

Zhong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

247
papers

13,866
citations

46918

47
h-index

29081

104
g-index

271
all docs

271
docs citations

271
times ranked

23968
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Cerebral ischemia-reperfusion-induced autophagy protects against neuronal injury by mitochondrial clearance. <i>Autophagy</i> , 2013, 9, 1321-1333.	4.3	416
3	The Spatial and Cell-Type Distribution of SARS-CoV-2 Receptor ACE2 in the Human and Mouse Brains. <i>Frontiers in Neurology</i> , 2020, 11, 573095.	1.1	350
4	Troglitazone Inhibits Atherosclerosis in Apolipoprotein Eâ€œKnockout Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 372-377.	1.1	327
5	Endoplasmic reticulum stress induced by tunicamycin and thapsigargin protects against transient ischemic brain injury. <i>Autophagy</i> , 2014, 10, 1801-1813.	4.3	204
6	BNIP3L/NIX-mediated mitophagy protects against ischemic brain injury independent of PARK2. <i>Autophagy</i> , 2017, 13, 1754-1766.	4.3	183
7	Phenolic-enabled nanotechnology: versatile particle engineering for biomedicine. <i>Chemical Society Reviews</i> , 2021, 50, 4432-4483.	18.7	163
8	Neuregulin 1 regulates excitability of fast-spiking neurons through Kv1.1 and acts in epilepsy. <i>Nature Neuroscience</i> , 2012, 15, 267-273.	7.1	144
9	Selective Activation of Cholinergic Basal Forebrain Neurons Induces Immediate Sleep-wake Transitions. <i>Current Biology</i> , 2014, 24, 693-698.	1.8	121
10	Tau accumulation impairs mitophagy <i>via</i> increasing mitochondrial membrane potential and reducing mitochondrial Parkin. <i>Oncotarget</i> , 2016, 7, 17356-17368.	0.8	113
11	An update for epilepsy research and antiepileptic drug development: Toward precise circuit therapy. , 2019, 201, 77-93.		102
12	Angiopepâ€œConjugated Electroâ€œResponsive Hydrogel Nanoparticles: Therapeutic Potential for Epilepsy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12436-12440.	7.2	101
13	Depolarized GABAergic Signaling in Subicular Microcircuits Mediates Generalized Seizure in Temporal Lobe Epilepsy. <i>Neuron</i> , 2017, 95, 92-105.e5.	3.8	97
14	Postnatal activation of TLR4 in astrocytes promotes excitatory synaptogenesis in hippocampal neurons. <i>Journal of Cell Biology</i> , 2016, 215, 719-734.	2.3	94
15	The roles of histamine and its receptor ligands in central nervous system disorders: An update. , 2017, 175, 116-132.		93
16	Amyloid β oligomers suppress excitatory transmitter release via presynaptic depletion of phosphatidylinositol-4,5-bisphosphate. <i>Nature Communications</i> , 2019, 10, 1193.	5.8	92
17	CRL4ACRBN E3 ubiquitin ligase restricts BK channel activity and prevents epileptogenesis. <i>Nature Communications</i> , 2014, 5, 3924.	5.8	91
18	Therapeutic potential of an anti-high mobility group box-1 monoclonal antibody in epilepsy. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 308-319.	2.0	90

