

# Zhengzhi Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

520  
citations

687363

13  
h-index

713466

21  
g-index

36  
all docs

36  
docs citations

36  
times ranked

827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Virtual Training System for Master-Slave Hip Replacement Surgery. , 2021, , .		1
2	Anti-Alzheimerâ€™s disease performance of triptolide nanoliposomes modified with lactoferrin. Materials Express, 2021, 11, 1116-1121.	0.5	0
3	INERTIAL SENSOR-BASED MOTION ANALYSIS SYSTEM OF BRIDGE-STYLE MOVEMENT FOR REHABILITATION TREATMENTS. Journal of Mechanics in Medicine and Biology, 2021, 21, .	0.7	0
4	Amelioration of AOM/DSS-Induced Murine Colitis-Associated Cancer by Evodiamine Intervention is Primarily Associated with Gut Microbiota-Metabolism-Inflammatory Signaling Axis. Frontiers in Pharmacology, 2021, 12, 797605.	3.5	19
5	Design, synthesis and evaluation of a baicalin and berberine hybrid compound as therapeutic agent for ulcerative colitis. Bioorganic and Medicinal Chemistry, 2020, 28, 115697.	3.0	9
6	CT1-3, a novel magnolol-sulforaphane hybrid suppresses tumorigenesis through inducing mitochondria-mediated apoptosis and inhibiting epithelial mesenchymal transition. European Journal of Medicinal Chemistry, 2020, 199, 112441.	5.5	13
7	Cuâ€“NiS<sub>2</sub> nanomaterials for MRI guided phototherapy of gastric carcinoma <i>via</i> triggering mitochondria-mediated apoptosis and MLKL/CAPG-mediated necroptosis. Nanotoxicology, 2020, 14, 774-787.	3.0	23
8	A novel metformin derivative showed improvement of lipid metabolism in obese rats with type 2 diabetes. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 1382-1392.	1.9	10
9	Berberine chloride suppresses non-small cell lung cancer by deregulating Sin3A/TOP2B pathway in vitro and in vivo. Cancer Chemotherapy and Pharmacology, 2020, 86, 151-161.	2.3	25
10	Total synthesis of tubulysin U and N14-desacetoxytubulysin H. Organic and Biomolecular Chemistry, 2020, 18, 5349-5353.	2.8	5
11	Huang-Qi San improves glucose and lipid metabolism and exerts protective effects against hepatic steatosis in high fat diet-fed rats. Biomedicine and Pharmacotherapy, 2020, 126, 109734.	5.6	21
12	A novel micro-injection droplet microfluidic system for studying locomotive behavior responses to Cu <sup>2+</sup> induced neurotoxin in individual C.elegans. Analytica Chimica Acta, 2020, 1106, 61-70.	5.4	6
13	Application of a Pseudotargeted MS Method for the Quantification of Glycated Hemoglobin for the Improved Diagnosis of Diabetes Mellitus. Analytical Chemistry, 2020, 92, 3237-3245.	6.5	8
14	CT2-3, a novel magnolol analogue suppresses NSCLC cells through triggering cell cycle arrest and apoptosis. Bioorganic and Medicinal Chemistry, 2020, 28, 115352.	3.0	6
15	Artemether Attenuates the Progression of Non-small Cell Lung Cancer by Inducing Apoptosis, Cell Cycle Arrest and Promoting Cellular Senescence. Biological and Pharmaceutical Bulletin, 2019, 42, 1720-1725.	1.4	22
16	A combined molecular biology and network pharmacology approach to investigate the multi-target mechanisms of Chaihu Shugan San on Alzheimerâ€™s disease. Biomedicine and Pharmacotherapy, 2019, 120, 109370.	5.6	57
17	A liver-chip-based alcoholic liver disease model featuring multi-non-parenchymal cells. Biomedical Microdevices, 2019, 21, 57.	2.8	42
18	Exonuclease III-assisted strand displacement reaction-driven cyclic generation of G-quadruplex strategy for homogeneous fluorescent detection of melamine. Talanta, 2019, 203, 255-260.	5.5	16

#	ARTICLE	IF	CITATIONS
19	A novel berberine-metformin hybrid compound exerts therapeutic effects on obese type 2 diabetic rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 533-544.	1.9	5
20	A general strategy for label-free homogeneous bioassays based on selective recognition and silver ion-mediated conformational switch. <i>Talanta</i> , 2019, 201, 9-15.	5.5	12
21	A cell lines derived microfluidic liver model for investigation of hepatotoxicity induced by drug-drug interaction. <i>Biomicrofluidics</i> , 2019, 13, 024101.	2.4	52
22	Autophagy in Alzheimer's disease and promising modulatory effects of herbal medicine. <i>Experimental Gerontology</i> , 2019, 119, 100-110.	2.8	41
23	A Network Pharmacology Approach to Reveal the Underlying Mechanisms of <i>Paeonia lactiflora</i> Pall. On the Treatment of Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	1.2	23
24	Highly stereoselective gram scale synthesis of all the four diastereoisomers of Boc-protected 4-methylproline carboxylates. <i>RSC Advances</i> , 2019, 9, 32017-32020.	3.6	7
25	Morphology, structure and in vitro digestibility of starches isolated from <i>Ipomoea batatas</i> (L.) Lam. by alkali and ethanol methods. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 1147-1155.	7.5	13
26	Development and Validation of a Rapid and Specific UHPLC-MS/MS Method for Simultaneous Determination of 21 Bioactive Components in Tiantai No. 1 Pill and Rat Plasma. <i>Chromatographia</i> , 2018, 81, 447-456.	1.3	4
27	Development of a New Robotic Ankle Rehabilitation Platform for Hemiplegic Patients after Stroke. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-12.	1.9	14
28	Design, synthesis, and evaluation of bitopic arylpiperazine-phthalimides as selective dopamine D3 receptor agonists. <i>MedChemComm</i> , 2018, 9, 1457-1465.	3.4	9
29	Total synthesis and biological evaluation of Wewakazole. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 890-894.	2.6	7
30	Inertial Sensor-Based Motion Analysis of Lower Limbs for Rehabilitation Treatments. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-11.	1.9	16
31	The Efficacy and Safety of the Combination of Total Glucosides of Peony and Leflunomide for the Treatment of Rheumatoid Arthritis: A Systemic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8.	1.2	10
32	Total synthesis of wewakazole B. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9712-9715.	2.8	13
33	Anchanling reduces pathology in a lactacystin-induced Parkinson's disease model. <i>Neural Regeneration Research</i> , 2012, 7, 165-70.	3.0	5
34	Analysis of hippocampal gene expression profile of Alzheimer's disease model rats using genome chip bioinformatics. <i>Neural Regeneration Research</i> , 2012, 7, 332-40.	3.0	5