

# Chong-Ming Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,096  
citations

201575

27  
h-index

254106

43  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2709  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Cordycepin Prevents Hyperlipidemia in Hamsters Fed a High-Fat Diet via Activation of AMP-Activated Protein Kinase. <i>Journal of Pharmacological Sciences</i> , 2010, 113, 395-403.   | 1.1 | 106       |
| 2  | Oral administration of rutile and anatase TiO <sub>2</sub> nanoparticles shifts mouse gut microbiota structure. <i>Nanoscale</i> , 2018, 10, 7736-7745.   | 2.8 | 105       |
| 3  | Chemical Constituents and Pharmacological Activity of Agarwood and Aquilaria Plants. <i>Molecules</i> , 2018, 23, 342.  | 1.7 | 87        |
| 4  | Chartaractams A <sup>6</sup> P, Phenylspirodrimanans from the Sponge-Associated Fungus <i>Stachybotrys chartarum</i> with Antihyperlipidemic Activities. <i>Journal of Natural Products</i> , 2014, 77, 138-147.                              | 1.5 | 86        |
| 5  | Perturbation of gut microbiota plays an important role in micro/nanoplastics-induced gut barrier dysfunction. <i>Nanoscale</i> , 2021, 13, 8806-8816.   | 2.8 | 86        |
| 6  | Chlorogenic Acid Protects against Atherosclerosis in ApoE <sup>-/-</sup> Mice and Promotes Cholesterol Efflux from RAW264.7 Macrophages. <i>PLoS ONE</i> , 2014, 9, e95452.   | 1.1 | 80        |
| 7  | Anti-Hyperlipidemic Effects and Potential Mechanisms of Action of the Caffeoylquinic Acid-Rich <i>Pandanus tectorius</i> Fruit Extract in Hamsters Fed a High Fat-Diet. <i>PLoS ONE</i> , 2013, 8, e61922.                                    | 1.1 | 72        |
| 8  | Antihyperglycemic Effect of <i>Cephalotaxus sinensis</i> Leaves and GLUT-4 Translocation Facilitating Activity of Its Flavonoid Constituents. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1123-1129.                            | 0.6 | 61        |
| 9  | Hypoglycemic effect of <i>Belamcanda chinensis</i> leaf extract in normal and STZ-induced diabetic rats and its potential active fraction. <i>Phytomedicine</i> , 2011, 18, 292-297.  | 2.3 | 60        |
| 10 | The caffeoylquinic acid-rich <i>Pandanus tectorius</i> fruit extract increases insulin sensitivity and regulates hepatic glucose and lipid metabolism in diabetic db/db mice. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 412-419. | 1.9 | 60        |
| 11 | Cordycepin activates AMP-activated protein kinase (AMPK) via interaction with the $\beta$ 1 subunit. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 293-304.   | 1.6 | 59        |
| 12 | Overexpressing <i>HRS1</i> Confers Hypersensitivity to Low Phosphate-Elicited Inhibition of Primary Root Growth in <i>Arabidopsis thaliana</i> . <i>Journal of Integrative Plant Biology</i> , 2009, 51, 382-392.                             | 4.1 | 57        |
| 13 | Comprehensive chemical analysis of <i>Schisandra chinensis</i> by HPLC-DAD-MS combined with chemometrics. <i>Phytomedicine</i> , 2013, 20, 1135-1143.   | 2.3 | 54        |
| 14 | <i>Akkermansia muciniphila</i> : A potential novel mechanism of nuciferine to improve hyperlipidemia. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111014.   | 2.5 | 46        |
| 15 | Psychrophilins H and Versicotide C, Cyclic Peptides from the Marine-Derived Fungus <i>Aspergillus versicolor</i> ZLN-60. <i>Journal of Natural Products</i> , 2014, 77, 2218-2223.  | 1.5 | 45        |
| 16 | Chrysin inhibits foam cell formation through promoting cholesterol efflux from RAW264.7 macrophages. <i>Pharmaceutical Biology</i> , 2015, 53, 1481-1487.   | 1.3 | 44        |
| 17 | The antihyperlipidemic effects of fullerene nanoparticles via adjusting the gut microbiota in vivo. <i>Particle and Fibre Toxicology</i> , 2018, 15, 5.   | 2.8 | 43        |
| 18 | Varioxiranols G and 19-O-Methyl-22-methoxy-pre-shamixanthone, PKS and Hybrid PKS-Derived Metabolites from a Sponge-Associated <i>Emericella varicolor</i> Fungus. <i>Journal of Natural Products</i> , 2015, 78, 2461-2470.                   | 1.5 | 42        |

