journal	10.1186/s12985-023-02201-0	First Author, Corresponding Author
120	Grillet, L.  Hsieh, E.-J.  Schmidt, W.	Transcriptome analysis of iron over-accumulating Arabidopsis genotypes uncover putative novel regulators of systemic and retrograde signaling	Plant Genome	10.1002/tpg2.20411	Corresponding Author
121	Lee, K.-T.  Liao, H.-S.  Hsieh, M.-H.	Glutamine Metabolism, Sensing and Signaling in Plants	Plant & cell physiology	10.1093/pcp/pcad054	
122	Wu, S.-M.  Jan, Y.-J.  Tsai, S.-C.  Pan, H.-C.  Shen, C.-C.  Yang, C.-N.  Lee, S.-H.  Liu, S.-H.  Shen, L.-W.  Chiu, C.-S.  Arbiser, J.L.  Meng, M.  Sheu, M.-L.	Targeting histone deacetylase-3 blocked epithelial-mesenchymal plasticity and metastatic dissemination in gastric cancer	Cell Biology and Toxicology	10.1007/s10565-021-09673-2	Corresponding Author
123	Lin, H.-H.  Chang, C.-Y.  Huang, Y.-R.  Shen, C.-H.  Wu, Y.-C.  Chang, K.-L.  Lee, Y.-C.  Lin, Y.-C.  Ting, W.-C.  Chien, H.-J.  Zheng, Y.-F.  Lai, C.-C.  Hsiao, K.-Y.	Exon Junction Complex Mediates the Cap-Independent Translation of Circular RNA	Molecular Cancer Research	10.1158/1541-7786.MCR-22-0877	Corresponding Author
124	Hsu, C.-Y.  Jang, Y.  Huang, W.-R.  Wang, C.-Y.  Wen, H.-W.  Tsai, P.-C.  Yang, C.-Y.  Munir, M.  Liu, H.-J.	Development of Polycistronic Baculovirus Surface Display Vectors to Simultaneously Express Viral Proteins of Porcine Reproductive and Respiratory Syndrome and Analysis of Their Immunogenicity in Swine	Vaccines	10.3390/vaccines11111666	Corresponding Author
125	Valdez, G.  Shyur, L.-F.  Wang, S.-Y.  Chen, S.-E.	Phytogenics in Ginger, <i>Origanum vulgare</i> , and <i>Syzygium aromaticum</i> and Their Potential as a Feed Additive against <i>Clostridium perfringens</i> in Broiler Production	Animals	10.3390/ani13233643	Corresponding Author

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126	Chi, H.  Kavousi, A.  Gharekhani, G.  Atlihan, R.  Özgökçe, M.S.  Güncan, A.  Gökçe, A.  Smith, C.L.  Benelli, G.  Guedes, R.N.C.  Amir-Maafi, M.  Shirazi, J.  Taghizadeh, R.  Maroufpoor, M.  Xu, Y.-Y.  Zheng, F.-Q.  Ye, B.-H.  Chen, Z.-Z.  You, M.-S.  Fu, J.-W.  Li, J.-Y.  Shi, M.-Z.  Hu, Z.-Q.  Zheng, C.-Y.  Luo, L.  Yuan, Z.-L.  Zang, L.-S.  Chen, Y.-M.  Tuan, S.-J.  Lin, Y.-Y.  Wang, H.-H.  Gotoh, T.  Ullah, M.S.  Botto-Mahan, C.  Bona, S.D.  Bussaman, P.  Gabre, R.M.  Saska, P.  Schneider, M.I.  Ullah, F.  Desneux, N.	Advances in theory, data analysis, and application of the age-stage, two-sex life table for demographic research, biological control, and pest management	Entomologia Generalis	10.1127/entomologia/2023/2048	
127	Yudhistira, B.  Punthi, F.  Gavahian, M.  Chang, C.-K.  Hazeena, S.H.  Hou, C.-Y.  Hsieh, C.-W.	Nonthermal technologies to maintain food quality and carbon footprint minimization in food processing: A review	Trends in Food Science and Technology	10.1016/j.tifs.2023.104205	Corresponding Author
128	Liang, Y.-X.  Li, P.-H.  Chiang, Y.-C.  Song, H.-Y.  Lai, Y.-J.  Chiang, P.-Y.	Assessment of curcumin self-emulsion containing high methoxyl pectin-whey protein complex: Quality stability by thermal, freeze-thaw treatment, and release characteristics	LWT	10.1016/j.lwt.2023.115398	Corresponding Author
129	Chien, H.-J.  Zheng, Y.-F.  Wang, W.-C.  Kuo, C.-Y.  Hsu, Y.-M.  Lai, C.-C.	Determination of adulteration, geographical origins, and species of food by mass spectrometry	Mass Spectrometry Reviews	10.1002/mas.21780	Corresponding Author
130	Chang, J.  Shen, F.-T.  Lai, W.-A.  Liao, C.-S.  Chen, W.-C.	Co-exposure of dimethomorph and imidacloprid: effects on soil bacterial communities in vineyard soil	Frontiers in Microbiology	10.3389/fmicb.2023.1249167	Corresponding Author
131	Yudhistira, B.  Sulaimana, A.S.  Jumeri  Supartono, W.  Hsieh, C.-W.	The use of low-pressure cold plasma optimization for microbial decontamination and physicochemical preservation of strawberries	Journal of Agriculture and Food Research	10.1016/j.jafr.2023.100844	Corresponding Author
132	Su, C.-C.  Fung, J.-A.  Chang, R.-J.  Chang, C.-J.  Jan, F.-J.  Shih, H.-T.  Chen, J.	TaqMan Quantitative PCR Detection of <i>Xylella taiwanensis</i> in Taiwan	Plant Disease	10.1094/PDIS-01-23-0064-RE	
133	Chiou, Y.-J.  Chan, Y.-F.  Yu, S.-P.  Lu, C.-Y.  Hsiao, S.S.-Y.  Chiang, P.-W.  Hsu, T.-C.  Liu, P.-Y.  Wada, N.  Lee, Y.  Jane, W.-N.  Lee, D.-C.  Huang, Y.-W.  Tang, S.-L.	Similar but different: Characterization of dddD gene - mediated DMSP metabolism among coral-associated <i>Endozoicomonas</i>	Science Advances	10.1126/sciadv.adk1910	Corresponding Author
134	Wu, Y.-C.  Yu, C.-W.  Chiu, J.-Y.  Chiang, Y.-H.  Mitsuda, N.  Yen, X.-C.  Huang, T.-P.  Chang, T.-F.  Yen, C.-J.  Guo, W.-J.	The AT-hook protein AHL29 promotes <i>Bacillus subtilis</i> colonization by suppressing SWEET2-mediated sugar retrieval in <i>Arabidopsis</i> roots	Plant Cell and Environment	10.1111/pce.14779	
135	Chang, G.-C.  Chiu, C.-H.  Yu, C.-J.  Chang, Y.-C.  Chang, Y.-H.  Hsu, K.-H.  Wu, Y.-C.  Chen, C.-Y.  Hsu, H.-H.  Wu, M.-T.  Yang, C.-T.  Chong, I.-W.	Low-dose CT screening among never-smokers with or without a family history of lung cancer in Taiwan: a prospective cohort study	The Lancet Respiratory Medicine	10.1016/S2213-	



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