Xiaoxing Xiong

List of Publications by Year in descending order

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	Stimuli-responsive charge-reversal MOF@polymer hybrid nanocomposites for enhanced co-delivery of chemotherapeutics towards combination therapy of multidrug-resistant cancer. Journal of Colloid and Interface Science, 2022, 608, 1882-1893.	9.4	37
2	Small-Molecule Fluorophores for Near-Infrared IIb Imaging and Image-Guided Therapy of Vascular Diseases. CCS Chemistry, 2022, 4, 3735-3750.	7.8	31
3	A Second Near-Infrared Ru(II) Polypyridyl Complex for Synergistic Chemo-Photothermal Therapy. Journal of Medicinal Chemistry, 2022, 65, 2225-2237.	6.4	33
4	The Hypoxia-Related Gene COL5A1 Is a Prognostic and Immunological Biomarker for Multiple Human Tumors. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-42.	4.0	10
5	Interleukins and Ischemic Stroke. Frontiers in Immunology, 2022, 13, 828447.	4.8	86
6	The Role of the Gut Microbiota in the Development of Ischemic Stroke. Frontiers in Immunology, 2022, 13, 845243.	4.8	14
7	Endoplasmic Reticulum Stress and the Unfolded Protein Response in Cerebral Ischemia/Reperfusion Injury. Frontiers in Cellular Neuroscience, 2022, 16, .	3.7	23
8	High Expression of CKS2 Predicts Adverse Outcomes: A Potential Therapeutic Target for Glioma. Frontiers in Immunology, 2022, 13, .	4.8	7
9	An aptamer biosensor for CA125 quantification in human serum based on upconversion luminescence resonance energy transfer. Microchemical Journal, 2021, 161, 105761.	4.5	27
10	Left Stellate Ganglion Ablation Inhibits Ventricular Arrhythmias through Macrophage Regulation in Canines with Acute Ischemic Stroke. International Journal of Medical Sciences, 2021, 18, 891-901.	2.5	1
11	Neurovascular Unit: A critical role in ischemic stroke. CNS Neuroscience and Therapeutics, 2021, 27, 7-16.	3.9	88
12	uPAR targeted phototheranostic metal-organic framework nanoprobes for MR/NIR-II imaging-guided therapy and surgical resection of glioblastoma. Materials and Design, 2021, 198, 109386.	7.0	21
13	Inflammation-Mediated Angiogenesis in Ischemic Stroke. Frontiers in Cellular Neuroscience, 2021, 15, 652647.	3.7	53
14	Meisoindigo inhibits cellular proliferation via down-regulation of the PI3K/Akt pathway and induces cellular apoptosis in glioblastoma U87 cells. Acta Biochimica Polonica, 2021, 68, 309-315.	0.5	1
15	Extracellular vesicle-derived miRNA as a novel regulatory system for bi-directional communication in gut-brain-microbiota axis. Journal of Translational Medicine, 2021, 19, 202.	4.4	24
16	Relevant mediators involved in and therapies targeting the inflammatory response induced by activation of the NLRP3 inflammasome in ischemic stroke. Journal of Neuroinflammation, 2021, 18, 123.	7.2	49
17	New Insight Into Neutrophils: A Potential Therapeutic Target for Cerebral Ischemia. Frontiers in Immunology, 2021, 12, 692061.	4.8	27
18	Janus Kinase Inhibition Ameliorates Ischemic Stroke Injury and Neuroinflammation Through Reducing NLRP3 Inflammasome Activation via JAK2/STAT3 Pathway Inhibition. Frontiers in Immunology, 2021, 12, 714943.	4.8	111

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19	The bidirectional role of the JAK2/STAT3 signaling pathway and related mechanisms in cerebral ischemia-reperfusion injury. Experimental Neurology, 2021, 341, 113690.	4.1	41
20	Pan-Cancer Analysis of PIMREG as a Biomarker for the Prognostic and Immunological Role. Frontiers in Genetics, 2021, 12, 687778.	2.3	16
21	Biomedical applications of Pt(II) metallacycle/metallacage-based agents: From mono-chemotherapy to versatile imaging contrasts and theranostic platforms. Coordination Chemistry Reviews, 2021, 443, 214017.	18.8	57
