

Zhibin Liang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

623
citations

623574

14
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610775

24
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32
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docs citations

32
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular amyloid toxicity induces oxytosis/ferroptosis regulated cell death. <i>Cell Death and Disease</i> , 2020, 11, 828.	2.7	59
2	Old age-associated phenotypic screening for Alzheimer's disease drug candidates identifies sterubin as a potent neuroprotective compound from Yerba santa. <i>Redox Biology</i> , 2019, 21, 101089.	3.9	51
3	<i>C</i>-Glycosylflavones Alleviate Tau Phosphorylation and Amyloid Neurotoxicity through GSK3 β Inhibition. <i>ACS Chemical Neuroscience</i> , 2016, 7, 912-923.	1.7	50
4	Efficacy of Cannabinoids in a Pre-Clinical Drug-Screening Platform for Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 7719-7730.	1.9	46
5	π-Cation Interactions in Molecular Recognition: Perspectives on Pharmaceuticals and Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3315-3323.	2.4	45
6	Biodegradation of pyraclostrobin by two microbial communities from Hawaiian soils and metabolic mechanism. <i>Journal of Hazardous Materials</i> , 2018, 354, 225-230.	6.5	38
7	Discovery of Selective, Substrate-Competitive, and Passive Membrane Permeable Glycogen Synthase Kinase-3 β Inhibitors: Synthesis, Biological Evaluation, and Molecular Modeling of New <i>C</i>-Glycosylflavones. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1166-1183.	1.7	32
8	Natural products targeting mitochondria: emerging therapeutics for age-associated neurological disorders. , 2021, 221, 107749.		29
9	Coordinated protein co-expression in plants by harnessing the synergy between an intein and a viral 2A peptide. <i>Plant Biotechnology Journal</i> , 2017, 15, 718-728.	4.1	28
10	Isoorientin, a GSK-3 β inhibitor, rescues synaptic dysfunction, spatial memory deficits and attenuates pathological progression in APP/PS1 model mice. <i>Behavioural Brain Research</i> , 2021, 398, 112968.	1.2	27
11	1-Trifluoromethoxyphenyl-3-(1-propionylpiperidin-4-yl) Urea, a Selective and Potent Dual Inhibitor of Soluble Epoxide Hydrolase and p38 Kinase Intervenes in Alzheimer's Signaling in Human Nerve Cells. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4018-4030.	1.7	23
12	New Methods to Explore Marine Resources for Alzheimers Therapeutics. <i>Current Alzheimer Research</i> , 2010, 7, 210-213.	0.7	22
13	Neopetrocyclamines A and B, Polycyclic Diamine Alkaloids from the Sponge <i>Neopetrosia</i> cf <i>exigua</i>. <i>Journal of Natural Products</i> , 2015, 78, 543-547.	1.5	22
14	Phyllostachys edulis Compounds Inhibit Palmitic Acid-Induced Monocyte Chemoattractant Protein 1 (MCP-1) Production. <i>PLoS ONE</i> , 2012, 7, e45082.	1.1	19
15	A Dual-Intein Autoprocessing Domain that Directs Synchronized Protein Co-Expression in Both Prokaryotes and Eukaryotes. <i>Scientific Reports</i> , 2015, 5, 8541.	1.6	18
16	Stictamides A-C, MMP12 Inhibitors Containing 4-Amino-3-hydroxy-5-phenylpentanoic Acid Subunits. <i>Journal of Organic Chemistry</i> , 2011, 76, 3635-3643.	1.7	15
17	Distribution of Four Bioactive Flavonoids in Maize Tissues of Five Varieties and Correlation with Expression of the Biosynthetic Genes. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10431-10437.	2.4	15
18	Cannabinol inhibits oxytosis/ferroptosis by directly targeting mitochondria independently of cannabinoid receptors. <i>Free Radical Biology and Medicine</i> , 2022, 180, 33-51.	1.3	14

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19	The Value of Herbarium Collections to the Discovery of Novel Treatments for Alzheimer's Disease, a Case Made With the Genus Eriodictyon. <i>Frontiers in Pharmacology</i> , 2020, 11, 208.	1.6	13
20	Cytotoxic Effects of 24-Methylenecycloartanyl Ferulate on A549 Nonsmall Cell Lung Cancer Cells through MYBBP1A Up-Regulation and AKT and Aurora B Kinase Inhibition. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3726-3733.	2.4	12
21	Dihydromyricetin Imbues Antiadipogenic Effects on 3T3-L1 Cells via Direct Interactions with 78-kDa Glucose-Regulated Protein. <i>Journal of Nutrition</i> , 2021, 151, 1717-1725.	1.3	11
22	Profiling the chemical nature of anti-oxytotic/ferroptotic compounds with phenotypic screening. <i>Free Radical Biology and Medicine</i> , 2021, 177, 313-325.	1.3	10
23	The Alzheimer's disease drug candidate J147 decreases blood plasma fatty acid levels via modulation of AMPK/ACC1 signaling in the liver. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112648.	2.5	8
24	The search for anti-oxytotic/ferroptotic compounds in the plant world. <i>British Journal of Pharmacology</i> , 2021, 178, 3611-3626.	2.7	7
25	The Role of AMP-activated Protein Kinase in Oxytosis/Ferroptosis: Protector or Potentiator?. <i>Antioxidants and Redox Signaling</i> , 2022, , .	2.5	4
26	A Dual-Inhibitor of Soluble Epoxide Hydrolase and p38 Kinase Alleviating Tau Hyperphosphorylation and Amyloid Neurotoxicity for Potential Treatment of Neuroinflammation in Alzheimer's Disease. <i>FASEB Journal</i> , 2018, 32, .	0.2	3
27	P1-079: HARNESSING THE Î€-CATALYTIC INTERACTION IN RATIONAL DRUG DESIGN: DISCOVERY OF POTENT AND ISOFORM-SPECIFIC GSK-3Î² INHIBITORS FOR ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P301.04	0.4	1
28	Dually targeting human soluble epoxide hydrolase and P38 kinase to prevent neuroinflammation for the treatment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e047097.	0.4	0
29	Stictamides - Isolation, synthesis, and biological evaluation of cell invasion inhibitors. <i>Planta Medica</i> , 2012, 78, .	0.7	0