

Xiaoxing Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

4,768
citations

87888

38
h-index

123424

61
g-index

113
all docs

113
docs citations

113
times ranked

6414
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Oxidative Stress and Inflammation to Prevent Ischemia-Reperfusion Injury. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 28.	2.9	229
2	Peryleneâ€¦Diimideâ€¦Based Nanoparticles as Highly Efficient Photoacoustic Agents for Deep Brain Tumor Imaging in Living Mice. <i>Advanced Materials</i> , 2015, 27, 843-847.	21.0	222
3	Increased Brain Injury and Worsened Neurological Outcome in Interleukin-4 Knockout Mice After Transient Focal Cerebral Ischemia. <i>Stroke</i> , 2011, 42, 2026-2032.	2.0	182
4	Meisoindigo Protects Against Focal Cerebral Ischemia-Reperfusion Injury by Inhibiting NLRP3 Inflammasome Activation and Regulating Microglia/Macrophage Polarization via TLR4/NF-Î³B Signaling Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 553.	3.7	157
5	The Involvement and Therapy Target of Immune Cells After Ischemic Stroke. <i>Frontiers in Immunology</i> , 2019, 10, 2167.	4.8	152
6	Post-stroke treatment with miR-181 antagomir reduces injury and improves long-term behavioral recovery in mice after focal cerebral ischemia. <i>Experimental Neurology</i> , 2015, 264, 1-7.	4.1	130
7	Hypocretin/Orexin Neurons Contribute to Hippocampus-Dependent Social Memory and Synaptic Plasticity in Mice. <i>Journal of Neuroscience</i> , 2013, 33, 5275-5284.	3.6	126
8	Neuroprotection from Stroke in the Absence of MHCI or PirB. <i>Neuron</i> , 2012, 73, 1100-1107.	8.1	121
9	Janus Kinase Inhibition Ameliorates Ischemic Stroke Injury and Neuroinflammation Through Reducing NLRP3 Inflammasome Activation via JAK2/STAT3 Pathway Inhibition. <i>Frontiers in Immunology</i> , 2021, 12, 714943.	4.8	111
10	Distinctive Effects of T Cell Subsets in Neuronal Injury Induced by Cocultured Splenocytes In Vitro and by In Vivo Stroke in Mice. <i>Stroke</i> , 2012, 43, 1941-1946.	2.0	97
11	A Broadâ€¦Spectrum ROSâ€¦Eliminating Material for Prevention of Inflammation and Drugâ€¦Induced Organ Toxicity. <i>Advanced Science</i> , 2018, 5, 1800781.	11.2	93
12	Neurovascular Unit: A critical role in ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 7-16.	3.9	88
13	Interleukins and Ischemic Stroke. <i>Frontiers in Immunology</i> , 2022, 13, 828447.	4.8	86
14	Daphnetin Protects against Cerebral Ischemia/Reperfusion Injury in Mice via Inhibition of TLR4/NF-Î³B Signaling Pathway. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	84
15	IL-4 Is Required for Sex Differences in Vulnerability to Focal Ischemia in Mice. <i>Stroke</i> , 2015, 46, 2271-2276.	2.0	83
16	Bidirectional gut-brain-microbiota axis as a potential link between inflammatory bowel disease and ischemic stroke. <i>Journal of Neuroinflammation</i> , 2018, 15, 339.	7.2	82
17	Characteristics and Prognostic Analysis of 69 Patients With Pulmonary Sarcomatoid Carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2016, 39, 215-222.	1.3	81
18	PRAS40 plays a pivotal role in protecting against stroke by linking the Akt and mTOR pathways. <i>Neurobiology of Disease</i> , 2014, 66, 43-52.	4.4	78

