

# Xiao-Yuan Mao

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,831  
citations

236612

25  
h-index

301761

39  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Baicalein Exerts Neuroprotective Effects in FeCl <sub>3</sub> -Induced Posttraumatic Epileptic Seizures via Suppressing Ferroptosis. <i>Frontiers in Pharmacology</i> , 2019, 10, 638.	1.6	103
2	Ferroptosis Induction in Pentylentetrazole Kindling and Pilocarpine-Induced Epileptic Seizures in Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 721.	1.4	87
3	Emerging Roles of 5-Lipoxygenase Phosphorylation in Inflammation and Cell Death. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	1.9	86
4	Prognostic and predictive values of CDK1 and MAD2L1 in lung adenocarcinoma. <i>Oncotarget</i> , 2016, 7, 85235-85243.	0.8	83
5	Huperzine A Ameliorates Cognitive Deficits in Streptozotocin-Induced Diabetic Rats. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7667-7683.	1.8	81
6	Antioxidants Targeting Mitochondrial Oxidative Stress: Promising Neuroprotectants for Epilepsy. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	76
7	Gap junction as an intercellular glue: Emerging roles in cancer EMT and metastasis. <i>Cancer Letters</i> , 2016, 381, 133-137.	3.2	74
8	Redox-Related Neuronal Death and Crosstalk as Drug Targets: Focus on Epilepsy. <i>Frontiers in Neuroscience</i> , 2019, 13, 512.	1.4	68
9	Vascular Endothelial Growth Factor (VEGF) as a Vital Target for Brain Inflammation during the COVID-19 Outbreak. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1704-1705.	1.7	68
10	COL3A1 and SNAP91: novel glioblastoma markers with diagnostic and prognostic value. <i>Oncotarget</i> , 2016, 7, 70494-70503.	0.8	62
11	Huperzine A Alleviates Oxidative Glutamate Toxicity in Hippocampal HT22 Cells via Activating BDNF/TrkB-Dependent PI3K/Akt/mTOR Signaling Pathway. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 915-925.	1.7	60
12	The Prospective Value of Dopamine Receptors on Bio-Behavior of Tumor. <i>Journal of Cancer</i> , 2019, 10, 1622-1632.	1.2	55
13	Ferroptosis-related gene signature predicts prognosis and immunotherapy in glioma. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 973-986.	1.9	55
14	The COVID-19 Pandemic: Consideration for Brain Infection. <i>Neuroscience</i> , 2020, 437, 130-131.	1.1	53
15	Live or let die: Neuroprotective and anti-cancer effects of nutraceutical antioxidants. , 2018, 183, 137-151.		50
16	PPIC, EMP3 and CHI3L1 Are Novel Prognostic Markers for High Grade Glioma. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1808.	1.8	49
17	Genome-scale analysis identifies GJB2 and ERO1LB as prognosis markers in patients with pancreatic cancer. <i>Oncotarget</i> , 2017, 8, 21281-21289.	0.8	49
18	Topiramate protects against glutamate excitotoxicity via activating BDNF/TrkB-dependent ERK pathway in rodent hippocampal neurons. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 60, 11-17.	2.5	41

