

Lin Zhu

List of Publications by Year in descending order

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46
papers

1,270
citations

430442

18
h-index

377514

34
g-index

48
all docs

48
docs citations

48
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	Soluble TREM2 ameliorates pathological phenotypes by modulating microglial functions in an Alzheimer's disease model. <i>Nature Communications</i> , 2019, 10, 1365.	5.8	217
2	Melatonin stimulates antioxidant enzymes and reduces oxidative stress in experimental traumatic brain injury: the Nrf2-ARE signaling pathway as a potential mechanism. <i>Free Radical Biology and Medicine</i> , 2014, 73, 1-11.	1.3	187
3	Melatonin reduced microglial activation and alleviated neuroinflammation induced neuron degeneration in experimental traumatic brain injury: Possible involvement of mTOR pathway. <i>Neurochemistry International</i> , 2014, 76, 23-31.	1.9	90
4	Alternative Dose Allocation Strategies to Increase Benefits From Constrained COVID-19 Vaccine Supply. <i>Annals of Internal Medicine</i> , 2021, 174, 570-572.	2.0	71
5	Ursolic Acid Ameliorates Early Brain Injury After Experimental Traumatic Brain Injury in Mice by Activating the Nrf2 Pathway. <i>Neurochemical Research</i> , 2017, 42, 337-346.	1.6	56
6	Rapamycin protects against apoptotic neuronal death and improves neurologic function after traumatic brain injury in mice via modulation of the mTOR-p53-Bax axis. <i>Journal of Surgical Research</i> , 2015, 194, 239-247.	0.8	52
7	The long persistence of pyrrolizidine alkaloid-derived DNA adducts in vivo: kinetic study following single and multiple exposures in male ICR mice. <i>Archives of Toxicology</i> , 2017, 91, 949-965.	1.9	43
8	Tu-San-Qi (<i>Gynura japonica</i>): the culprit behind pyrrolizidine alkaloid-induced liver injury in China. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1212-1222.	2.8	40
9	The deubiquitinase USP6 affects memory and synaptic plasticity through modulating NMDA receptor stability. <i>PLoS Biology</i> , 2019, 17, e3000525.	2.6	38
10	Trisomy 21-induced dysregulation of microglial homeostasis in Alzheimer's brains is mediated by USP25. <i>Science Advances</i> , 2021, 7, .	4.7	38
11	Metabolism-mediated cytotoxicity and genotoxicity of pyrrolizidine alkaloids. <i>Archives of Toxicology</i> , 2021, 95, 1917-1942.	1.9	33
12	Is outdoor vector control needed for malaria elimination? An individual-based modelling study. <i>Malaria Journal</i> , 2017, 16, 266.	0.8	32
13	A novel ultra-performance liquid chromatography hyphenated with quadrupole time of flight mass spectrometry method for rapid estimation of total toxic retronecine-type of pyrrolizidine alkaloids in herbs without requiring corresponding standards. <i>Food Chemistry</i> , 2016, 194, 1320-1328.	4.2	28
14	Nrf2-ARE signaling provides neuroprotection in traumatic brain injury via modulation of the ubiquitin proteasome system. <i>Neurochemistry International</i> , 2017, 111, 32-44.	1.9	28
15	COVID-19 pandemic in BRICS countries and its association with socio-economic and demographic characteristics, health vulnerability, resources, and policy response. <i>Infectious Diseases of Poverty</i> , 2021, 10, 97.	1.5	28
16	Mutational Signature Analysis Reveals Widespread Contribution of Pyrrolizidine Alkaloid Exposure to Human Liver Cancer. <i>Hepatology</i> , 2021, 74, 264-280.	3.6	27
17	Comprehensive investigation and risk study on pyrrolizidine alkaloid contamination in Chinese retail honey. <i>Environmental Pollution</i> , 2020, 267, 115542.	3.7	25
18	Clinical application of pyrrole-hemoglobin adducts as a biomarker of pyrrolizidine alkaloid exposure in humans. <i>Archives of Toxicology</i> , 2021, 95, 759-765.	1.9	22

