

Wei Zhang

List of Publications by Year in descending order

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papers

1,129
citations

687363

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citing authors

#	ARTICLE	IF	CITATIONS
1	$\text{I}^{2\text{-Catalyzed}}$ Carbonylation of α -Methylene Ketones to Synthesize 1,2-Diaryl Diketones and Antiviral Quinoxalines in One Pot. ACS Omega, 2022, 7, 1380-1394.	3.5	7
2	2D NMR -based MatchNat Dereplication Strategy Enables Explosive Discovery of Novel Diterpenoid Alkaloids. Chinese Journal of Chemistry, 2022, 40, 2169-2178.	4.9	4
3	Efficacy and safety of Lianhuaqingwen capsules, a repurposed Chinese herb, in patients with coronavirus disease 2019: A multicenter, prospective, randomized controlled trial. Phytomedicine, 2021, 85, 153242.	5.3	335
4	Profiling Ribonucleotide and Deoxyribonucleotide Pools Perturbed by Remdesivir in Human Bronchial Epithelial Cells. Frontiers in Pharmacology, 2021, 12, 647280.	3.5	2
5	Overview of piperlongumine analogues and their therapeutic potential. European Journal of Medicinal Chemistry, 2021, 220, 113471.	5.5	27
6	Antitumor Mechanism of Hydroxycamptothecin via the Metabolic Perturbation of Ribonucleotide and Deoxyribonucleotide in Human Colorectal Carcinoma Cells. Molecules, 2021, 26, 4902.	3.8	0
7	Investigating the medicinal potential, material basis and mechanism of Polygoni Orientalis Fructus based on multi-technology integrated network pharmacology. Phytomedicine, 2021, 91, 153685.	5.3	6
8	Network Pharmacology Exploration Reveals Anti-Apoptosis as a Common Therapeutic Mechanism for Non-Alcoholic Fatty Liver Disease Treated with Blueberry Leaf Polyphenols. Nutrients, 2021, 13, 4060.	4.1	7
9	Validated Quantitative $^1\text{H NMR}$ Method for Simultaneous Quantification of Indole Alkaloids in <i>Uncaria rhynchophylla</i> . ACS Omega, 2021, 6, 31810-31817.	3.5	8
10	Piperlonguminine and Piperine Analogues as TrxR Inhibitors that Promote ROS and Autophagy and Regulate p38 and Akt/mTOR Signaling. Journal of Natural Products, 2020, 83, 3041-3049.	3.0	23
11	Similarity and Specificity of Traditional Chinese Medicine Formulas for Management of Coronavirus Disease 2019 and Rheumatoid Arthritis. ACS Omega, 2020, 5, 30519-30530.	3.5	5
12	Immobilization of cell membrane onto a glucose-Zn-based porous coordination polymer and its application to rapid screening of potentially active compounds from Vaccinium corymbosum L. leaves. Mikrochimica Acta, 2020, 187, 630.	5.0	5
13	Protective Effect of Thymidine on DNA Damage Induced by Hydrogen Peroxide in Human Hepatocellular Cancer Cells. ACS Omega, 2020, 5, 21796-21804.	3.5	2
14	Rapid and sensitive determination of four bisphosphonates in rat plasma after MTBSTFA derivatization using liquid chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113579.	2.8	7
15	Phytotherapy using blueberry leaf polyphenols to alleviate non-alcoholic fatty liver disease through improving mitochondrial function and oxidative defense. Phytomedicine, 2020, 69, 153209.	5.3	33
16	Network Pharmacology and Bioactive Equivalence Assessment Integrated Strategy Driven Q-markers Discovery for Da-Cheng-Qi Decoction to Attenuate Intestinal Obstruction. Phytomedicine, 2020, 72, 153236.	5.3	14
17	A Trimodal Porous Cobalt-Based Electrocatalyst for Enhanced Oxygen Evolution. Advanced Materials Interfaces, 2019, 6, 1900381.	3.7	10
18	A Novel Drug Resistance Mechanism: Genetic Loss of Xeroderma Pigmentosum Complementation Group C (XPC) Enhances Glycolysis-Mediated Drug Resistance in DLD-1 Colon Cancer Cells. Frontiers in Pharmacology, 2019, 10, 912.	3.5	7

#	ARTICLE	IF	CITATIONS
19	Mitochondria-Mediated Pathogenesis and Therapeutics for Non-Alcoholic Fatty Liver Disease. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900043.	3.3	37
20	Next-Generation Multifunctional Carbon-Metal Nanohybrids for Energy and Environmental Applications. <i>Environmental Science & Technology</i> , 2019, 53, 7265-7287.	10.0	109
21	Method for Quantification of Ribonucleotides and Deoxyribonucleotides in Human Cells Using (Trimethylsilyl)diazomethane Derivatization Followed by Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 1019-1026.	6.5	25
22	Astragaloside IV modulates TGF- β 1-dependent epithelial-mesenchymal transition in bleomycin-induced pulmonary fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4354-4365.	3.6	109
23	Systems Pharmacology Based Strategy for Q-Markers Discovery of HuangQin Decoction to Attenuate Intestinal Damage. <i>Frontiers in Pharmacology</i> , 2018, 9, 236.	3.5	17
24	Exploring the Antitumor Mechanism of High-Dose Cytarabine through the Metabolic Perturbations of Ribonucleotide and Deoxyribonucleotide in Human Promyelocytic Leukemia HL-60 Cells. <i>Molecules</i> , 2017, 22, 499.	3.8	20
25	Profiling of ribonucleotides and deoxyribonucleotides pools in response to DNA damage and repair induced by methyl methanesulfonate in cancer and normal cells. <i>Oncotarget</i> , 2017, 8, 101707-101719.	1.8	4
26	Profiling ribonucleotide and deoxyribonucleotide pools perturbed by gemcitabine in human non-small cell lung cancer cells. <i>Scientific Reports</i> , 2016, 6, 37250.	3.3	10
27	Porous Nickel-Iron Oxide as a Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Advanced Science</i> , 2015, 2, 1500199.	11.2	241
28	Analysis of deoxyribonucleotide pools in human cancer cell lines using a liquid chromatography coupled with tandem mass spectrometry technique. <i>Biochemical Pharmacology</i> , 2011, 82, 411-417.	4.4	40
29	Hydrogen Production from Urea Sewage on NiFe-Based Porous Electrocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	6.7	15