

Zhong Chen

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.

241
papers

9,787
citations

40
h-index

92
g-index

271
ext. papers

11,937
ext. citations

7.7
avg, IF

5.87
L-index

#	Paper	IF	Citations
241	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
240	Cerebral ischemia-reperfusion-induced autophagy protects against neuronal injury by mitochondrial clearance. <i>Autophagy</i> , 2013 , 9, 1321-33	10.2	329
239	Troglitazone inhibits atherosclerosis in apolipoprotein E-knockout mice: pleiotropic effects on CD36 expression and HDL. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 372-7	9.4	301
238	Endoplasmic reticulum stress induced by tunicamycin and thapsigargin protects against transient ischemic brain injury: Involvement of PARK2-dependent mitophagy. <i>Autophagy</i> , 2014 , 10, 1801-13	10.2	157
237	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	4.1	148
236	BNIP3L/NIX-mediated mitophagy protects against ischemic brain injury independent of PARK2. <i>Autophagy</i> , 2017 , 13, 1754-1766	10.2	124
235	Neuregulin 1 regulates excitability of fast-spiking neurons through Kv1.1 and acts in epilepsy. <i>Nature Neuroscience</i> , 2011 , 15, 267-73	25.5	114
234	Selective activation of cholinergic basal forebrain neurons induces immediate sleep-wake transitions. <i>Current Biology</i> , 2014 , 24, 693-8	6.3	89
233	Carnosine protects against permanent cerebral ischemia in histidine decarboxylase knockout mice by reducing glutamate excitotoxicity. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 727-35	7.8	74
232	Tau accumulation impairs mitophagy via increasing mitochondrial membrane potential and reducing mitochondrial Parkin. <i>Oncotarget</i> , 2016 , 7, 17356-68	3.3	74
231	Activation of CysLT receptors induces astrocyte proliferation and death after oxygen-glucose deprivation. <i>Glia</i> , 2008 , 56, 27-37	9	71
230	CRL4A(CRBN) E3 ubiquitin ligase restricts BK channel activity and prevents epileptogenesis. <i>Nature Communications</i> , 2014 , 5, 3924	17.4	70
229	Postnatal activation of TLR4 in astrocytes promotes excitatory synaptogenesis in hippocampal neurons. <i>Journal of Cell Biology</i> , 2016 , 215, 719-734	7.3	67
228	The spatial and cell-type distribution of SARS-CoV-2 receptor ACE2 in human and mouse brain		65
227	PARK2-dependent mitophagy induced by acidic postconditioning protects against focal cerebral ischemia and extends the reperfusion window. <i>Autophagy</i> , 2017 , 13, 473-485	10.2	64
226	The roles of histamine and its receptor ligands in central nervous system disorders: An update. <i>Pharmacology & Therapeutics</i> , 2017 , 175, 116-132	13.9	63
225	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, 116-25	3.7	63

224	Therapeutic potential of an anti-high mobility group box-1 monoclonal antibody in epilepsy. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 308-319	16.6	60
223	Carnosine protects against NMDA-induced neurotoxicity in differentiated rat PC12 cells through carnosine-histidine-histamine pathway and H(1)/H(3) receptors. <i>Biochemical Pharmacology</i> , 2007 , 73, 709-17	6	60
222	Effects of intracerebroventricular injection of alpha-fluoromethylhistidine on radial maze performance in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1999 , 64, 513-8	3.9	58
221	Phenolic-enabled nanotechnology: versatile particle engineering for biomedicine. <i>Chemical Society Reviews</i> , 2021 , 50, 4432-4483	58.5	58
220	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, 166-74	4.7	55
219	Angiopep-conjugated electro-responsive hydrogel nanoparticles: therapeutic potential for epilepsy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12436-40	16.4	54
218	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, 305-14	7.3	54
217	Depolarized GABAergic Signaling in Subicular Microcircuits Mediates Generalized Seizure in Temporal Lobe Epilepsy. <i>Neuron</i> , 2017 , 95, 92-105.e5	13.9	53
216	Protective effect of carnosine on subcortical ischemic vascular dementia in mice. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 745-53	6.8	53
215	Role of histamine and its receptors in cerebral ischemia. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 238-47	5.7	53
214	Amyloid β oligomers suppress excitatory transmitter release via presynaptic depletion of phosphatidylinositol-4,5-bisphosphate. <i>Nature Communications</i> , 2019 , 10, 1193	17.4	52
213	Histamine up-regulates astrocytic glutamate transporter 1 and protects neurons against ischemic injury. <i>Neuropharmacology</i> , 2014 , 77, 156-66	5.5	52
212	Chemical kindling induced by pentylene tetrazol in histamine H(1) receptor gene knockout mice (H(1)KO), histidine decarboxylase-deficient mice (HDC(-/-)) and mast cell-deficient W/W(v) mice. <i>Brain Research</i> , 2003 , 968, 162-6	3.7	52
211	An update for epilepsy research and antiepileptic drug development: Toward precise circuit therapy. <i>Pharmacology & Therapeutics</i> , 2019 , 201, 77-93	13.9	51
210	Histamine H3 receptors aggravate cerebral ischaemic injury by histamine-independent mechanisms. <i>Nature Communications</i> , 2014 , 5, 3334	17.4	51
209	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, 287-93	3.4	46
208	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	6.8	43
207	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	4.9	43