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19	PARK2-dependent mitophagy induced by acidic postconditioning protects against focal cerebral ischemia and extends the reperfusion window. <i>Autophagy</i> , 2017, 13, 473-485.	4.3	89
20	Carnosine protects against permanent cerebral ischemia in histidine decarboxylase knockout mice by reducing glutamate excitotoxicity. <i>Free Radical Biology and Medicine</i> , 2010, 48, 727-735.	1.3	83
21	A sensitive and specific nanosensor for monitoring extracellular potassium levels in the brain. <i>Nature Nanotechnology</i> , 2020, 15, 321-330.	15.6	83
22	Parabrachial nucleus circuit governs neuropathic pain-like behavior. <i>Nature Communications</i> , 2020, 11, 5974.	5.8	78
23	Urolithin A-activated autophagy but not mitophagy protects against ischemic neuronal injury by inhibiting ER stress in vitro and in vivo. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 976-986.	1.9	76
24	BNIP3L/NIX degradation leads to mitophagy deficiency in ischemic brains. <i>Autophagy</i> , 2021, 17, 1934-1946.	4.3	75
25	Activation of CysLT receptors induces astrocyte proliferation and death after oxygen-glucose deprivation. <i>Glia</i> , 2008, 56, 27-37.	2.5	74
26	Ophiopogonin D Attenuates Doxorubicin-Induced Autophagic Cell Death by Relieving Mitochondrial Damage In Vitro and In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 166-174.	1.3	72
27	Role of Histamine and Its Receptors in Cerebral Ischemia. <i>ACS Chemical Neuroscience</i> , 2012, 3, 238-247.	1.7	68
28	Pranlukast, a cysteinyl leukotriene receptor-1 antagonist, protects against chronic ischemic brain injury and inhibits the glial scar formation in mice. <i>Brain Research</i> , 2005, 1053, 116-125.	1.1	67
29	TIGAR alleviates ischemia/reperfusion-induced autophagy and ischemic brain injury. <i>Free Radical Biology and Medicine</i> , 2019, 137, 13-23.	1.3	67
30	Central Nervous System Involvement in ANCA-Associated Vasculitis: What Neurologists Need to Know. <i>Frontiers in Neurology</i> , 2018, 9, 1166.	1.1	67
31	A disinhibitory nigra-parafascicular pathway amplifies seizure in temporal lobe epilepsy. <i>Nature Communications</i> , 2020, 11, 923.	5.8	67
32	Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1141-1150.	9.4	66
33	Inhibition of G Protein-Coupled Receptor 81 (GPR81) Protects Against Ischemic Brain Injury. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 271-279.	1.9	65
34	Carnosine protects against NMDA-induced neurotoxicity in differentiated rat PC12 cells through carnosine-histidine-histamine pathway and H1/H3 receptors. <i>Biochemical Pharmacology</i> , 2007, 73, 709-717.	2.0	62
35	Histamine H3 receptors aggravate cerebral ischaemic injury by histamine-independent mechanisms. <i>Nature Communications</i> , 2014, 5, 3334.	5.8	62
36	Effects of Intracerebroventricular Injection of \pm -Fluoromethylhistidine on Radial Maze Performance in Rats. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 64, 513-518.	1.3	61