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|----|---|-----|-----------|
| 19 | Agarwood Essential Oil Ameliorates Restrain Stress-Induced Anxiety and Depression by Inhibiting HPA Axis Hyperactivity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3468.  | 1.8 | 42        |
| 20 | Combination of HPLC chromatogram and hypoglycemic effect identifies isoflavones as the principal active fraction of <i>Belamcanda chinensis</i> leaf extract in diabetes treatment. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 371-378. | 1.2 | 39        |
| 21 | Cordycepin promotes browning of white adipose tissue through an AMP-activated protein kinase (AMPK)-dependent pathway. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 135-143.   | 5.7 | 39        |
| 22 | Gut microbiota specifically mediates the anti-hypercholesterolemic effect of berberine (BBR) and facilitates to predict BBR's cholesterol-decreasing efficacy in patients. <i>Journal of Advanced Research</i> , 2022, 37, 197-208.   | 4.4 | 37        |
| 23 | The Gut Microbiota-Produced Indole-3-Propionic Acid Confers the Antihyperlipidemic Effect of Mulberry-Derived 1-Deoxynojirimycin. <i>MSystems</i> , 2020, 5, .  | 1.7 | 36        |
| 24 | Asperlin Inhibits LPS-Evoked Foam Cell Formation and Prevents Atherosclerosis in ApoE <sup>-/-</sup> Mice. <i>Marine Drugs</i> , 2017, 15, 358.   | 2.2 | 35        |
| 25 | Modulation of Lipogenesis and Glucose Consumption in HepG2 Cells and C2C12 Myotubes by Sophoricoside. <i>Molecules</i> , 2013, 18, 15624-15635.   | 1.7 | 32        |
| 26 | HRS1 Acts as a Negative Regulator of Abscisic Acid Signaling to Promote Timely Germination of Arabidopsis Seeds. <i>PLoS ONE</i> , 2012, 7, e35764.   | 1.1 | 30        |
| 27 | Spiromastixones Inhibit Foam Cell Formation via Regulation of Cholesterol Efflux and Uptake in RAW264.7 Macrophages. <i>Marine Drugs</i> , 2015, 13, 6352-6365.   | 2.2 | 30        |
| 28 | Berberine, a potential prebiotic to indirectly promote <i>Akkermansia</i> growth through stimulating gut mucin secretion. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111595.   | 2.5 | 30        |
| 29 | The pandanus tectorius fruit extract (PTF) modulates the gut microbiota and exerts anti-hyperlipidaemic effects. <i>Phytomedicine</i> , 2019, 58, 152863.   | 2.3 | 29        |
| 30 | Agarwood Essential Oil Displays Sedative-Hypnotic Effects through the GABAergic System. <i>Molecules</i> , 2017, 22, 2190.  | 1.7 | 28        |
| 31 | Traditional Chinese medicines differentially modulate the gut microbiota based on their nature (Yao-Xing). <i>Phytomedicine</i> , 2021, 85, 153496.   | 2.3 | 28        |
| 32 | Penipyridones A-F, Pyridone Alkaloids from <i>Penicillium funiculosum</i> . <i>Journal of Natural Products</i> , 2016, 79, 1783-1790.   | 1.5 | 26        |
| 33 | Four-week administration of nicotinemoderately impacts blood metabolic profile and gut microbiota in a diet-dependent manner. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108945.   | 2.5 | 26        |
| 34 | Whole-genome sequence of <i>Phellinus gilvus</i> (mulberry Sanghuang) reveals its unique medicinal values. <i>Journal of Advanced Research</i> , 2020, 24, 325-335.   | 4.4 | 24        |
| 35 | Sesamin Enhances Cholesterol Efflux in RAW264.7 Macrophages. <i>Molecules</i> , 2014, 19, 7516-7527.  | 1.7 | 23        |
| 36 | Cordycepin stimulates autophagy in macrophages and prevents atherosclerotic plaque formation in ApoE <sup>-/-</sup> mice. <i>Oncotarget</i> , 2017, 8, 94726-94737.   | 0.8 | 23        |

