

# Libo Zou

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

474  
citations

567281

15  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Xanthoceraside attenuates learning and memory deficits via improving insulin signaling in STZ-induced AD rats. <i>Neuroscience Letters</i> , 2013, 543, 115-120.	2.1	59
2	Xanthoceras sorbifolia extracts ameliorate dendritic spine deficiency and cognitive decline via upregulation of BDNF expression in a rat model of Alzheimer's disease. <i>Neuroscience Letters</i> , 2016, 629, 208-214.	2.1	40
3	Protective Effects of Sulphonated Formononetin in a Rat Model of Cerebral Ischemia and Reperfusion Injury. <i>Planta Medica</i> , 2014, 80, 262-268.	1.3	35
4	Time-course investigation of blood-brain barrier permeability and tight junction protein changes in a rat model of permanent focal ischemia. <i>Journal of Physiological Sciences</i> , 2018, 68, 121-127.	2.1	31
5	Computational discovery and experimental verification of tyrosine kinase inhibitor pazopanib for the reversal of memory and cognitive deficits in rat model neurodegeneration. <i>Chemical Science</i> , 2015, 6, 2812-2821.	7.4	27
6	Sigma-1 receptor protects against endoplasmic reticulum stress-mediated apoptosis in mice with cerebral ischemia/reperfusion injury. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 157-167.	4.9	27
7	Interaction between hyperphosphorylated tau and pyroptosis in forskolin and streptozotocin induced AD models. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109618.	5.6	27
8	Tolfenamic acid inhibits GSK-3 $\beta$ and PP2A mediated tau hyperphosphorylation in Alzheimer's disease models. <i>Journal of Physiological Sciences</i> , 2020, 70, 29.	2.1	25
9	OAB-14, a bexarotene derivative, improves Alzheimer's disease-related pathologies and cognitive impairments by increasing $\beta$ -amyloid clearance in APP/PS1 mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 161-180.	3.8	24
10	Microglia-Based Phenotypic Screening Identifies a Novel Inhibitor of Neuroinflammation Effective in Alzheimer's Disease Models. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1499-1507.	3.5	22
11	Identification of Aminopyridazine-Derived Antineuroinflammatory Agents Effective in an Alzheimer's Mouse Model. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 903-907.	2.8	19
12	Xanthoceraside prevented synaptic loss and reversed learning-memory deficits in APP/PS1 transgenic mice. <i>Journal of Physiological Sciences</i> , 2019, 69, 477-488.	2.1	19
13	Xanthoceraside modulates NR2B-containing NMDA receptors at synapses and rescues learning-memory deficits in APP/PS1 transgenic mice. <i>Psychopharmacology</i> , 2018, 235, 337-349.	3.1	18
14	Xanthoceraside modulates neurogenesis to ameliorate cognitive impairment in APP/PS1 transgenic mice. <i>Journal of Physiological Sciences</i> , 2018, 68, 555-565.	2.1	18
15	Sigma-1 receptor activation alleviates blood-brain barrier dysfunction in vascular dementia mice. <i>Experimental Neurology</i> , 2018, 308, 90-99.	4.1	18
16	WJ-39, an Aldose Reductase Inhibitor, Ameliorates Renal Lesions in Diabetic Nephropathy by Activating Nrf2 Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-21.	4.0	17
17	Prevention of Huntington's Disease-Like Behavioral Deficits in R6/1 Mouse by Tolfenamic Acid Is Associated with Decreases in Mutant Huntingtin and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	16
18	Sigma-1 receptor activation alleviates blood-brain barrier disruption post cerebral ischemia stroke by stimulating the GDNF-GFR $\alpha$ 1-RET pathway. <i>Experimental Neurology</i> , 2022, 347, 113867.	4.1	9

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19	Tolfenamic Acid Attenuates 3-Nitropropionic Acid-Induced Biochemical Alteration in Mice. <i>Neurochemical Research</i> , 2018, 43, 1938-1946.	3.3	6
20	Protein kinase C is involved in the neuroprotective effect of berberine against intrastratial injection of quinolinic acid-induced biochemical alteration in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6343-6354.	3.6	6
21	In vivo evaluation and atom-based 3D-QSAR studies on saponins from shells of <i>Xanthoceras sorbifolium</i> Bunge as anti-AD agents. <i>Bioorganic Chemistry</i> , 2020, 94, 103412.	4.1	5
22	OAB-14 Effectively Ameliorates the Dysfunction of the Endosomal-Autophagic-Lysosomal Pathway in APP/PS1 Transgenic Mice. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3985-3993.	3.5	3
23	PINK1 regulates mitochondrial fission/fusion and neuroinflammation in $\beta$ -amyloid-induced Alzheimer's disease models. <i>Neurochemistry International</i> , 2022, 154, 105298.	3.8	3
24	Protective effects of Cerebralcare Granule $\hat{A}$ ® against the learning and memory impairment in a mouse model of Alzheimer's disease. <i>FASEB Journal</i> , 2019, 33, 806.2.	0.5	0
25	Tolfenamic acid inhibits ROS-generating oxidase Nox1-regulated p53 activity in intrastratial injection of malonic acid rats. <i>Journal of Physiological Sciences</i> , 2022, 72, .	2.1	0