22	TUBA1C is a Prognostic Marker in Low-grade Glioma and Correlates with Immune Cell Infiltration in the Tumor Microenvironment. Frontiers in Genetics, 2021, 12, 759953.	2.3	38
23	Targeted Treatment of Ischemic Stroke by Bioactive Nanoparticle-Derived Reactive Oxygen Species Responsive and Inflammation-Resolving Nanotherapies. ACS Nano, 2021, 15, 16076-16094.	14.6	62
24	MICAL2 Promotes Proliferation and Migration of Glioblastoma Cells Through TGF-Î²/p-Smad2/EMT-Like Signaling Pathway. Frontiers in Oncology, 2021, 11, 735180.	2.8	7
25	Editorial: Immune Response to Cerebral Ischemia: Exploring Mechanisms and Potential Treatment Targets. Frontiers in Immunology, 2021, 12, 813836.	4.8	0
26	A pro-gastrin-releasing peptide imprinted photoelectrochemical sensor based on the in situ growth of gold nanoparticles on a MoS₂ nanosheet surface. Analyst, The, 2020, 145, 1302-1309.	3.5	19
27	The Role of the Gut Microbiota in Coronary Heart Disease. Current Atherosclerosis Reports, 2020, 22, 77.	4.8	40
28	SK4 calcium-activated potassium channels activated by sympathetic nerves enhances atrial fibrillation vulnerability in a canine model of acute stroke. Heliyon, 2020, 6, e03928.	3.2	6
29	Immune Checkpoint Targeted Therapy in Glioma: Status and Hopes. Frontiers in Immunology, 2020, 11, 578877.	4.8	76
30	Prognostic Implications of Immune-Related Genesâ€™ (IRGs) Signature Models in Cervical Cancer and Endometrial Cancer. Frontiers in Genetics, 2020, 11, 725.	2.3	24
31	Luminescence Imaging of Acute Liver Injury by Biodegradable and Biocompatible Nanoprobes. ACS Nano, 2020, 14, 11083-11099.	14.6	37
32	A highly specific probe for the imaging of inflammation-induced endogenous nitric oxide produced during the stroke process. Analyst, The, 2020, 145, 6125-6129.	3.5	11
33	RND2 attenuates apoptosis and autophagy in glioblastoma cells by targeting the p38 MAPK signalling pathway. Journal of Experimental and Clinical Cancer Research, 2020, 39, 174.	8.6	46
34	Sodium Tanshinone IIA Sulfonate Protects Against Cerebral Ischemiaâ€“reperfusion Injury by Inhibiting Autophagy and Inflammation. Neuroscience, 2020, 441, 46-57.	2.3	36
35	Expression, Location, Clinical Implication, and Bioinformatics Analysis of RNASET2 in Gastric Adenocarcinoma. Frontiers in Oncology, 2020, 10, 836.	2.8	11
36	Novel Targets for Stroke Therapy: Special Focus on TRPC Channels and TRPC6. Frontiers in Aging Neuroscience, 2020, 12, 70.	3.4	15

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37	Targeting Oxidative Stress and Inflammation to Prevent Ischemia-Reperfusion Injury. Frontiers in Molecular Neuroscience, 2020, 13, 28.	2.9	229
38	The New Biomarker for Cervical Squamous Cell Carcinoma and Endocervical Adenocarcinoma (CESC) Based on Public Database Mining. BioMed Research International, 2020, 2020, 1-9.	1.9	19
39	Integrated Analysis to Evaluate the Prognostic Value of Signature mRNAs in Glioblastoma Multiforme. Frontiers in Genetics, 2020, 11, 253.	2.3	11
40	TRPC6 Attenuates Cortical Astrocytic Apoptosis and Inflammation in Cerebral Ischemic/Reperfusion Injury. Frontiers in Cell and Developmental Biology, 2020, 8, 594283.	3.7	17
41	A sandwich-type photoelectrochemical immunosensor based on ReS2 nanosheets for high-performance determination of carcinoembryonic antigen. Sensors and Actuators B: Chemical, 2020, 320, 128341.	7.8	20
42	Astaxanthin suppresses lipopolysaccharideâ€‘induced myocardial injury by regulating MAPK and PI3K/AKT/mTOR/GSK3Î² signaling. Molecular Medicine Reports, 2020, 22, 3338-3346.	2.4	9
