

Hansen Chen

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,368
citations

430442

18
h-index

454577

30
g-index

38
all docs

38
docs citations

38
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Myeloperoxidase (MPO) Mediated Oxidative Stress and Inflammation for Reducing Brain Ischemia Injury: Potential Application of Natural Compounds. <i>Frontiers in Physiology</i> , 2020, 11, 433.	1.3	132
2	A Highly Selective and Sensitive Chemiluminescent Probe for Real-Time Monitoring of Hydrogen Peroxide in Cells and Animals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14326-14330.	7.2	112
3	Targeting reactive nitrogen species: a promising therapeutic strategy for cerebral ischemia-reperfusion injury. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 67-77.	2.8	97
4	Therapeutic targets of oxidative/nitrosative stress and neuroinflammation in ischemic stroke: Applications for natural product efficacy with omics and systemic biology. <i>Pharmacological Research</i> , 2020, 158, 104877.	3.1	96
5	Momordica charantia polysaccharides could protect against cerebral ischemia/reperfusion injury through inhibiting oxidative stress mediated c-Jun N-terminal kinase 3 signaling pathway. <i>Neuropharmacology</i> , 2015, 91, 123-134.	2.0	86
6	Baicalin Attenuates Blood-Brain Barrier Disruption and Hemorrhagic Transformation and Improves Neurological Outcome in Ischemic Stroke Rats with Delayed t-PA Treatment: Involvement of ONOO ⁻ -MMP-9 Pathway. <i>Translational Stroke Research</i> , 2018, 9, 515-529.	2.3	74
7	One-Compound-Multi-Target: Combination Prospect of Natural Compounds with Thrombolytic Therapy in Acute Ischemic Stroke. <i>Current Neuropharmacology</i> , 2017, 15, 134-156.	1.4	66
8	Proteomics-Guided Study on Buyang Huanwu Decoction for Its Neuroprotective and Neurogenic Mechanisms for Transient Ischemic Stroke: Involvements of EGFR/PI3K/Akt/Bad/14-3-3 and Jak2/Stat3/Cyclin D1 Signaling Cascades. <i>Molecular Neurobiology</i> , 2020, 57, 4305-4321.	1.9	63
9	Glycyrrhetic acid induces oxidative/nitrosative stress and drives ferroptosis through activating NADPH oxidases and iNOS, and depriving glutathione in triple-negative breast cancer cells. <i>Free Radical Biology and Medicine</i> , 2021, 173, 41-51.	1.3	63
10	Astragaloside VI Promotes Neural Stem Cell Proliferation and Enhances Neurological Function Recovery in Transient Cerebral Ischemic Injury Via Activating EGFR/MAPK Signaling Cascades. <i>Molecular Neurobiology</i> , 2019, 56, 3053-3067.	1.9	61
11	Glycyrrhizin Prevents Hemorrhagic Transformation and Improves Neurological Outcome in Ischemic Stroke with Delayed Thrombolysis Through Targeting Peroxynitrite-Mediated HMGB1 Signaling. <i>Translational Stroke Research</i> , 2020, 11, 967-982.	2.3	55
12	Targeting RNS/caveolin-1/MMP signaling cascades to protect against cerebral ischemia-reperfusion injuries: potential application for drug discovery. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 669-682.	2.8	53
13	Pros and Cons of Current Approaches for Detecting Peroxynitrite and Their Applications. <i>Biomedical Journal</i> , 2014, 37, 120.	1.4	38
14	Peroxynitrite Decomposition Catalyst Reduces Delayed Thrombolysis-Induced Hemorrhagic Transformation in Ischemia-Reperused Rat Brains. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 585-590.	1.9	34
15	Caveolin-1 Is Critical for Lymphocyte Trafficking into Central Nervous System during Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2016, 36, 5193-5199.	1.7	34
16	Rehmapicroside ameliorates cerebral ischemia-reperfusion injury via attenuating peroxynitrite-mediated mitophagy activation. <i>Free Radical Biology and Medicine</i> , 2020, 160, 526-539.	1.3	34
17	Peroxynitrite enhances self-renewal, proliferation and neuronal differentiation of neural stem/progenitor cells through activating HIF-1 α and Wnt/ β -catenin signaling pathway. <i>Free Radical Biology and Medicine</i> , 2018, 117, 158-167.	1.3	30
18	Potential molecular targets of peroxynitrite in mediating blood-brain barrier damage and haemorrhagic transformation in acute ischaemic stroke with delayed tissue plasminogen activator treatment. <i>Free Radical Research</i> , 2018, 52, 1220-1239.	1.5	27