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37	Chemical kindling induced by pentylentetrazol in histamine H1 receptor gene knockout mice (H1KO), histidine decarboxylase-deficient mice (HDC ^{-/-}) and mast cell-deficient W/W ^v mice. <i>Brain Research</i> , 2003, 968, 162-166.	1.1	60
38	Protective Effect of Carnosine on Subcortical Ischemic Vascular Dementia in Mice. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 745-753.	1.9	60
39	Histamine up-regulates astrocytic glutamate transporter 1 and protects neurons against ischemic injury. <i>Neuropharmacology</i> , 2014, 77, 156-166.	2.0	60
40	Somatic autophagy of axonal mitochondria in ischemic neurons. <i>Journal of Cell Biology</i> , 2019, 218, 1891-1907.	2.3	58
41	The Role of VE-cadherin in Blood-brain Barrier Integrity Under Central Nervous System Pathological Conditions. <i>Current Neuropharmacology</i> , 2018, 16, 1375-1384.	1.4	58
42	Wide therapeutic time-window of low-frequency stimulation at the subiculum for temporal lobe epilepsy treatment in rats. <i>Neurobiology of Disease</i> , 2012, 48, 20-26.	2.1	57
43	Activation of the Central Histaminergic System is Involved in Hypoxia-Induced Stroke Tolerance in Adult Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 305-314.	2.4	56
44	The protective role of isorhamnetin on human brain microvascular endothelial cells from cytotoxicity induced by methylglyoxal and oxygen-glucose deprivation. <i>Journal of Neurochemistry</i> , 2016, 136, 651-659.	2.1	56
45	Treatment of rheumatoid arthritis with combination of methotrexate and Tripterygium wilfordii: A meta-analysis. <i>Life Sciences</i> , 2017, 171, 45-50.	2.0	56
46	Transient increase of interleukin-1 β after prolonged febrile seizures promotes adult epileptogenesis through long-lasting upregulating endocannabinoid signaling. <i>Scientific Reports</i> , 2016, 6, 21931.	1.6	55
47	Direct Septum-Hippocampus Cholinergic Circuit Attenuates Seizure Through Driving Somatostatin Inhibition. <i>Biological Psychiatry</i> , 2020, 87, 843-856.	0.7	55
48	Effect of the histamine H3-antagonist clobenpropit on spatial memory deficits induced by MK-801 as evaluated by radial maze in Sprague-Dawley rats. <i>Behavioural Brain Research</i> , 2004, 151, 287-293.	1.2	54
49	Mesoporous polydopamine with built-in plasmonic core: Traceable and NIR triggered delivery of functional proteins. <i>Biomaterials</i> , 2020, 238, 119847.	5.7	54
50	Oxygen-Glucose Deprivation Induced Glial Scar-Like Change in Astrocytes. <i>PLoS ONE</i> , 2012, 7, e37574.	1.1	52
51	Loss of MeCP2 in cholinergic neurons causes part of RTT-like phenotypes via β 7 receptor in hippocampus. <i>Cell Research</i> , 2016, 26, 728-742.	5.7	51
52	Mitochondrial transport serves as a mitochondrial quality control strategy in axons: Implications for central nervous system disorders. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 876-886.	1.9	51
53	Histidine provides long-term neuroprotection after cerebral ischemia through promoting astrocyte migration. <i>Scientific Reports</i> , 2015, 5, 15356.	1.6	50
54	Combination of NAD ⁺ and NADPH Offers Greater Neuroprotection in Ischemic Stroke Models by Relieving Metabolic Stress. <i>Molecular Neurobiology</i> , 2018, 55, 6063-6075.	1.9	50

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55	Structural basis of GABAB receptor-Gi protein coupling. <i>Nature</i> , 2021, 594, 594-598.	13.7	50
56	The histamine H3 receptor antagonist clobenpropit enhances GABA release to protect against NMDA-induced excitotoxicity through the cAMP/protein kinase A pathway in cultured cortical neurons. <i>European Journal of Pharmacology</i> , 2007, 563, 117-123.	1.7	49
57	Carnosine Protects Against A β 242-induced Neurotoxicity in Differentiated Rat PC12 Cells. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 307-316.	1.7	49
58	Peptide modified mesenchymal stem cells as targeting delivery system transfected with miR-133b for the treatment of cerebral ischemia. <i>International Journal of Pharmaceutics</i> , 2017, 531, 90-100.	2.6	48
59	Interleukin-1 β impedes oligodendrocyte progenitor cell recruitment and white matter repair following chronic cerebral hypoperfusion. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 93-105.	2.0	48
60	Improved learning and memory of contextual fear conditioning and hippocampal CA1 long-term potentiation in histidine decarboxylase knock-out mice. <i>Hippocampus</i> , 2007, 17, 634-641.	0.9	46
61	Electroresponsive Nanoparticles Improve Antiseizure Effect of Phenytoin in Generalized Tonic-Clonic Seizures. <i>Neurotherapeutics</i> , 2016, 13, 603-613.	2.1	45
62	Natural compounds modulate the autophagy with potential implication of stroke. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1708-1720.	5.7	45
63	Low-frequency stimulation of the hippocampal CA3 subfield is anti-epileptogenic and anti-ictogenic in rat amygdaloid kindling model of epilepsy. <i>Neuroscience Letters</i> , 2009, 455, 51-55.	1.0	44
64	Regulation of mitophagy in ischemic brain injury. <i>Neuroscience Bulletin</i> , 2015, 31, 395-406.	1.5	44
65	Low-frequency stimulation in anterior nucleus of thalamus alleviates kainate-induced chronic epilepsy and modulates the hippocampal EEG rhythm. <i>Experimental Neurology</i> , 2016, 276, 22-30.	2.0	44
66	Pharmaco-genetic therapeutics targeting parvalbumin neurons attenuate temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2018, 117, 149-160.	2.1	44
67	Effects of Endogenous Histamine on Seizure Development of Pentylentetrazole-Induced Kindling in Rats. <i>Pharmacology</i> , 2003, 69, 27-32.	0.9	43
68	Effects of dexmedetomidine on the release of glial cell line-derived neurotrophic factor from rat astrocyte cells. <i>Neurochemistry International</i> , 2011, 58, 549-557.	1.9	43
69	Familial paroxysmal kinesigenic dyskinesia is associated with mutations in the KCNA1 gene. <i>Human Molecular Genetics</i> , 2018, 27, 625-637.	1.4	43
70	BNIP3L/NIX-mediated mitophagy: molecular mechanisms and implications for human disease. <i>Cell Death and Disease</i> , 2022, 13, 14.	2.7	43
71	Role of gap junctions in epilepsy. <i>Neuroscience Bulletin</i> , 2011, 27, 389-406.	1.5	42
72	Entorhinal Principal Neurons Mediate Brain-stimulation Treatments for Epilepsy. <i>EBioMedicine</i> , 2016, 14, 148-160.	2.7	42