43	The Akt/glycogen synthase kinase-3Î² pathway participates in the neuroprotective effect of interleukin-4 against cerebral ischemia/reperfusion injury. Neural Regeneration Research, 2020, 15, 1716.	3.0	8
44	Small GTPase RHOE/RND3, a new critical regulator of NFâ€ÎºB signalling in glioblastoma multiforme?. Cell Proliferation, 2019, 52, e12665.	5.3	12
45	MicroRNA-26b/PTEN Signaling Pathway Mediates Glycine-Induced Neuroprotection in SAH Injury. Neurochemical Research, 2019, 44, 2658-2669.	3.3	15
46	Molecularly imprinted photoelectrochemical sensor for carcinoembryonic antigen based on polymerized ionic liquid hydrogel and hollow gold nanoballs/MoSe2 nanosheets. Analytica Chimica Acta, 2019, 1090, 64-71.	5.4	55
47	Newly Detected Atrial Fibrillation after Acute Stroke: A Narrative Review of Causes and Implications. Cardiology, 2019, 144, 112-121.	1.4	17
48	A brain-stellate ganglion-atrium network regulates atrial fibrillation vulnerability through macrophages in acute stroke. Life Sciences, 2019, 237, 116949.	4.3	7
49	The Involvement and Therapy Target of Immune Cells After Ischemic Stroke. Frontiers in Immunology, 2019, 10, 2167.	4.8	152
50	Mechanism and Treatment Related to Oxidative Stress in Neonatal Hypoxic-Ischemic Encephalopathy. Frontiers in Molecular Neuroscience, 2019, 12, 88.	2.9	59
51	The Role of High Mobility Group Box 1 in Ischemic Stroke. Frontiers in Cellular Neuroscience, 2019, 13, 127.	3.7	62
52	Propagermanium, a CCR2 inhibitor, attenuates cerebral ischemia/reperfusion injury through inhibiting inflammatory response induced by microglia. Neurochemistry International, 2019, 125, 99-110.	3.8	24
53	Robust Photodynamic Therapy Using 5â€ALAâ€Incorporated Nanocomplexes Cures Metastatic Melanoma through Priming of CD4⁺CD8⁺ Double Positive T Cells. Advanced Science, 2019, 6, 1802057.	11.2	36
54	Meisoindigo Protects Against Focal Cerebral Ischemia-Reperfusion Injury by Inhibiting NLRP3 Inflammasome Activation and Regulating Microglia/Macrophage Polarization via TLR4/NF-ÎºB Signaling Pathway. Frontiers in Cellular Neuroscience, 2019, 13, 553.	3.7	157

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55	Engineering chimeric antigen receptor-T cells for cancer treatment. Molecular Cancer, 2018, 17, 32.	19.2	57
56	High-throughput sequencing of the immune repertoire in oncology: Applications for clinical diagnosis, monitoring, and immunotherapies. Cancer Letters, 2018, 416, 42-56.	7.2	26
57	CD4 T cell deficiency attenuates ischemic stroke, inhibits oxidative stress, and enhances Akt/mTOR survival signaling pathways in mice. Chinese Neurosurgical Journal, 2018, 4, .	0.9	8
58	Bidirectional gut-brain-microbiota axis as a potential link between inflammatory bowel disease and ischemic stroke. Journal of Neuroinflammation, 2018, 15, 339.	7.2	82
59	The Neuroprotective Roles of Sonic Hedgehog Signaling Pathway in Ischemic Stroke. Neurochemical Research, 2018, 43, 2199-2211.	3.3	25
60	Nanoparticles: A Broad-Spectrum ROS-Eliminating Material for Prevention of Inflammation and Drug-Induced Organ Toxicity (Adv. Sci. 10/2018). Advanced Science, 2018, 5, 1870065.	11.2	1
61	Initiation of the inflammatory response after renal ischemia/reperfusion injury during renal transplantation. International Urology and Nephrology, 2018, 50, 2027-2035.	1.4	22
62	Endothelium as a Potential Target for Treatment of Abdominal Aortic Aneurysm. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	36
63	CCR2-dependent monocytes/macrophages exacerbate acute brain injury but promote functional recovery after ischemic stroke in mice. Theranostics, 2018, 8, 3530-3543.	10.0	76