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19	CCR2-dependent monocytes/macrophages exacerbate acute brain injury but promote functional recovery after ischemic stroke in mice. <i>Theranostics</i> , 2018, 8, 3530-3543.	10.0	76
20	Immune Checkpoint Targeted Therapy in Glioma: Status and Hopes. <i>Frontiers in Immunology</i> , 2020, 11, 578877.	4.8	76
21	MicroRNA-200c Contributes to Injury From Transient Focal Cerebral Ischemia by Targeting Reelin. <i>Stroke</i> , 2015, 46, 551-556.	2.0	74
22	Advances in Immunotherapy for Glioblastoma Multiforme. <i>Journal of Immunology Research</i> , 2017, 2017, 1-11.	2.2	73
23	Akt Isoforms Differentially Protect against Stroke-Induced Neuronal Injury by Regulating mTOR Activities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1875-1885.	4.3	70
24	Mitigation of Murine Focal Cerebral Ischemia by the Hypocretin/Orexin System is Associated With Reduced Inflammation. <i>Stroke</i> , 2013, 44, 764-770.	2.0	70
25	The Role of High Mobility Group Box 1 in Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 127.	3.7	62
26	Targeted Treatment of Ischemic Stroke by Bioactive Nanoparticle-Derived Reactive Oxygen Species Responsive and Inflammation-Resolving Nanotherapies. <i>ACS Nano</i> , 2021, 15, 16076-16094.	14.6	62
27	The Interrelation between Reactive Oxygen Species and Autophagy in Neurological Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-16.	4.0	61
28	Mechanism and Treatment Related to Oxidative Stress in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 88.	2.9	59
29	Engineering chimeric antigen receptor-T cells for cancer treatment. <i>Molecular Cancer</i> , 2018, 17, 32.	19.2	57
30	Biomedical applications of Pt(II) metallacycle/metallacage-based agents: From mono-chemotherapy to versatile imaging contrasts and theranostic platforms. <i>Coordination Chemistry Reviews</i> , 2021, 443, 214017.	18.8	57
31	Probenecid protects against oxygen-glucose deprivation injury in primary astrocytes by regulating inflammasome activity. <i>Brain Research</i> , 2016, 1643, 123-129.	2.2	56
32	Molecularly imprinted photoelectrochemical sensor for carcinoembryonic antigen based on polymerized ionic liquid hydrogel and hollow gold nanoballs/MoSe ₂ nanosheets. <i>Analytica Chimica Acta</i> , 2019, 1090, 64-71.	5.4	55
33	Inflammation-Mediated Angiogenesis in Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 652647.	3.7	53
34	Relevant mediators involved in and therapies targeting the inflammatory response induced by activation of the NLRP3 inflammasome in ischemic stroke. <i>Journal of Neuroinflammation</i> , 2021, 18, 123.	7.2	49
35	The inflammasome as a target for pain therapy. <i>British Journal of Anaesthesia</i> , 2016, 117, 693-707.	3.4	48
36	RND2 attenuates apoptosis and autophagy in glioblastoma cells by targeting the p38 MAPK signalling pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 174.	8.6	46

