

Feng Han

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

7,946
citations

21
h-index

79
g-index

79
ext. papers

9,097
ext. citations

7.9
avg, IF

4.5
L-index

#	Paper	IF	Citations
75	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
74	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
73	Visualizing peroxynitrite fluxes in endothelial cells reveals the dynamic progression of brain vascular injury. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12296-303	16.4	153
72	Combined NADPH and the NOX inhibitor apocynin provides greater anti-inflammatory and neuroprotective effects in a mouse model of stroke. <i>Free Radical Biology and Medicine</i> , 2017 , 104, 333-345	7.8	83
71	Regulation of the ischemia-induced autophagy-lysosome processes by nitrosative stress in endothelial cells. <i>Journal of Pineal Research</i> , 2011 , 51, 124-35	10.4	63
70	P2RX7 sensitizes Mac-1/ICAM-1-dependent leukocyte-endothelial adhesion and promotes neurovascular injury during septic encephalopathy. <i>Cell Research</i> , 2015 , 25, 674-90	24.7	56
69	Histamine H3 receptors aggravate cerebral ischaemic injury by histamine-independent mechanisms. <i>Nature Communications</i> , 2014 , 5, 3334	17.4	51
68	Enhanced efficiency of mitochondria-targeted peptide SS-31 for acute kidney injury by pH-responsive and AKI-kidney targeted nanopolyplexes. <i>Biomaterials</i> , 2019 , 211, 57-67	15.6	48
67	Nitrosative stress induces peroxiredoxin 1 ubiquitination during ischemic insult via E6AP activation in endothelial cells both in vitro and in vivo. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 1-16	8.4	46
66	Nitration of TRPM2 as a Molecular Switch Induces Autophagy During Brain Pericyte Injury. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 1297-1316	8.4	42
65	Endothelium-Derived Semaphorin 3G Regulates Hippocampal Synaptic Structure and Plasticity via Neuropilin-2/PlexinA4. <i>Neuron</i> , 2019 , 101, 920-937.e13	13.9	42
64	TIGAR alleviates ischemia/reperfusion-induced autophagy and ischemic brain injury. <i>Free Radical Biology and Medicine</i> , 2019 , 137, 13-23	7.8	40
63	Stimulation of Sigma-1 Receptor Ameliorates Depressive-like Behaviors in CaMKIV Null Mice. <i>Molecular Neurobiology</i> , 2015 , 52, 1210-1222	6.2	35
62	Programmable DNA repair with CRISPRa/i enhanced homology-directed repair efficiency with a single Cas9. <i>Cell Discovery</i> , 2018 , 4, 46	22.3	34
61	PPAR α Agonist Stimulated Angiogenesis by Improving Endothelial Precursor Cell Function Via a NLRP3 Inflammasome Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017 , 42, 2255-2266	3.9	32
60	Targeting nitrosative stress for neurovascular protection: new implications in brain diseases. <i>Current Drug Targets</i> , 2012 , 13, 272-84	3	31
59	In vivo two-photon fluorescence microscopy reveals disturbed cerebral capillary blood flow and increased susceptibility to ischemic insults in diabetic mice. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 816-22	6.8	30