206	A sensitive and specific nanosensor for monitoring extracellular potassium levels in the brain. <i>Nature Nanotechnology</i> , 2020 , 15, 321-330	28.7	42
205	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, 20-6	7.5	42
204	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, 634-41	3.5	41
203	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, 117-23	5.3	41
202	TIGAR alleviates ischemia/reperfusion-induced autophagy and ischemic brain injury. <i>Free Radical Biology and Medicine</i> , 2019 , 137, 13-23	7.8	40
201	Inhibition of G protein-coupled receptor 81 (GPR81) protects against ischemic brain injury. <i>CNS Neuroscience and Therapeutics</i> , 2015 , 21, 271-9	6.8	40
200	Oxygen-glucose deprivation induced glial scar-like change in astrocytes. <i>PLoS ONE</i> , 2012 , 7, e37574	3.7	40
199	Carnosine protects against Abeta42-induced neurotoxicity in differentiated rat PC12 cells. <i>Cellular and Molecular Neurobiology</i> , 2008 , 28, 307-16	4.6	40
198	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, 51-5	3.3	39
197	Histamine protects against NMDA-induced necrosis in cultured cortical neurons through H receptor/cyclic AMP/protein kinase A and H receptor/GABA release pathways. <i>Journal of Neurochemistry</i> , 2006 , 96, 1390-400	6	39
196	Effects of endogenous histamine on seizure development of pentylentetrazole-induced kindling in rats. <i>Pharmacology</i> , 2003 , 69, 27-32	2.3	39
195	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, 651-9	6	39
194	Effects of histidine, a precursor of histamine, on pentylentetrazole-induced seizures in rats. <i>Acta Pharmacologica Sinica</i> , 2002 , 23, 361-6	8	38
193	Carnosine, a precursor of histidine, ameliorates pentylentetrazole-induced kindled seizures in rat. <i>Neuroscience Letters</i> , 2006 , 400, 146-9	3.3	37
192	Effects of dexmedetomidine on the release of glial cell line-derived neurotrophic factor from rat astrocyte cells. <i>Neurochemistry International</i> , 2011 , 58, 549-57	4.4	36
191	Regulation of mitophagy in ischemic brain injury. <i>Neuroscience Bulletin</i> , 2015 , 31, 395-406	4.3	35
190	A novel neuroprotective strategy for ischemic stroke: transient mild acidosis treatment by CO2 inhalation at reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 275-83	7.3	35
189	Role of gap junctions in epilepsy. <i>Neuroscience Bulletin</i> , 2011 , 27, 389-406	4.3	35