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37	Glycyrrhizin protects against focal cerebral ischemia via inhibition of T cell activity and HMGB1-mediated mechanisms. <i>Journal of Neuroinflammation</i> , 2016, 13, 241.	7.2	45
38	Inhibition of miR-181a protects female mice from transient focal cerebral ischemia by targeting astrocyte estrogen receptor- α . <i>Molecular and Cellular Neurosciences</i> , 2017, 82, 118-125.	2.2	44
39	Stroke-induced activation of the $\alpha 7$ nicotinic receptor increases <i>Pseudomonas aeruginosa</i> lung injury. <i>FASEB Journal</i> , 2012, 26, 2919-2929.	0.5	43
40	The bidirectional role of the JAK2/STAT3 signaling pathway and related mechanisms in cerebral ischemia-reperfusion injury. <i>Experimental Neurology</i> , 2021, 341, 113690.	4.1	41
41	T Cells and Cerebral Ischemic Stroke. <i>Neurochemical Research</i> , 2015, 40, 1786-1791.	3.3	40
42	The Role of the Gut Microbiota in Coronary Heart Disease. <i>Current Atherosclerosis Reports</i> , 2020, 22, 77.	4.8	40
43	TUBA1C is a Prognostic Marker in Low-grade Glioma and Correlates with Immune Cell Infiltration in the Tumor Microenvironment. <i>Frontiers in Genetics</i> , 2021, 12, 759953.	2.3	38
44	Hyperbaric Oxygen Therapy Ameliorates Local Brain Metabolism, Brain Edema and Inflammatory Response in a Blast-Induced Traumatic Brain Injury Model in Rabbits. <i>Neurochemical Research</i> , 2014, 39, 950-960.	3.3	37
45	Luminescence Imaging of Acute Liver Injury by Biodegradable and Biocompatible Nanoprobes. <i>ACS Nano</i> , 2020, 14, 11083-11099.	14.6	37
46	Stimuli-responsive charge-reversal MOF@polymer hybrid nanocomposites for enhanced co-delivery of chemotherapeutics towards combination therapy of multidrug-resistant cancer. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1882-1893.	9.4	37
47	Endothelium as a Potential Target for Treatment of Abdominal Aortic Aneurysm. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	36
48	Robust Photodynamic Therapy Using 5-ALA-incorporated Nanocomplexes Cures Metastatic Melanoma through Priming of CD4 ⁺ CD8 ⁺ Double Positive T Cells. <i>Advanced Science</i> , 2019, 6, 1802057.	11.2	36
49	Sodium Tanshinone IIA Sulfonate Protects Against Cerebral Ischemia-reperfusion Injury by Inhibiting Autophagy and Inflammation. <i>Neuroscience</i> , 2020, 441, 46-57.	2.3	36
50	The protective effects of T cell deficiency against brain injury are ischemic model-dependent in rats. <i>Neurochemistry International</i> , 2013, 62, 265-270.	3.8	35
51	MKEY, a Peptide Inhibitor of CXCL4-CCL5 Heterodimer Formation, Protects Against Stroke in Mice. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	34
52	A Second Near-Infrared Ru(II) Polypyridyl Complex for Synergistic Chemo-Photothermal Therapy. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2225-2237.	6.4	33
53	Sensitive photoelectrochemical immunosensor for squamous cell carcinoma antigen based on MoSe ₂ nanosheets and hollow gold nanospheres. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 199-205.	7.8	32
54	Small-Molecule Fluorophores for Near-Infrared IIb Imaging and Image-Guided Therapy of Vascular Diseases. <i>CCS Chemistry</i> , 2022, 4, 3735-3750.	7.8	31

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55	Buyang Huanwu Decoction attenuates H ₂ O ₂ -induced apoptosis by inhibiting reactive oxygen species-mediated mitochondrial dysfunction pathway in human umbilical vein endothelial cells. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 154.	3.7	29
56	An aptamer biosensor for CA125 quantification in human serum based on upconversion luminescence resonance energy transfer. <i>Microchemical Journal</i> , 2021, 161, 105761.	4.5	27
57	New Insight Into Neutrophils: A Potential Therapeutic Target for Cerebral Ischemia. <i>Frontiers in Immunology</i> , 2021, 12, 692061.	4.8	27
58	T Cells Contribute to Stroke-Induced Lymphopenia in Rats. <i>PLoS ONE</i> , 2013, 8, e59602.	2.5	27
59	High-throughput sequencing of the immune repertoire in oncology: Applications for clinical diagnosis, monitoring, and immunotherapies. <i>Cancer Letters</i> , 2018, 416, 42-56.	7.2	26
60	The Neuroprotective Roles of Sonic Hedgehog Signaling Pathway in Ischemic Stroke. <i>Neurochemical Research</i> , 2018, 43, 2199-2211.	3.3	25
61	Genetically Modified T-Cell-Based Adoptive Immunotherapy in Hematological Malignancies. <i>Journal of Immunology Research</i> , 2017, 2017, 1-13.	2.2	24
62	Role of Myeloid Lineage Cell Autophagy in Ischemic Brain Injury. <i>Stroke</i> , 2018, 49, 1488-1495.	2.0	24
63	Propagermanium, a CCR2 inhibitor, attenuates cerebral ischemia/reperfusion injury through inhibiting inflammatory response induced by microglia. <i>Neurochemistry International</i> , 2019, 125, 99-110.	3.8	24
64	Prognostic Implications of Immune-Related Genes [™] (IRGs) Signature Models in Cervical Cancer and Endometrial Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 725.	2.3	24
65	Extracellular vesicle-derived miRNA as a novel regulatory system for bi-directional communication in gut-brain-microbiota axis. <i>Journal of Translational Medicine</i> , 2021, 19, 202.	4.4	24
66	Endoplasmic Reticulum Stress and the Unfolded Protein Response in Cerebral Ischemia/Reperfusion Injury. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, .	3.7	23
67	Initiation of the inflammatory response after renal ischemia/reperfusion injury during renal transplantation. <i>International Urology and Nephrology</i> , 2018, 50, 2027-2035.	1.4	22
68	Heat shock protein 72 (Hsp72) improves long term recovery after focal cerebral ischemia in mice. <i>Neuroscience Letters</i> , 2011, 488, 279-282.	2.1	21
69	Emulsified Isoflurane Protects Against Transient Focal Cerebral Ischemia Injury in Rats via the PI3K/Akt Signaling Pathway. <i>Anesthesia and Analgesia</i> , 2016, 122, 1377-1384.	2.2	21
70	uPAR targeted phototheranostic metal-organic framework nanoprobe for MR/NIR-II imaging-guided therapy and surgical resection of glioblastoma. <i>Materials and Design</i> , 2021, 198, 109386.	7.0	21
71	Tim-3 cell signaling and iNOS are involved in the protective effects of ischemic postconditioning against focal ischemia in rats. <i>Metabolic Brain Disease</i> , 2015, 30, 483-490.	2.9	20
72	A sandwich-type photoelectrochemical immunosensor based on ReS ₂ nanosheets for high-performance determination of carcinoembryonic antigen. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128341.	7.8	20