64	Role of Myeloid Lineage Cell Autophagy in Ischemic Brain Injury. Stroke, 2018, 49, 1488-1495.	2.0	24
65	A Broadâ€Spectrum ROSâ€Eliminating Material for Prevention of Inflammation and Drugâ€Induced Organ Toxicity. Advanced Science, 2018, 5, 1800781.	11.2	93
66	Sensitive photoelectrochemical immunosensor for squamous cell carcinoma antigen based on MoSe2 nanosheets and hollow gold nanospheres. Sensors and Actuators B: Chemical, 2018, 275, 199-205.	7.8	32
67	Absence of miR-182 Augments Cardiac Allograft Survival. Transplantation, 2017, 101, 524-530.	1.0	15
68	Inhibition of miR-181a protects female mice from transient focal cerebral ischemia by targeting astrocyte estrogen receptor-Î±. Molecular and Cellular Neurosciences, 2017, 82, 118-125.	2.2	44
69	Meisoindigo, but not its core chemical structure indirubin, inhibits zebrafish interstitial leukocyte chemotactic migration. Pharmaceutical Biology, 2017, 55, 673-679.	2.9	12
70	Macrophage Polarization in Cerebral Aneurysm: Perspectives and Potential Targets. Journal of Immunology Research, 2017, 2017, 1-7.	2.2	18
71	The Interrelation between Reactive Oxygen Species and Autophagy in Neurological Disorders. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-16.	4.0	61
72	Advances in Immunotherapy for Glioblastoma Multiforme. Journal of Immunology Research, 2017, 2017, 1-11.	2.2	73

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73	Genetically Modified T-Cell-Based Adoptive Immunotherapy in Hematological Malignancies. Journal of Immunology Research, 2017, 2017, 1-13.	2.2	24
74	Serum prealbumin as an effective prognostic indicator for determining clinical status and prognosis in patients with hemorrhagic stroke. Neural Regeneration Research, 2017, 12, 1097.	3.0	13
75	Single-Cell Sequencing Technology in Oncology: Applications for Clinical Therapies and Research. Analytical Cellular Pathology, 2016, 2016, 1-8.	1.4	5
76	Daphnetin Protects against Cerebral Ischemia/Reperfusion Injury in Mice via Inhibition of TLR4/NF-ÎB Signaling Pathway. BioMed Research International, 2016, 2016, 1-6.	1.9	84
77	Glycyrrhizin protects against focal cerebral ischemia via inhibition of T cell activity and HMGB1-mediated mechanisms. Journal of Neuroinflammation, 2016, 13, 241.	7.2	45
78	Emulsified Isoflurane Protects Against Transient Focal Cerebral Ischemia Injury in Rats via the PI3K/Akt Signaling Pathway. Anesthesia and Analgesia, 2016, 122, 1377-1384.	2.2	21
79	Characteristics and Prognostic Analysis of 69 Patients With Pulmonary Sarcomatoid Carcinoma. American Journal of Clinical Oncology: Cancer Clinical Trials, 2016, 39, 215-222.	1.3	81
80	The inflammasome as a target for pain therapy. British Journal of Anaesthesia, 2016, 117, 693-707.	3.4	48
81	Probenecid protects against oxygenâ€“glucose deprivation injury in primary astrocytes by regulating inflammasome activity. Brain Research, 2016, 1643, 123-129.	2.2	56
82	MKEY, a Peptide Inhibitor of CXCL4â€CCL5 Heterodimer Formation, Protects Against Stroke in Mice. Journal of the American Heart Association, 2016, 5, .	3.7	34
83	Buyang Huanwu Decoction attenuates H2O2-induced apoptosis by inhibiting reactive oxygen species-mediated mitochondrial dysfunction pathway in human umbilical vein endothelial cells. BMC Complementary and Alternative Medicine, 2016, 16, 154.	3.7	29
84	A Pharmacogenetic Discovery: Cystamine Protects Against Haloperidol-Induced Toxicity and Ischemic Brain Injury. Genetics, 2016, 203, 599-609.	2.9	7
85	USP10 Expression in Normal Adrenal Gland and Various Adrenal Tumors. Endocrine Pathology, 2015, 26, 302-308.	9.0	4