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19	Promotion of Momordica Charantia polysaccharides on neural stem cell proliferation by increasing SIRT1 activity after cerebral ischemia/reperfusion in rats. <i>Brain Research Bulletin</i> , 2021, 170, 254-263.	1.4	21
20	Danggui-Shaoyao-San (DSS) Ameliorates Cerebral Ischemia-Reperfusion Injury via Activating SIRT1 Signaling and Inhibiting NADPH Oxidases. <i>Frontiers in Pharmacology</i> , 2021, 12, 653795.	1.6	19
21	Peroxynitrite activates NLRP3 inflammasome and contributes to hemorrhagic transformation and poor outcome in ischemic stroke with hyperglycemia. <i>Free Radical Biology and Medicine</i> , 2021, 165, 171-183.	1.3	16
22	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. <i>IScience</i> , 2019, 13, 82-97.	1.9	13
23	A Highly Selective and Sensitive Chemiluminescent Probe for Real-Time Monitoring of Hydrogen Peroxide in Cells and Animals. <i>Angewandte Chemie</i> , 2020, 132, 14432-14436.	1.6	13
24	Targeting ONOO ⁻ /HMGB1/MMP-9 Signaling Cascades: Potential for Drug Development from Chinese Medicine to Attenuate Ischemic Brain Injury and Hemorrhagic Transformation Induced by Thrombolytic Treatment. <i>Integrative Medicine International</i> , 2016, 3, 32-52.	0.6	8
25	Brain-wide neural dynamics of poststroke recovery induced by optogenetic stimulation. <i>Science Advances</i> , 2021, 7, .	4.7	8
26	Angong Niu Huang Wan reduces hemorrhagic transformation and mortality in ischemic stroke rats with delayed thrombolysis: involvement of peroxynitrite-mediated MMP-9 activation. <i>Chinese Medicine</i> , 2022, 17, 51.	1.6	7
27	HKOCI-4: a rhodol-based yellow fluorescent probe for the detection of hypochlorous acid in living cells and tissues. <i>Organic Chemistry Frontiers</i> , 2020, 7, 993-996.	2.3	6
28	Active compounds and molecular targets of Chinese herbal medicine for neurogenesis in stroke treatment: Implication for cross talk between Traditional Chinese Medicine and Biomedical Sciences. <i>World Journal of Traditional Chinese Medicine</i> , 2019, 5, 104.	0.9	3
29	Ischemic postconditioning for stroke treatment: current experimental advances and future directions. <i>Conditioning Medicine</i> , 2020, 3, 104-115.	1.3	1
30	Abstract P781: Ischemic Postconditioning Protects Against Hemorrhagic Transformation Induced by Hyperglycemia in Ischemic Stroke. <i>Stroke</i> , 2021, 52, .	1.0	0
31	Oxidative Stress and Antioxidant: What We Should Do for Brain Damage and Brain Repair and Its Implication in Stroke Treatment. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY40-1.	0.0	0
32	Brain-wide neural dynamics of post-stroke recovery induced by optogenetic stimulation. <i>Brain Stimulation</i> , 2021, 14, 1656.	0.7	0
33	Abstract WP249: Effect Of Acute Hyperglycemia On Stroke Outcome And Immune Response. <i>Stroke</i> , 2022, 53, .	1.0	0