188	Low-frequency stimulation of cerebellar fastigial nucleus inhibits amygdaloid kindling acquisition in Sprague-Dawley rats. <i>Neurobiology of Disease</i> , 2008 , 29, 52-8	7.5	35
187	Time-dependent effect of low-frequency stimulation on amygdaloid-kindling seizures in rats. <i>Neurobiology of Disease</i> , 2008 , 31, 74-9	7.5	35
186	Central Nervous System Involvement in ANCA-Associated Vasculitis: What Neurologists Need to Know. <i>Frontiers in Neurology</i> , 2018 , 9, 1166	4.1	35
185	Pharmaco-genetic therapeutics targeting parvalbumin neurons attenuate temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2018 , 117, 149-160	7.5	34
184	Therapeutic time window of low-frequency stimulation at entorhinal cortex for amygdaloid-kindling seizures in rats. <i>Epilepsia</i> , 2010 , 51, 1861-4	6.4	32
183	Expression changes of hippocampal energy metabolism enzymes contribute to behavioural abnormalities during chronic morphine treatment. <i>Cell Research</i> , 2007 , 17, 689-700	24.7	32
182	Electroresponsive Nanoparticles Improve Antiseizure Effect of Phenytoin in Generalized Tonic-Clonic Seizures. <i>Neurotherapeutics</i> , 2016 , 13, 603-13	6.4	32
181	Treatment of rheumatoid arthritis with combination of methotrexate and Tripterygium wilfordii: A meta-analysis. <i>Life Sciences</i> , 2017 , 171, 45-50	6.8	31
180	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	5.7	31
179	Histidine provides long-term neuroprotection after cerebral ischemia through promoting astrocyte migration. <i>Scientific Reports</i> , 2015 , 5, 15356	4.9	31
178	Involvement of brain endogenous histamine in the degeneration of dopaminergic neurons in 6-hydroxydopamine-lesioned rats. <i>Neuropharmacology</i> , 2007 , 53, 832-41	5.5	31
177	Loss of MeCP2 in cholinergic neurons causes part of RTT-like phenotypes via $\alpha 7$ receptor in hippocampus. <i>Cell Research</i> , 2016 , 26, 728-42	24.7	31
176	Postconditioning-induced neuroprotection, mechanisms and applications in cerebral ischemia. <i>Neurochemistry International</i> , 2017 , 107, 43-56	4.4	30
175	TIGAR inhibits ischemia/reperfusion-induced inflammatory response of astrocytes. <i>Neuropharmacology</i> , 2018 , 131, 377-388	5.5	30
174	Familial paroxysmal kinesigenic dyskinesia is associated with mutations in the KCNA1 gene. <i>Human Molecular Genetics</i> , 2018 , 27, 625-637	5.6	30
173	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	6.5	30
172	Anterior thalamic nucleus stimulation modulates regional cerebral metabolism: an FDG-MicroPET study in rats. <i>Neurobiology of Disease</i> , 2009 , 34, 477-83	7.5	30
171	Combination of NAD and NADPH Offers Greater Neuroprotection in Ischemic Stroke Models by Relieving Metabolic Stress. <i>Molecular Neurobiology</i> , 2018 , 55, 6063-6075	6.2	30