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73	A pro-gastrin-releasing peptide imprinted photoelectrochemical sensor based on the <i>in situ</i> growth of gold nanoparticles on a MoS ₂ nanosheet surface. <i>Analyst, The</i> , 2020, 145, 1302-1309.	3.5	19
74	The New Biomarker for Cervical Squamous Cell Carcinoma and Endocervical Adenocarcinoma (CESC) Based on Public Database Mining. <i>BioMed Research International</i> , 2020, 2020, 1-9.	1.9	19
75	Macrophage Polarization in Cerebral Aneurysm: Perspectives and Potential Targets. <i>Journal of Immunology Research</i> , 2017, 2017, 1-7.	2.2	18
76	Newly Detected Atrial Fibrillation after Acute Stroke: A Narrative Review of Causes and Implications. <i>Cardiology</i> , 2019, 144, 112-121.	1.4	17
77	TRPC6 Attenuates Cortical Astrocytic Apoptosis and Inflammation in Cerebral Ischemic/Reperfusion Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 594283.	3.7	17
78	Pan-Cancer Analysis of PIMREG as a Biomarker for the Prognostic and Immunological Role. <i>Frontiers in Genetics</i> , 2021, 12, 687778.	2.3	16
79	Absence of miR-182 Augments Cardiac Allograft Survival. <i>Transplantation</i> , 2017, 101, 524-530.	1.0	15
80	MicroRNA-26b/PTEN Signaling Pathway Mediates Glycine-Induced Neuroprotection in SAH Injury. <i>Neurochemical Research</i> , 2019, 44, 2658-2669.	3.3	15
81	Novel Targets for Stroke Therapy: Special Focus on TRPC Channels and TRPC6. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 70.	3.4	15
82	The Role of the Gut Microbiota in the Development of Ischemic Stroke. <i>Frontiers in Immunology</i> , 2022, 13, 845243.	4.8	14
83	Molecular Pathogenesis of Anti-NMDAR Encephalitis. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	13
84	Serum prealbumin as an effective prognostic indicator for determining clinical status and prognosis in patients with hemorrhagic stroke. <i>Neural Regeneration Research</i> , 2017, 12, 1097.	3.0	13
85	Intrastriatal Transplantation of Retinal Pigment Epithelial Cells for the Treatment of Parkinson Disease: In Vivo Longitudinal Molecular Imaging with ¹⁸ F-P3BZA PET/CT. <i>Radiology</i> , 2014, 272, 174-183.	7.3	12
86	Meisoindigo, but not its core chemical structure indirubin, inhibits zebrafish interstitial leukocyte chemotactic migration. <i>Pharmaceutical Biology</i> , 2017, 55, 673-679.	2.9	12
87	Small GTPase RHOE/RND3, a new critical regulator of NF- κ B signalling in glioblastoma multiforme?. <i>Cell Proliferation</i> , 2019, 52, e12665.	5.3	12
88	A highly specific probe for the imaging of inflammation-induced endogenous nitric oxide produced during the stroke process. <i>Analyst, The</i> , 2020, 145, 6125-6129.	3.5	11
89	Expression, Location, Clinical Implication, and Bioinformatics Analysis of RNASET2 in Gastric Adenocarcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 836.	2.8	11
90	Integrated Analysis to Evaluate the Prognostic Value of Signature mRNAs in Glioblastoma Multiforme. <i>Frontiers in Genetics</i> , 2020, 11, 253.	2.3	11