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73	Carnosine, a precursor of histidine, ameliorates pentylenetetrazole-induced kindled seizures in rat. <i>Neuroscience Letters</i> , 2006, 400, 146-149.	1.0	41
74	Time-dependent effect of low-frequency stimulation on amygdaloid-kindling seizures in rats. <i>Neurobiology of Disease</i> , 2008, 31, 74-79.	2.1	41
75	Interictal ripples nested in epileptiform discharge help to identify the epileptogenic zone in neocortical epilepsy. <i>Clinical Neurophysiology</i> , 2017, 128, 945-951.	0.7	41
76	Histamine protects against NMDA-induced necrosis in cultured cortical neurons through H2receptor/cyclic AMP/protein kinase A and H3receptor/GABA release pathways. <i>Journal of Neurochemistry</i> , 2006, 96, 1390-1400.	2.1	40
77	A Novel Neuroprotective Strategy for Ischemic Stroke: Transient Mild Acidosis Treatment by CO ₂ Inhalation at Reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 275-283.	2.4	40
78	Early treatment of minocycline alleviates white matter and cognitive impairments after chronic cerebral hypoperfusion. <i>Scientific Reports</i> , 2015, 5, 12079.	1.6	40
79	Postconditioning-induced neuroprotection, mechanisms and applications in cerebral ischemia. <i>Neurochemistry International</i> , 2017, 107, 43-56.	1.9	40
80	Effects of histidine, a precursor of histamine, on pentylenetetrazole-induced seizures in rats. <i>Acta Pharmacologica Sinica</i> , 2002, 23, 361-6.	2.8	40
81	A benchmarking study of SARS-CoV-2 whole-genome sequencing protocols using COVID-19 patient samples. <i>IScience</i> , 2021, 24, 102892.	1.9	39
82	Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1151-1160.	9.4	39
83	Involvement of brain endogenous histamine in the degeneration of dopaminergic neurons in 6-hydroxydopamine-lesioned rats. <i>Neuropharmacology</i> , 2007, 53, 832-841.	2.0	38
84	Generation of Febrile Seizures and Subsequent Epileptogenesis. <i>Neuroscience Bulletin</i> , 2016, 32, 481-492.	1.5	38
85	TIGAR inhibits ischemia/reperfusion-induced inflammatory response of astrocytes. <i>Neuropharmacology</i> , 2018, 131, 377-388.	2.0	38
86	Expression changes of hippocampal energy metabolism enzymes contribute to behavioural abnormalities during chronic morphine treatment. <i>Cell Research</i> , 2007, 17, 689-700.	5.7	37
87	Low-frequency stimulation of cerebellar fastigial nucleus inhibits amygdaloid kindling acquisition in Sprague-Dawley rats. <i>Neurobiology of Disease</i> , 2008, 29, 52-58.	2.1	37
88	Pre-stroke Metformin Treatment is Neuroprotective Involving AMPK Reduction. <i>Neurochemical Research</i> , 2016, 41, 2719-2727.	1.6	37
89	Activation of the Intrinsic Pain Inhibitory Circuit from the Midcingulate Cg2 to Zona Incerta Alleviates Neuropathic Pain. <i>Journal of Neuroscience</i> , 2019, 39, 9130-9144.	1.7	37
90	Endothelial Cdk5 deficit leads to the development of spontaneous epilepsy through CXCL1/CXCR2-mediated reactive astrogliosis. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	37