170	Early treatment of minocycline alleviates white matter and cognitive impairments after chronic cerebral hypoperfusion. <i>Scientific Reports</i> , 2015 , 5, 12079	4.9	29
169	Carnosine inhibits pentylentetrazol-induced seizures by histaminergic mechanisms in histidine decarboxylase knock-out mice. <i>Neuroscience Letters</i> , 2007 , 416, 211-6	3.3	29
168	Generation of Febrile Seizures and Subsequent Epileptogenesis. <i>Neuroscience Bulletin</i> , 2016 , 32, 481-92	4.3	28
167	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	6.8	27
166	Somatic autophagy of axonal mitochondria in ischemic neurons. <i>Journal of Cell Biology</i> , 2019 , 218, 1891-1907	4.9	27
165	Pre-stroke Metformin Treatment is Neuroprotective Involving AMPK Reduction. <i>Neurochemical Research</i> , 2016 , 41, 2719-2727	4.6	27
164	Effects of clobenpropit on pentylentetrazole-kindled seizures in rats. <i>European Journal of Pharmacology</i> , 2003 , 482, 169-75	5.3	27
163	The Role of VE-cadherin in Blood-brain Barrier Integrity Under Central Nervous System Pathological Conditions. <i>Current Neuropharmacology</i> , 2018 , 16, 1375-1384	7.6	27
162	Entorhinal Principal Neurons Mediate Brain-stimulation Treatments for Epilepsy. <i>EBioMedicine</i> , 2016 , 14, 148-160	8.8	26
161	Interictal ripples nested in epileptiform discharge help to identify the epileptogenic zone in neocortical epilepsy. <i>Clinical Neurophysiology</i> , 2017 , 128, 945-951	4.3	25
160	G6PD plays a neuroprotective role in brain ischemia through promoting pentose phosphate pathway. <i>Free Radical Biology and Medicine</i> , 2017 , 112, 433-444	7.8	25
159	Low-frequency stimulation of the tuberomammillary nucleus facilitates electrical amygdaloid-kindling acquisition in Sprague-Dawley rats. <i>Neurobiology of Disease</i> , 2008 , 32, 151-6	7.5	25
158	A disinhibitory nigra-parafascicular pathway amplifies seizure in temporal lobe epilepsy. <i>Nature Communications</i> , 2020 , 11, 923	17.4	24
157	Mesoporous polydopamine with built-in plasmonic core: Traceable and NIR triggered delivery of functional proteins. <i>Biomaterials</i> , 2020 , 238, 119847	15.6	24
156	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	16.6	24
155	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	3	24
154	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, 325-30	3.9	24
153	Effect of cerebral ischemia on brain mast cells in rats. <i>Brain Research</i> , 2004 , 1019, 275-80	3.7	24

152	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	3.9	24
151	Neuroprotective effect of carnosine on necrotic cell death in PC12 cells. <i>Neuroscience Letters</i> , 2007 , 414, 145-9	3.3	22
150	BNIP3L/NIX degradation leads to mitophagy deficiency in ischemic brains. <i>Autophagy</i> , 2021 , 17, 1934-1946.2		22
149	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	2.7	22
148	Polarity-dependent effect of low-frequency stimulation on amygdaloid kindling in rats. <i>Brain Stimulation</i> , 2013 , 6, 190-7	5.1	21
147	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
146	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, 1685-96	4	21
145	Interleukin-1 receptor is a target for adjunctive control of diazepam-refractory status epilepticus in mice. <i>Neuroscience</i> , 2016 , 328, 22-9	3.9	21
144	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	3.7	20
143	Direct Septum-Hippocampus Cholinergic Circuit Attenuates Seizure Through Driving Somatostatin Inhibition. <i>Biological Psychiatry</i> , 2020 , 87, 843-856	7.9	20
142	Chronic h1-antihistamine treatment increases seizure susceptibility after withdrawal by impairing glutamine synthetase. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 683-90	6.8	19
141	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	3.7	19
140	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, 170-7	3.2	19
139	Pharmacological effects of carbinine on histaminergic neurons in the brain. <i>British Journal of Pharmacology</i> , 2004 , 143, 573-80	8.6	19
138	Double-edged GABAergic synaptic transmission in seizures: The importance of chloride plasticity. <i>Brain Research</i> , 2018 , 1701, 126-136	3.7	19
137	Reversal of scopolamine-induced spatial memory deficits in rats by TAK-147. <i>Acta Pharmacologica Sinica</i> , 2002 , 23, 355-60	8	19
136	Subicular pyramidal neurons gate drug resistance in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2019 , 86, 626-640	9.4	18
135	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	3.2	17