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19	Targeting gap junction in epilepsy: Perspectives and challenges. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 57-65.	2.5	37
20	Baicalin alleviates diabetes-associated cognitive deficits via modulation of mitogen-activated protein kinase signaling, brain-derived neurotrophic factor and apoptosis. <i>Molecular Medicine Reports</i> , 2015, 12, 6377-6383.	1.1	36
21	Ubiquitin-specific protease 22 acts as an oncoprotein to maintain glioma malignancy through deubiquitinating B cell-specific Moloney murine leukemia virus integration site 1 for stabilization. <i>Cancer Science</i> , 2018, 109, 2199-2210.	1.7	36
22	LncRNA FOXD1-AS1 acts as a potential oncogenic biomarker in glioma. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 66-75.	1.9	34
23	Silencing of Forkhead box D1 inhibits proliferation and migration in glioma cells. <i>Oncology Reports</i> , 2017, 37, 1196-1202.	1.2	33
24	12/15 lipoxygenase: A crucial enzyme in diverse types of cell death. <i>Neurochemistry International</i> , 2018, 118, 34-41.	1.9	33
25	Dietary nutrition for neurological disease therapy: Current status and future directions. , 2021, 226, 107861.		33
26	Neurodegeneration with brain iron accumulation: Insights into the mitochondria dysregulation. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109068.	2.5	30
27	Polymorphisms of <i>ABAT</i> , <i>SCN2A</i> and <i>ALDH5A1</i> may affect valproic acid responses in the treatment of epilepsy in Chinese. <i>Pharmacogenomics</i> , 2016, 17, 2007-2014.	0.6	29
28	Neuroprotective Effects of the Anti-cancer Drug Lapatinib Against Epileptic Seizures via Suppressing Glutathione Peroxidase 4-Dependent Ferroptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 601572.	1.6	29
29	Ferrostatin-1 obviates seizures and associated cognitive deficits in ferric chloride-induced posttraumatic epilepsy via suppressing ferroptosis. <i>Free Radical Biology and Medicine</i> , 2022, 179, 109-118.	1.3	29
30	Genetic variants of the kynurenine-3-monooxygenase and postpartum depressive symptoms after cesarean section in Chinese women. <i>Journal of Affective Disorders</i> , 2017, 215, 94-101.	2.0	24
31	Lysyl oxidases: Emerging biomarkers and therapeutic targets for various diseases. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110791.	2.5	24
32	Sodium Valproate Ameliorates Neuronal Apoptosis in a Kainic Acid Model of Epilepsy via Enhancing PKC-Dependent GABAAR $\beta$ 2 Serine 327 Phosphorylation. <i>Neurochemical Research</i> , 2018, 43, 2343-2352.	1.6	23
33	Targeting Deubiquitinating Enzymes in Glioblastoma Multiforme: Expectations and Challenges. <i>Medicinal Research Reviews</i> , 2017, 37, 627-661.	5.0	22
34	Effect of CYP2C9-VKORC1 interaction on warfarin stable dosage and its predictive algorithm. <i>Journal of Clinical Pharmacology</i> , 2015, 55, 251-257.	1.0	19
35	Brain tumor modeling using the CRISPR/Cas9 system: state of the art and view to the future. <i>Oncotarget</i> , 2016, 7, 33461-33471.	0.8	19
36	Apigenin attenuates diabetes-associated cognitive decline in rats via suppressing oxidative stress and nitric oxide synthase pathway. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 15506-13.	1.3	19

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37	A critical overview of long non-coding RNA in glioma etiology 2016: an update. <i>Tumor Biology</i> , 2016, 37, 14403-14413.	0.8	17
38	PRRT2 Mutations Are Related to Febrile Seizures in Epileptic Patients. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23408-23417.	1.8	16
39	Metformin reverses the schizophrenia-like behaviors induced by MK-801 in rats. <i>Brain Research</i> , 2019, 1719, 30-39.	1.1	14
40	Coadministration of metformin prevents olanzapine-induced metabolic dysfunction and regulates the gut-liver axis in rats. <i>Psychopharmacology</i> , 2021, 238, 239-248.	1.5	13
41	Common variants of ATP1A3 but not ATP1A2 are associated with Chinese genetic generalized epilepsies. <i>Journal of the Neurological Sciences</i> , 2015, 354, 56-62.	0.3	12
42	iPSCs-Derived Platform: A Feasible Tool for Probing the Neurotropism of SARS-CoV-2. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2489-2491.	1.7	10
43	The molecular classification of astrocytic tumors. <i>Oncotarget</i> , 2017, 8, 96340-96350.	0.8	9
44	Shear Stress Rescued the Neuronal Impairment Induced by Global Cerebral Ischemia Reperfusion via Activating PECAM-1-eNOS-NO Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 631286.	1.8	8
45	Inhibitory effect of salvianolate on human cytochrome P450 3A4 in vitro involving a noncompetitive manner. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 15549-55.	1.3	6
46	The mutual interplay of redox signaling and connexins. <i>Journal of Molecular Medicine</i> , 2021, 99, 933-941.	1.7	4
47	Long-range and short-range tumor-stroma networks synergistically contribute to tumor-associated epilepsy. <i>Oncotarget</i> , 2016, 7, 33451-33460.	0.8	4
48	Metabolomics of Artichoke Bud Extract in Spontaneously Hypertensive Rats. <i>ACS Omega</i> , 2021, 6, 18610-18622.	1.6	3
49	Drug Repurposing in Neurological Diseases: Opportunities and Challenges. , 0, , .		2
50	Lipoxygenases as Targets for Drug Development. <i>Methods in Molecular Biology</i> , 2020, 2089, 251-256.	0.4	2
51	Cell perturbation in choroid plexus and cortex aiding COVID-19 neurological symptoms. <i>Science Bulletin</i> , 2021, 66, 2442-2444.	4.3	1
52	Mechanistic insight into lysyl oxidase in vascular remodeling and angiogenesis. <i>Genes and Diseases</i> , 2023, 10, 771-785.	1.5	1
53	Establishing Prediction Model of Antiepileptic Drugs Response using Data Mining Approach. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 860-862.	1.9	0