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91	G6PD plays a neuroprotective role in brain ischemia through promoting pentose phosphate pathway. <i>Free Radical Biology and Medicine</i> , 2017, 112, 433-444.	1.3	36
92	Carnosine decreased neuronal cell death through targeting glutamate system and astrocyte mitochondrial bioenergetics in cultured neuron/astrocyte exposed to OGD/recovery. <i>Brain Research Bulletin</i> , 2016, 124, 76-84.	1.4	35
93	Subicular pyramidal neurons gate drug resistance in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2019, 86, 626-640.	2.8	35
94	Therapeutic time window of low-frequency stimulation at entorhinal cortex for amygdaloid kindling seizures in rats. <i>Epilepsia</i> , 2010, 51, 1861-1864.	2.6	34
95	Anterior thalamic nucleus stimulation modulates regional cerebral metabolism: An FDG-MicroPET study in rats. <i>Neurobiology of Disease</i> , 2009, 34, 477-483.	2.1	33
96	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.	3.4	33
97	A synergistic optical strategy for enhanced deep-tumor penetration and therapy in the second near-infrared window. <i>Materials Horizons</i> , 2020, 7, 2929-2935.	6.4	33
98	Interleukin-1 receptor is a target for adjunctive control of diazepam-refractory status epilepticus in mice. <i>Neuroscience</i> , 2016, 328, 22-29.	1.1	32
99	Microglial Displacement of GABAergic Synapses Is a Protective Event during Complex Febrile Seizures. <i>Cell Reports</i> , 2020, 33, 108346.	2.9	32
100	Carnosine inhibits pentylenetetrazol-induced seizures by histaminergic mechanisms in histidine decarboxylase knock-out mice. <i>Neuroscience Letters</i> , 2007, 416, 211-216.	1.0	31
101	Lumbar vertebral endplate defects on magnetic resonance images: prevalence, distribution patterns, and associations with back pain. <i>Spine Journal</i> , 2020, 20, 352-360.	0.6	31
102	Effects of clobenpropit on pentylenetetrazole-kindled seizures in rats. <i>European Journal of Pharmacology</i> , 2003, 482, 169-175.	1.7	30
103	HMGB1 Is a Therapeutic Target and Biomarker in Diazepam-Refractory Status Epilepticus with Wide Time Window. <i>Neurotherapeutics</i> , 2020, 17, 710-721.	2.1	30
104	The Efficacy and Safety of Leflunomide for the Treatment of Lupus Nephritis in Chinese Patients: Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0144548.	1.1	29
105	Localized shape abnormalities in the thalamus and pallidum are associated with secondarily generalized seizures in mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2017, 70, 259-264.	0.9	29
106	Double-edged GABAergic synaptic transmission in seizures: The importance of chloride plasticity. <i>Brain Research</i> , 2018, 1701, 126-136.	1.1	29
107	Role of Corticotropin Releasing Factor in the Neuroimmune Mechanisms of Depression: Examination of Current Pharmaceutical and Herbal Therapies. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 290.	1.8	29
108	Alterations in the hippocampal-thalamic pathway underlying secondarily generalized tonic-clonic seizures in mesial temporal lobe epilepsy: A diffusion tensor imaging study. <i>Epilepsia</i> , 2019, 60, 121-130.	2.6	29