58	Melatonin ameliorates ischemic-like injury-evoked nitrosative stress: Involvement of HtrA2/PED pathways in endothelial cells. <i>Journal of Pineal Research</i> , 2011 , 50, 281-91	10.4	30
57	Ischemia/reperfusion-induced upregulation of TIGAR in brain is mediated by SP1 and modulated by ROS and hormones involved in glucose metabolism. <i>Neurochemistry International</i> , 2015 , 80, 99-109	4.4	29
56	Somatic autophagy of axonal mitochondria in ischemic neurons. <i>Journal of Cell Biology</i> , 2019 , 218, 1891-1907	11.9	27
55	BNIP3L/NIX degradation leads to mitophagy deficiency in ischemic brains. <i>Autophagy</i> , 2021 , 17, 1934-1946.2	16.2	22
54	Human Neuropeptide S Receptor Is Activated via a G β Protein-biased Signaling Cascade by a Human Neuropeptide S Analog Lacking the C-terminal 10 Residues. <i>Journal of Biological Chemistry</i> , 2016 , 291, 7505-16	5.4	21
53	pH and Thermal Dual-Sensitive Nanoparticle-Mediated Synergistic Antitumor Effect of Immunotherapy and Microwave Thermotherapy. <i>Nano Letters</i> , 2019 , 19, 4949-4959	11.5	21
52	Melatonin ameliorates hypoglycemic stress-induced brain endothelial tight junction injury by inhibiting protein nitration of TP53-induced glycolysis and apoptosis regulator. <i>Journal of Pineal Research</i> , 2017 , 63, e12440	10.4	21
51	Endogenous level of TIGAR in brain is associated with vulnerability of neurons to ischemic injury. <i>Neuroscience Bulletin</i> , 2015 , 31, 527-40	4.3	19
50	Myt1l induced direct reprogramming of pericytes into cholinergic neurons. <i>CNS Neuroscience and Therapeutics</i> , 2018 , 24, 801-809	6.8	19
49	Inhibition of dystrophin breakdown and endothelial nitric-oxide synthase uncoupling accounts for cytoprotection by 3-[2-[4-(3-chloro-2-methylphenyl)-1-piperazinyl]ethyl]-5,6-dimethoxy-1-(4-imidazolylmethyl)-1H-indazole dihydrochloride 3.5 hydrate (DY-9760e) in left ventricular hypertrophied Mice. <i>Journal of</i>	4.7	18
48	Physicochemical-property guided design of a highly sensitive probe to image nitrosative stress in the pathology of stroke. <i>Chemical Science</i> , 2019 , 11, 281-289	9.4	17
47	Endothelial Cdk5 deficit leads to the development of spontaneous epilepsy through CXCL1/CXCR2-mediated reactive astrogliosis. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	15
46	Gut-brain axis: A matter of concern in neuropsychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 104, 110051	5.5	15
45	Cerebrovascular inflammation: A critical trigger for neurovascular injury?. <i>Neurochemistry International</i> , 2019 , 126, 165-177	4.4	14
44	Functional Genomic Analyses Identify Pathways Dysregulated in Animal Model of Autism. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 845-53	6.8	13
43	Cathepsin B inhibition ameliorates leukocyte-endothelial adhesion in the BTBR mouse model of autism. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 476-485	6.8	13
42	Reduced Nicotinamide Adenine Dinucleotide Phosphate Inhibits MPTP-Induced Neuroinflammation and Neurotoxicity. <i>Neuroscience</i> , 2018 , 391, 140-153	3.9	13
41	Autism spectrum disorder (ASD): Disturbance of the melatonin system and its implications. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 130, 110496	7.5	12

40	Targeted Regulation of Blood-Brain Barrier for Enhanced Therapeutic Efficiency of Hypoxia-Modifier Nanoparticles and Immune Checkpoint Blockade Antibodies for Glioblastoma. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 11657-11671	9.5	12
39	Role of pericyte-derived SENP1 in neuronal injury after brain ischemia. <i>CNS Neuroscience and Therapeutics</i> , 2020 , 26, 815-828	6.8	10
38	Endothelial GPR124 Exaggerates the Pathogenesis of Atherosclerosis by Activating Inflammation. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 547-557	3.9	10
37	SA4503, A Potent Sigma-1 Receptor Ligand, Ameliorates Synaptic Abnormalities and Cognitive Dysfunction in a Mouse Model of ATR-X Syndrome. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
36	GPR124 facilitates pericyte polarization and migration by regulating the formation of filopodia during ischemic injury. <i>Theranostics</i> , 2019 , 9, 5937-5955	12.1	9
35	Enhancement of ATP production ameliorates motor and cognitive impairments in a mouse model of MPTP-induced Parkinson's disease. <i>Neurochemistry International</i> , 2019 , 129, 104492	4.4	9
34	Functional coupling of Tmem74 and HCN1 channels regulates anxiety-like behavior in BLA neurons. <i>Molecular Psychiatry</i> , 2019 , 24, 1461-1477	15.1	9
33	BNGR-A25L and -A27 are two functional G protein-coupled receptors for CAPA periviscerokinin neuropeptides in the silkworm. <i>Journal of Biological Chemistry</i> , 2017 , 292, 16554-16570	5.4	9
32	State-of-the-art: functional fluorescent probes for bioimaging and pharmacological research. <i>Acta Pharmacologica Sinica</i> , 2019 , 40, 717-723	8	9
31	Effects of Low Doses of Ketamine on Pyramidal Neurons in Rat Prefrontal Cortex. <i>Neuroscience</i> , 2018 , 384, 178-187	3.9	8
30	Beta-amyloid accumulation in neurovascular units following brain embolism. <i>Journal of Pharmacological Sciences</i> , 2009 , 111, 101-9	3.7	8
29	Cholinergic Grb2-Associated-Binding Protein 1 Regulates Cognitive Function. <i>Cerebral Cortex</i> , 2018 , 28, 2391-2404	5.1	7
28	Alzheimer's disease therapeutic candidate SAK3 is an enhancer of T-type calcium channels. <i>Journal of Pharmacological Sciences</i> , 2019 , 139, 51-58	3.7	7
27	Oxymatrine ameliorates agomelatine-induced hepatocyte injury through promoting proteasome-mediated CHOP degradation. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 114, 108784	7.5	6
26	Corticosteroids Mediate Heart Failure-Induced Depression through Reduced β -Receptor Expression. <i>PLoS ONE</i> , 2016 , 11, e0163992	3.7	6
25	An ultra-large deformation bidirectional actuator based on a carbon nanotube/PDMS composite and a chitosan film. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7558-7565	7.3	6
24	Convenient preparation of sagittatoside B, a rare bioactive secondary flavonol glycoside, by recyclable and integrated biphasic enzymatic hydrolysis. <i>Enzyme and Microbial Technology</i> , 2019 , 121, 51-58	3.8	6
23	CRISPR-Sunspot: Imaging of endogenous low-abundance RNA at the single-molecule level in live cells. <i>Theranostics</i> , 2020 , 10, 10993-11012	12.1	5

