

# **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

| No. | Authors   | Title  | Scopus Source title                             | DOI   | Authorship           |
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| 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<br>dbiomed.2023.<br>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                     |                      |

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| 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 |

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| 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               |
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| 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>Photobacterium 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                    | 10.1080/1045446.2023.2273517  | 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               |

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| 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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| 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   |                                    |
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