

Hansen Chen

List of Publications by Year in descending order

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33
papers

1,368
citations

430874

18
h-index

454955

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.	2.8	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.	13.8	112
3	Targeting reactive nitrogen species: a promising therapeutic strategy for cerebral ischemia-reperfusion injury. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 67-77.	6.1	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.	7.1	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.	4.1	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.	4.2	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.	2.9	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.	4.0	63
9	Glycyrrhetic acid induces oxidative/nitrative 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.	2.9	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.	4.0	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.	4.2	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.	6.1	53
13	Pros and Cons of Current Approaches for Detecting Peroxynitrite and Their Applications. <i>Biomedical Journal</i> , 2014, 37, 120.	3.1	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.	3.9	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.	3.6	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.	2.9	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.	2.9	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.	3.3	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. Brain Research Bulletin, 2021, 170, 254-263.	3.0	21
20	Danggui-Shaoyao-San (DSS) Ameliorates Cerebral Ischemia-Reperfusion Injury via Activating SIRT1 Signaling and Inhibiting NADPH Oxidases. Frontiers in Pharmacology, 2021, 12, 653795.	3.5	19
21	Peroxynitrite activates NLRP3 inflammasome and contributes to hemorrhagic transformation and poor outcome in ischemic stroke with hyperglycemia. Free Radical Biology and Medicine, 2021, 165, 171-183.	2.9	16
22	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. IScience, 2019, 13, 82-97.	4.1	13
23	A Highly Selective and Sensitive Chemiluminescent Probe for Real-Time Monitoring of Hydrogen Peroxide in Cells and Animals. Angewandte Chemie, 2020, 132, 14432-14436.	2.0	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. Integrative Medicine International, 2016, 3, 32-52.	0.6	8
25	Brain-wide neural dynamics of poststroke recovery induced by optogenetic stimulation. Science Advances, 2021, 7, .	10.3	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. Chinese Medicine, 2022, 17, 51.	4.0	7
27	HKOCl-4: a rhodol-based yellow fluorescent probe for the detection of hypochlorous acid in living cells and tissues. Organic Chemistry Frontiers, 2020, 7, 993-996.	4.5	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. World Journal of Traditional Chinese Medicine, 2019, 5, 104.	1.9	3
29	Ischemic postconditioning for stroke treatment: current experimental advances and future directions. Conditioning Medicine, 2020, 3, 104-115.	1.3	1
30	Abstract P781: Ischemic Postconditioning Protects Against Hemorrhagic Transformation Induced by Hyperglycemia in Ischemic Stroke. Stroke, 2021, 52, .	2.0	0
31	Oxidative Stress and Antioxidant: What We Should Do for Brain Damage and Brain Repair and Its Implication in Stroke Treatment. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY40-1.	0.0	0
32	Brain-wide neural dynamics of post-stroke recovery induced by optogenetic stimulation. Brain Stimulation, 2021, 14, 1656.	1.6	0
33	Abstract WP249: Effect Of Acute Hyperglycemia On Stroke Outcome And Immune Response. Stroke, 2022, 53, .	2.0	0