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109	A rare case of concomitant cervical disc herniation and intradural meningioma treated with one-stage posterior surgery. <i>European Spine Journal</i> , 2018, 27, 426-430.	1.0	28
110	Histamine H1 Receptors in Neural Stem Cells Are Required for the Promotion of Neurogenesis Conferred by H3 Receptor Antagonism following Traumatic Brain Injury. <i>Stem Cell Reports</i> , 2019, 12, 532-544.	2.3	28
111	Melatonin receptor agonist ramelteon attenuates mouse acute and chronic ischemic brain injury. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1016-1024.	2.8	28
112	Apomorphine-induced turning behavior in 6-hydroxydopamine lesioned rats is increased by histidine and decreased by histidine decarboxylase, histamine H1 and H2 receptor antagonists, and an H3 receptor agonist. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 325-330.	1.3	27
113	Subicular Caspase-1 Contributes to Pharmacoresistance in Temporal Lobe Epilepsy. <i>Annals of Neurology</i> , 2021, 90, 377-390.	2.8	27
114	Nanoengineered on-demand drug delivery system improves efficacy of pharmacotherapy for epilepsy. <i>Science Advances</i> , 2022, 8, eabm3381.	4.7	27
115	Effect of cerebral ischemia on brain mast cells in rats. <i>Brain Research</i> , 2004, 1019, 275-280.	1.1	26
116	Low-frequency stimulation of the tuberomammillary nucleus facilitates electrical amygdaloid-kindling acquisition in Sprague-Dawley rats. <i>Neurobiology of Disease</i> , 2008, 32, 151-156.	2.1	26
117	The piriform cortex in epilepsy: What we learn from the kindling model. <i>Experimental Neurology</i> , 2020, 324, 113137.	2.0	26
118	Structure-based discovery of CZL80, a caspase-1 inhibitor with therapeutic potential for febrile seizures and later enhanced epileptogenic susceptibility. <i>British Journal of Pharmacology</i> , 2020, 177, 3519-3534.	2.7	26
119	Pharmacological effects of carbinine on histaminergic neurons in the brain. <i>British Journal of Pharmacology</i> , 2004, 143, 573-580.	2.7	25
120	Mode-dependent effect of low-frequency stimulation targeting the hippocampal CA3 subfield on amygdala-kindled seizures in rats. <i>Epilepsy Research</i> , 2010, 90, 83-90.	0.8	25
121	Low-frequency stimulation inhibits epileptogenesis by modulating the early network of the limbic system as evaluated in amygdala kindling model. <i>Brain Structure and Function</i> , 2014, 219, 1685-1696.	1.2	24
122	Blocking GluN2B subunits reverses the enhanced seizure susceptibility after prolonged febrile seizures with a wide therapeutic time-window. <i>Experimental Neurology</i> , 2016, 283, 29-38.	2.0	24
123	Reorganization of anterior and posterior hippocampal networks associated with memory performance in mesial temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2017, 128, 830-838.	0.7	24
124	Hierarchy Graph Convolution Network and Tree Classification for Epileptic Detection on Electroencephalography Signals. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021, 13, 955-968.	2.6	24
125	Low-frequency Stimulation at the Subiculum is Anti-convulsant and Anti-drug-resistant in a Mouse Model of Lamotrigine-resistant Temporal Lobe Epilepsy. <i>Neuroscience Bulletin</i> , 2020, 36, 654-658.	1.5	24
126	Polarity-dependent effect of low-frequency stimulation on amygdaloid kindling in rats. <i>Brain Stimulation</i> , 2013, 6, 190-197.	0.7	23

