

# Hansen Chen

## List of Publications by Year in descending order

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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	Abstract WP249: Effect Of Acute Hyperglycemia On Stroke Outcome And Immune Response. <i>Stroke</i> , 2022, 53, .	1.0	0
2	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
3	Abstract P781: Ischemic Postconditioning Protects Against Hemorrhagic Transformation Induced by Hyperglycemia in Ischemic Stroke. <i>Stroke</i> , 2021, 52, .	1.0	0
4	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
5	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
6	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
7	Brain-wide neural dynamics of poststroke recovery induced by optogenetic stimulation. <i>Science Advances</i> , 2021, 7, .	4.7	8
8	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.	1.3	63
9	Brain-wide neural dynamics of post-stroke recovery induced by optogenetic stimulation. <i>Brain Stimulation</i> , 2021, 14, 1656.	0.7	0
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Ischemic postconditioning for stroke treatment: current experimental advances and future directions. <i>Conditioning Medicine</i> , 2020, 3, 104-115.	1.3	1

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19	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
20	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. <i>iScience</i> , 2019, 13, 82-97.	1.9	13
21	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
22	Peroxynitrite enhances self-renewal, proliferation and neuronal differentiation of neural stem/progenitor cells through activating HIF-1 $\alpha$ and Wnt/ $\beta$ 2-catenin signaling pathway. <i>Free Radical Biology and Medicine</i> , 2018, 117, 158-167.	1.3	30
23	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 <sup>-</sup> -MMP-9 Pathway. <i>Translational Stroke Research</i> , 2018, 9, 515-529.	2.3	74
24	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
25	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
26	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
27	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
28	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
29	Targeting ONOO <sup>-</sup> /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
30	Peroxynitrite Decomposition Catalyst Reduces Delayed Thrombolysis-Induced Hemorrhagic Transformation in Ischemia-Reperfused Rat Brains. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 585-590.	1.9	34
31	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
32	Pros and Cons of Current Approaches for Detecting Peroxynitrite and Their Applications. <i>Biomedical Journal</i> , 2014, 37, 120.	1.4	38
33	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