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91	The Hypoxia-Related Gene COL5A1 Is a Prognostic and Immunological Biomarker for Multiple Human Tumors. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-42.	4.0	10
92	Identification of Loop Nucleotide Polymorphisms Affecting MicroRNA Processing and Function. <i>Molecules and Cells</i> , 2013, 36, 518-526.	2.6	9
93	Astaxanthin suppresses lipopolysaccharide-induced myocardial injury by regulating MAPK and PI3K/AKT/mTOR/GSK3 β signaling. <i>Molecular Medicine Reports</i> , 2020, 22, 3338-3346.	2.4	9
94	CD4 T cell deficiency attenuates ischemic stroke, inhibits oxidative stress, and enhances Akt/mTOR survival signaling pathways in mice. <i>Chinese Neurosurgical Journal</i> , 2018, 4, .	0.9	8
95	The Akt/glycogen synthase kinase-3 β pathway participates in the neuroprotective effect of interleukin-4 against cerebral ischemia/reperfusion injury. <i>Neural Regeneration Research</i> , 2020, 15, 1716.	3.0	8
96	A Pharmacogenetic Discovery: Cystamine Protects Against Haloperidol-Induced Toxicity and Ischemic Brain Injury. <i>Genetics</i> , 2016, 203, 599-609.	2.9	7
97	A brain-stellate ganglion-atrium network regulates atrial fibrillation vulnerability through macrophages in acute stroke. <i>Life Sciences</i> , 2019, 237, 116949.	4.3	7
98	MICAL2 Promotes Proliferation and Migration of Glioblastoma Cells Through TGF β /p-Smad2/EMT-Like Signaling Pathway. <i>Frontiers in Oncology</i> , 2021, 11, 735180.	2.8	7
99	High Expression of CKS2 Predicts Adverse Outcomes: A Potential Therapeutic Target for Glioma. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	7
100	SK4 calcium-activated potassium channels activated by sympathetic nerves enhances atrial fibrillation vulnerability in a canine model of acute stroke. <i>Heliyon</i> , 2020, 6, e03928.	3.2	6
101	Single-Cell Sequencing Technology in Oncology: Applications for Clinical Therapies and Research. <i>Analytical Cellular Pathology</i> , 2016, 2016, 1-8.	1.4	5
102	USP10 Expression in Normal Adrenal Gland and Various Adrenal Tumors. <i>Endocrine Pathology</i> , 2015, 26, 302-308.	9.0	4
103	Photoacoustic Imaging: Perylene-Diimide-Based Nanoparticles as Highly Efficient Photoacoustic Agents for Deep Brain Tumor Imaging in Living Mice (<i>Adv. Mater.</i> 5/2015). <i>Advanced Materials</i> , 2015, 27, 774-774.	21.0	4
104	Predictive value of PIMREG in the prognosis and response to immune checkpoint blockade of glioma patients. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	3
105	Nanoparticles: A Broad-Spectrum ROS-Eliminating Material for Prevention of Inflammation and Drug-Induced Organ Toxicity (<i>Adv. Sci.</i> 10/2018). <i>Advanced Science</i> , 2018, 5, 1870065.	11.2	1
106	Left Stellate Ganglion Ablation Inhibits Ventricular Arrhythmias through Macrophage Regulation in Canines with Acute Ischemic Stroke. <i>International Journal of Medical Sciences</i> , 2021, 18, 891-901.	2.5	1
107	Meisoindigo inhibits cellular proliferation via down-regulation of the PI3K/Akt pathway and induces cellular apoptosis in glioblastoma U87 cells. <i>Acta Biochimica Polonica</i> , 2021, 68, 309-315.	0.5	1
108	Editorial: Immune Response to Cerebral Ischemia: Exploring Mechanisms and Potential Treatment Targets. <i>Frontiers in Immunology</i> , 2021, 12, 813836.	4.8	0