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19	Zinc neurotoxicity to hippocampal neurons in vitro induces ubiquitin conjugation that requires p38 activation. <i>Brain Research</i> , 2012, 1438, 1-7.	1.1	16
20	Modelling optimum use of attractive toxic sugar bait stations for effective malaria vector control in Africa. <i>Malaria Journal</i> , 2015, 14, 492.	0.8	16
21	Apolipoprotein E ϵ 4 Specifically Modulates the Hippocampus Functional Connectivity Network in Patients With Amnesic Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 289.	1.7	16
22	A spatial individual-based model predicting a great impact of copious sugar sources and resting sites on survival of <i>Anopheles gambiae</i> and malaria parasite transmission. <i>Malaria Journal</i> , 2015, 14, 59.	0.8	14
23	Impaired Parahippocampal Gyrusâ€“Orbitofrontal Cortex Circuit Associated with Visuospatial Memory Deficit as a Potential Biomarker and Interventional Approach for Alzheimer Disease. <i>Neuroscience Bulletin</i> , 2020, 36, 831-844.	1.5	14
24	Association between biomass fuel use and the risk of cognitive impairment among older populations in China: a population-based cohort study. <i>Environmental Health</i> , 2021, 20, 21.	1.7	14
25	Population-level Benefits of Extragenital Gonorrhea Screening Among Men Who Have Sex With Men: An Exploratory Modeling Analysis. <i>Sexually Transmitted Diseases</i> , 2020, 47, 484-490.	0.8	11
26	The Glutamatergic Postrhinal Cortexâ€“Ventrolateral Orbitofrontal Cortex Pathway Regulates Spatial Memory Retrieval. <i>Neuroscience Bulletin</i> , 2019, 35, 447-460.	1.5	10
27	Erythropoietin Inhibits the Increase of Intestinal Labile Zinc and the Expression of Inflammatory Mediators After Traumatic Brain Injury in Rats. <i>Journal of Trauma</i> , 2009, 66, 730-736.	2.3	9
28	Beneficial effects of local profound hypothermia and the possible mechanism after experimental spinal cord injury in rats. <i>Journal of Spinal Cord Medicine</i> , 2016, 39, 220-228.	0.7	9
29	Novel KCNJ10 Compound Heterozygous Mutations Causing EAST/SeSAME-Like Syndrome Compromise Potassium Channel Function. <i>Frontiers in Genetics</i> , 2019, 10, 912.	1.1	9
30	Evidence on Integrating Pharmacokinetics to Find Truly Therapeutic Agent for Alzheimerâ€™s Disease: Comparative Pharmacokinetics and Disposition Kinetics Profiles of Stereoisomers Isorhynchophylline and Rhynchophylline in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	0.5	9
31	Adduct ion-targeted qualitative and quantitative analysis of polyoxypregnanes by ultra-high pressure liquid chromatography coupled with triple quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 127-136.	1.4	7
32	Blood Pyrroleâ€“DNA Adducts Define the Early Tumorigenic Risk in Patients with Pyrrolizidine Alkaloid-Induced Liver Injury. <i>Environmental Science and Technology Letters</i> , 2021, 8, 551-557.	3.9	7
33	Metabolic reprogramming in astrocytes results in neuronal dysfunction in intellectual disability. <i>Molecular Psychiatry</i> , 2022, , .	4.1	7
34	Immersion autometallographic demonstration of pathological zinc accumulation in human acute neural diseases. <i>Neurological Sciences</i> , 2012, 33, 855-861.	0.9	6
35	Hepatitis C Management at Federally Qualified Health Centers during the Opioid Epidemic: A Cost-Effectiveness Study. <i>American Journal of Medicine</i> , 2020, 133, e641-e658.	0.6	5
36	Developing urinary pyrroleâ€“amino acid adducts as non-invasive biomarkers for identifying pyrrolizidine alkaloids-induced liver injury in human. <i>Archives of Toxicology</i> , 2021, 95, 3191-3204.	1.9	5

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37	Modeling the Cost-Effectiveness of Express Multisite Gonorrhea Screening Among Men Who Have Sex With Men in the United States. <i>Sexually Transmitted Diseases</i> , 2021, 48, 805-812.	0.8	4
38	The Protective Effects of <i>Zornia diphylla</i> (L.) Pers. Against Acute Liver Injury Induced by Carbon Tetrachloride in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 764282.	1.6	3
39	Selective corticofugal modulation on sound processing in auditory thalamus of awake marmosets. <i>Cerebral Cortex</i> , 2023, 33, 3372-3386.	1.6	3
40	Erythropoietin Inhibits the Increase of Pulmonary Labile Zinc and the Expression of Inflammatory Mediators Following Subarachnoid Hemorrhage in Rats. <i>Neurocritical Care</i> , 2016, 24, 472-480.	1.2	2
41	Combining robot-assisted surgical system and 3D visualization system for teaching minimally invasive vitreoretinal surgery. <i>International Journal of Ophthalmology</i> , 2022, 15, 255-260.	0.5	2
42	Immunohistochemical study of NF-E2-related factor 2 (Nrf2) in an end-to-end anastomosis of the rat carotid artery. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, 516-520.	0.7	1
43	Estimation and correction of bias in network simulations based on respondent-driven sampling data. <i>Scientific Reports</i> , 2020, 10, 6348.	1.6	1
44	Correlation analysis of sacrococcygeal pressure and operation time in patients undergoing general anesthesia in the supine position. <i>Journal of International Medical Research</i> , 2021, 49, 300060520984595.	0.4	1
45	Alterations of Intestinal Labile Zinc and Cytokine Production Following Subarachnoid Hemorrhage in Rats. <i>Annals of Clinical and Laboratory Science</i> , 2016, 46, 622-626.	0.2	1
46	Future study for the urinary histidine adduct derived from pyrrolizidine alkaloids is warranted. <i>Archives of Toxicology</i> , 2021, 95, 3829.	1.9	0