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127	A Transient Upregulation of Glutamine Synthetase in the Dentate Gyrus Is Involved in Epileptogenesis Induced by Amygdala Kindling in the Rat. <i>PLoS ONE</i> , 2013, 8, e66885.	1.1	23
128	Histamine Upregulates Nav1.8 Expression in Primary Afferent Neurons via H ₂ Receptors: Involvement in Neuropathic Pain. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 883-892.	1.9	23
129	Cholinergic Signaling, Neural Excitability, and Epilepsy. <i>Molecules</i> , 2021, 26, 2258.	1.7	23
130	Deep brain stimulation in the medial septum attenuates temporal lobe epilepsy via entrainment of hippocampal theta rhythm. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 577-586.	1.9	23
131	Advanced drug delivery system against ischemic stroke. <i>Journal of Controlled Release</i> , 2022, 344, 173-201.	4.8	23
132	Neuroprotective effect of carnosine on necrotic cell death in PC12 cells. <i>Neuroscience Letters</i> , 2007, 414, 145-149.	1.0	22
133	erbB4 Deficits in Chandelier Cells of the Medial Prefrontal Cortex Confer Cognitive Dysfunctions: Implications for Schizophrenia. <i>Cerebral Cortex</i> , 2019, 29, 4334-4346.	1.6	22
134	Evaluation of sphingolipids changes in brain tissues of rats with pentylenetetrazol-induced kindled seizures using MALDI-TOF-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 859, 170-177.	1.2	21
135	Histamine Promotes Locomotion Recovery After Spinal Cord Hemisection <i>via</i> Inhibiting Astrocytic Scar Formation. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 454-462.	1.9	21
136	Tetradecyl 2,3-dihydroxybenzoate alleviates oligodendrocyte damage following chronic cerebral hypoperfusion through IGF-1 receptor. <i>Neurochemistry International</i> , 2020, 138, 104749.	1.9	21
137	Histamine H1 receptor deletion in cholinergic neurons induces sensorimotor gating ability deficit and social impairments in mice. <i>Nature Communications</i> , 2021, 12, 1142.	5.8	21
138	Effects of histamine on spontaneous neuropathic pain induced by peripheral axotomy. <i>Neuroscience Bulletin</i> , 2013, 29, 261-269.	1.5	20
139	Widespread pain sensitization after partial infraorbital nerve transection in MRL/MPJ mice. <i>Pain</i> , 2016, 157, 740-749.	2.0	20
140	Syntaxin 17 inhibits ischemic neuronal injury by resuming autophagy flux and ameliorating endoplasmic reticulum stress. <i>Free Radical Biology and Medicine</i> , 2020, 160, 319-333.	1.3	20
141	Reversal of scopolamine-induced spatial memory deficits in rats by TAK-147. <i>Acta Pharmacologica Sinica</i> , 2002, 23, 355-60.	2.8	20
142	The SEQC2 epigenomics quality control (EpiQC) study. <i>Genome Biology</i> , 2021, 22, 332.	3.8	20
143	Histidine enhances carbamazepine action against seizures and improves spatial memory deficits induced by chronic transauricular kindling in rats ¹ . <i>Acta Pharmacologica Sinica</i> , 2005, 26, 1297-1302.	2.8	19
144	Chronic H ₂ Antihistamine Treatment Increases Seizure Susceptibility After Withdrawal by Impairing Glutamine Synthetase. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 683-690.	1.9	19

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145	Targeting endothelin receptors A and B attenuates the inflammatory response and improves locomotor function following spinal cord injury in mice. <i>International Journal of Molecular Medicine</i> , 2014, 34, 74-82.	1.8	19
146	AMELIORATIVE EFFECTS OF HISTAMINE ON SPATIAL MEMORY DEFICITS INDUCED BY SCOPOLAMINE INFUSION INTO BILATERAL DORSAL OR VENTRAL HIPPOCAMPUS AS EVALUATED BY THE RADIAL ARM MAZE TASK. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 816-821.	0.9	18
147	Reduced Nicotinamide Adenine Dinucleotide Phosphate Inhibits MPTP-Induced Neuroinflammation and Neurotoxicity. <i>Neuroscience</i> , 2018, 391, 140-153.	1.1	18
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