22	Sequentially Activated Probe Design Strategy for Analyzing Metabolite Crosstalk in a Biochemical Cascade. <i>Analytical Chemistry</i> , 2020 , 92, 1409-1415	7.8	5
21	GRPr-mediated photothermal and thermodynamic dual-therapy for prostate cancer with synergistic anti-apoptosis mechanism. <i>Nanoscale</i> , 2021 , 13, 4249-4261	7.7	5
20	Endothelium-derived semaphorin 3G attenuates ischemic retinopathy by coordinating Eatenin-dependent vascular remodeling. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	5
19	Endothelial ErbB4 deficit induces alterations in exploratory behavior and brain energy metabolism in mice. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 510-517	6.8	4
18	Cerebral microvascular dysfunction and neurodegeneration in dementia. <i>Stroke and Vascular Neurology</i> , 2019 , 4, 105-107	9.1	4
17	Emerging mechanisms of valproic acid-induced neurotoxic events in autism and its implications for pharmacological treatment. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 137, 111322	7.5	4
16	Elucidation of the FKBP25-60S Ribosomal Protein L7a Stress Response Signaling During Ischemic Injury. <i>Cellular Physiology and Biochemistry</i> , 2018 , 47, 2018-2030	3.9	4
15	Identification of therapeutic drugs against COVID-19 through computational investigation on drug repurposing and structural modification. <i>Journal of Biomedical Research</i> , 2020 , 34, 458-469	1.5	3
14	One-electron reduction triggered nitric oxide release for ischemia-reperfusion protection. <i>Free Radical Biology and Medicine</i> , 2021 , 164, 13-19	7.8	2
13	Abnormal expression profile of plasma-derived exosomal microRNAs in patients with treatment-resistant depression. <i>Human Genomics</i> , 2021 , 15, 55	6.8	2
12	Selective inhibition of Tmem74 expression in BLA pyramidal neurons. <i>Molecular Psychiatry</i> , 2019 , 24, 1399-1399	15.1	1
11	Fatty Acid-Binding Proteins Aggravate Cerebral Ischemia-Reperfusion Injury in Mice. <i>Biomedicines</i> , 2021 , 9,	4.8	1
10	A novel method for automatic pharmacological evaluation of sucrose preference change in depression mice. <i>Pharmacological Research</i> , 2021 , 168, 105601	10.2	1
9	Effect of low-dose Levamlodipine Besylate in the treatment of vascular dementia. <i>Scientific Reports</i> , 2019 , 9, 18248	4.9	1
8	New application of an old drug proparacaine in treating epilepsy via liposomal hydrogel formulation. <i>Pharmacological Research</i> , 2021 , 169, 105636	10.2	1
7	Endothelial peroxynitrite causes disturbance of neuronal oscillations by targeting caspase-1 in the arcuate nucleus. <i>Redox Biology</i> , 2021 , 47, 102147	11.3	1
6	H ₂ O ₂ Self-Supplementing and GSH-Depleting Nanoreactors Based on MoO ₃ @Fe ₃ O ₄ -GOD-PVP for Photothermally Reinforced Nanocatalytic Cancer Therapy at the Second Near-Infrared Biowindow. <i>ACS Sustainable Chemistry and Engineering</i> ,	8.3	1
5	The glymphatic system delivery enhances the transduction efficiency of AAV1 to brain endothelial cells in adult mice. <i>Journal of Neuroscience Methods</i> , 2019 , 328, 108441	3	0

4	The efficacy of gabapentin combined with opioids for neuropathic cancer pain: a meta-analysis.. <i>Translational Cancer Research</i> , 2021 , 10, 637-644	0.3	○
3	Endothelium-derived Cdk5 deficit aggravates air pollution-induced peripheral vasoconstriction through ATR upregulation. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 219, 112314	7	○
2	Histamine H1 Receptor in Basal Forebrain Cholinergic Circuit: A Novel Target for the Negative Symptoms of Schizophrenia?. <i>Neuroscience Bulletin</i> , 2021 , 38, 558	4.3	○
1	DAPT decreases the permeability of the BBB by reducing the ubiquitination and degradation of occludin during permanent brain ischemia. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046353	1.2	○