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|----|---|-----|-----------|
| 37 | The aqueous extract of <i>Phellinus igniarius</i> (SH) ameliorates dextran sodium sulfate-induced colitis in C57BL/6 mice. <i>PLoS ONE</i> , 2018, 13, e0205007.  | 1.1 | 23        |
| 38 | Versicotides Dâ€“F, new cyclopeptides with lipid-lowering activities. <i>RSC Advances</i> , 2017, 7, 49235-49243.   | 1.7 | 22        |
| 39 | The adenosine derivative 2â€²,3â€²,5â€²-tri-O-acetyl-N6-(3-hydroxylaniline) adenosine activates AMPK and regulates lipid metabolism in vitro and in vivo. <i>Life Sciences</i> , 2012, 90, 1-7.   | 2.0 | 21        |
| 40 | Lipid-lowering polyketides from a soft coral-derived fungus <i>Cladosporium</i> sp. TZP29. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3606-3609.   | 1.0 | 21        |
| 41 | Extracts and lignans of <i>Schisandra chinensis</i> fruit alter lipid and glucose metabolism in vivo and in vitro. <i>Journal of Functional Foods</i> , 2015, 19, 296-307.  | 1.6 | 20        |
| 42 | The gut microbiota confers the lipid-lowering effect of bitter melon ( <i>Momordica charantia</i> L.) In high-fat diet (HFD)-induced hyperlipidemic mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110667.                   | 2.5 | 20        |
| 43 | Characterization of Shallow Whole-Metagenome Shotgun Sequencing as a High-Accuracy and Low-Cost Method by Complicated Mock Microbiomes. <i>Frontiers in Microbiology</i> , 2021, 12, 678319.  | 1.5 | 20        |
| 44 | Tadehaginosides Aâ€“J, Phenylpropanoid Glucosides from <i>Tadehagi triquetrum</i> , Enhance Glucose Uptake via the Upregulation of PPAR $\beta$ and GLUT-4 in C2C12 Myotubes. <i>Journal of Natural Products</i> , 2016, 79, 1249-1258. | 1.5 | 19        |
| 45 | Lipid- and gut microbiota-modulating effects of graphene oxide nanoparticles in high-fat diet-induced hyperlipidemic mice. <i>RSC Advances</i> , 2018, 8, 31366-31371.  | 1.7 | 19        |
| 46 | Lipid-lowering effects of farnesylquinone and related analogues from the marine-derived <i>Streptomyces nitrosporeus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5288-5293.                                     | 1.0 | 18        |
| 47 | Phenolic metabolites from mangrove-associated <i>Penicillium pinophilum</i> fungus with lipid-lowering effects. <i>RSC Advances</i> , 2016, 6, 21969-21978.   | 1.7 | 16        |
| 48 | The mulberry-derived 1-deoxynojirimycin (DNJ) inhibits high-fat diet (HFD)-induced hypercholesteremia and modulates the gut microbiota in a gender-specific manner. <i>Journal of Functional Foods</i> , 2019, 52, 63-72.               | 1.6 | 16        |
| 49 | Targeting gut microbial bile salt hydrolase (BSH) by diet supplements: new insights into dietary modulation of human health. <i>Food and Function</i> , 2022, 13, 7409-7422.  | 2.1 | 16        |
| 50 | Syringaresinol-4-O- $\beta$ -D-glucoside alters lipid and glucose metabolism in HepG2 cells and C2C12 myotubes. <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 453-460.  | 5.7 | 13        |
| 51 | Deep insights into the gut microbial community of extreme longevity in south Chinese centenarians by ultra-deep metagenomics and large-scale culturomics. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 28.                            | 2.9 | 12        |
| 52 | Asperlin Stimulates Energy Expenditure and Modulates Gut Microbiota in HFD-Fed Mice. <i>Marine Drugs</i> , 2019, 17, 38.  | 2.2 | 11        |
| 53 | Tadehaginoside modulates lipogenesis and glucose consumption in HepG2 cells. <i>Natural Product Research</i> , 2015, 29, 2287-2290.   | 1.0 | 10        |
| 54 | Phenylpropanoid glucosides from <i>Tadehagi triquetrum</i> inhibit oxLDL-evoked foam cell formation through modulating cholesterol homeostasis in RAW264.7 macrophages. <i>Natural Product Research</i> , 2019, 33, 893-896.            | 1.0 | 8         |

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|----|--|-----|-----------|
| 55 | The caffeic acid moiety plays an essential role in attenuating lipid accumulation by chlorogenic acid and its analogues. <i>RSC Advances</i> , 2019, 9, 12247-12254.   | 1.7 | 7         |
| 56 | Standards for Collection, Preservation, and Transportation of Fecal Samples in TCM Clinical Trials. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 783682.  | 1.8 | 7         |
| 57 | Chemical Constituents with Antihyperlipidemic Activities from <i>Desmodium triquetrum</i> . <i>Chinese Herbal Medicines</i> , 2014, 6, 324-327.  | 1.2 | 5         |
| 58 | Synthesis and In Vitro Evaluation of Caffeoylquinic Acid Derivatives as Potential Hypolipidemic Agents. <i>Molecules</i> , 2019, 24, 964.  | 1.7 | 5         |
| 59 | Orally administered Bi <sub>2</sub> S <sub>3</sub> @SiO <sub>2</sub> core-shell nanomaterials as gastrointestinal contrast agents and their influence on gut microbiota. <i>Materials Today Bio</i> , 2022, 13, 100178.                      | 2.6 | 5         |
| 60 | Equisetin is an anti-obesity candidate through targeting 11 $\beta$ -HSD1. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2358-2373.   | 5.7 | 5         |
| 61 | Butylene fipronil induces apoptosis in PC12 murine nervous cells via activation of p16 $\alpha$ -CDK4/6 $\alpha$ -cyclin D1 and mitochondrial apoptotic pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22264.  | 1.4 | 4         |
| 62 | 1-Deoxynojirimycin (DNJ) Exerts Female-Preferred Anti-Hyperlipidemic Effect &via&gt;&gt; Gender-Specifically Modulation of the Gut Microbiota and Promoted Indole-3-Propionic Acid (IPA) Production. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0         |