86	Molecular Pathogenesis of Anti-NMDAR Encephalitis. BioMed Research International, 2015, 2015, 1-6.	1.9	13
87	MicroRNA-200c Contributes to Injury From Transient Focal Cerebral Ischemia by Targeting Reelin. Stroke, 2015, 46, 551-556.	2.0	74
88	Photoacoustic Imaging: Perylene-Diimide-Based Nanoparticles as Highly Efficient Photoacoustic Agents for Deep Brain Tumor Imaging in Living Mice (Adv. Mater. 5/2015). Advanced Materials, 2015, 27, 774-774.	21.0	4
89	IL-4 Is Required for Sex Differences in Vulnerability to Focal Ischemia in Mice. Stroke, 2015, 46, 2271-2276.	2.0	83
90	T Cells and Cerebral Ischemic Stroke. Neurochemical Research, 2015, 40, 1786-1791.	3.3	40

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91	Post-stroke treatment with miR-181 antagomir reduces injury and improves long-term behavioral recovery in mice after focal cerebral ischemia. Experimental Neurology, 2015, 264, 1-7.	4.1	130
92	Peryleneâ€Diimideâ€Based Nanoparticles as Highly Efficient Photoacoustic Agents for Deep Brain Tumor Imaging in Living Mice. Advanced Materials, 2015, 27, 843-847.	21.0	222
93	Tim-3 cell signaling and iNOS are involved in the protective effects of ischemic postconditioning against focal ischemia in rats. Metabolic Brain Disease, 2015, 30, 483-490.	2.9	20
94	PRAS40 plays a pivotal role in protecting against stroke by linking the Akt and mTOR pathways. Neurobiology of Disease, 2014, 66, 43-52.	4.4	78
95	Hyperbaric Oxygen Therapy Ameliorates Local Brain Metabolism, Brain Edema and Inflammatory Response in a Blast-Induced Traumatic Brain Injury Model in Rabbits. Neurochemical Research, 2014, 39, 950-960.	3.3	37
96	Intrastriatal Transplantation of Retinal Pigment Epithelial Cells for the Treatment of Parkinson Disease: In Vivo Longitudinal Molecular Imaging with¹⁸F-P3BZA PET/CT. Radiology, 2014, 272, 174-183.	7.3	12
97	Identification of Loop Nucleotide Polymorphisms Affecting MicroRNA Processing and Function. Molecules and Cells, 2013, 36, 518-526.	2.6	9
98	Akt Isoforms Differentially Protect against Stroke-Induced Neuronal Injury by Regulating mTOR Activities. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1875-1885.	4.3	70
99	The protective effects of T cell deficiency against brain injury are ischemic model-dependent in rats. Neurochemistry International, 2013, 62, 265-270.	3.8	35
100	Hypocretin/Orexin Neurons Contribute to Hippocampus-Dependent Social Memory and Synaptic Plasticity in Mice. Journal of Neuroscience, 2013, 33, 5275-5284.	3.6	126
101	Mitigation of Murine Focal Cerebral Ischemia by the Hypocretin/Orexin System is Associated With Reduced Inflammation. Stroke, 2013, 44, 764-770.	2.0	70
102	T Cells Contribute to Stroke-Induced Lymphopenia in Rats. PLoS ONE, 2013, 8, e59602.	2.5	27
103	Strokeâ€induced activation of the Î±7 nicotinic receptor increasesPseudomonas aeruginosalung injury. FASEB Journal, 2012, 26, 2919-2929.	0.5	43
104	Distinctive Effects of T Cell Subsets in Neuronal Injury Induced by Cocultured Splenocytes In Vitro and by In Vivo Stroke in Mice. Stroke, 2012, 43, 1941-1946.	2.0	97
105	Neuroprotection from Stroke in the Absence of MHCI or PirB. Neuron, 2012, 73, 1100-1107.	8.1	121
106	Heat shock protein 72 (Hsp72) improves long term recovery after focal cerebral ischemia in mice. Neuroscience Letters, 2011, 488, 279-282.	2.1	21
107	Increased Brain Injury and Worsened Neurological Outcome in Interleukin-4 Knockout Mice After Transient Focal Cerebral Ischemia. Stroke, 2011, 42, 2026-2032.	2.0	182
108	Predictive value of PIMREG in the prognosis and response to immune checkpoint blockade of glioma patients. Frontiers in Immunology, 0, 13, .	4.8	3