134	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	4.4	17
133	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, 816-21	3	17
132	Parabrachial nucleus circuit governs neuropathic pain-like behavior. <i>Nature Communications</i> , 2020 , 11, 5974	17.4	17
131	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	8	17
130	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	6.4	17
129	Histamine promotes locomotion recovery after spinal cord hemisection via inhibiting astrocytic scar formation. <i>CNS Neuroscience and Therapeutics</i> , 2015 , 21, 454-62	6.8	16
128	Modulation of astrocytic glutamine synthetase expression and cell viability by histamine in cultured cortical astrocytes exposed to OGD insults. <i>Neuroscience Letters</i> , 2013 , 549, 69-73	3.3	16
127	Morphine induces conditioned place preference behavior in histidine decarboxylase knockout mice. <i>Neuroscience Letters</i> , 2010 , 468, 115-9	3.3	16
126	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	14.4	16
125	Reorganization of anterior and posterior hippocampal networks associated with memory performance in mesial temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2017 , 128, 830-838	4.3	15
124	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	5.7	15
123	Histamine upregulates Nav1.8 expression in primary afferent neurons via H2 receptors: involvement in neuropathic pain. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 883-92	6.8	15
122	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
121	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	6.6	14
120	Effects of histamine on spontaneous neuropathic pain induced by peripheral axotomy. <i>Neuroscience Bulletin</i> , 2013 , 29, 261-9	4.3	14
119	Effects of meclufenamic acid on limbic epileptogenesis in mice kindling models. <i>Neuroscience Letters</i> , 2013 , 543, 110-4	3.3	14
118	Acidic preconditioning protects against ischemia-induced brain injury. <i>Neuroscience Letters</i> , 2012 , 523, 3-8	3.3	14
117	Lesion of the tuberomammillary nucleus E2-region attenuates postictal seizure protection in rats. <i>Epilepsy Research</i> , 2007 , 73, 250-8	3	14

116	Effect of oxygen-glucose deprivation on degranulation and histamine release of mast cells. <i>Cell and Tissue Research</i> , 2005 , 322, 437-41	4.2	14
115	A critical time window for the analgesic effect of central histamine in the partial sciatic ligation model of neuropathic pain. <i>Journal of Neuroinflammation</i> , 2016 , 13, 163	10.1	14
114	Analyzing reliability of seizure diagnosis based on semiology. <i>Epilepsy and Behavior</i> , 2014 , 41, 197-202	3.2	13
113	Carnosine attenuates mast cell degranulation and histamine release induced by oxygen-glucose deprivation. <i>Cell Biochemistry and Function</i> , 2008 , 26, 334-8	4.2	13
112	Histidine enhances carbamazepine action against seizures and improves spatial memory deficits induced by chronic transauricular kindling in rats. <i>Acta Pharmacologica Sinica</i> , 2005 , 26, 1297-302	8	13
111	Structural basis of GABA receptor-G protein coupling. <i>Nature</i> , 2021 , 594, 594-598	50.4	13
110	Widespread pain sensitization after partial infraorbital nerve transection in MRL/MPJ mice. <i>Pain</i> , 2016 , 157, 740-749	8	13
109	erbb4 Deficits in Chandelier Cells of the Medial Prefrontal Cortex Confer Cognitive Dysfunctions: Implications for Schizophrenia. <i>Cerebral Cortex</i> , 2019 , 29, 4334-4346	5.1	13
108	Reduced Nicotinamide Adenine Dinucleotide Phosphate Inhibits MPTP-Induced Neuroinflammation and Neurotoxicity. <i>Neuroscience</i> , 2018 , 391, 140-153	3.9	13
107	Effects of brain histamine on memory deficit induced by nucleus basalis-lesion in rats. <i>Acta Pharmacologica Sinica</i> , 2002 , 23, 66-70	8	13
106	Tetradecyl 2,3-dihydroxybenzoate alleviates oligodendrocyte damage following chronic cerebral hypoperfusion through IGF-1 receptor. <i>Neurochemistry International</i> , 2020 , 138, 104749	4.4	12
105	Melatonin receptor agonist ramelteon attenuates mouse acute and chronic ischemic brain injury. <i>Acta Pharmacologica Sinica</i> , 2020 , 41, 1016-1024	8	12
104	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	6.1	12
103	Presynaptic Endosomal Cathepsin D Regulates the Biogenesis of GABAergic Synaptic Vesicles. <i>Cell Reports</i> , 2019 , 28, 1015-1028.e5	10.6	12
102	H1-antihistamines induce vacuolation in astrocytes through macroautophagy. <i>Toxicology and Applied Pharmacology</i> , 2012 , 260, 115-23	4.6	12
101	Transient lack of glucose but not O ₂ is involved in ischemic postconditioning-induced neuroprotection. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 30-7	6.8	12
100	Gender difference in acquired seizure susceptibility in adult rats after early complex febrile seizures. <i>Neuroscience Bulletin</i> , 2014 , 30, 913-922	4.3	12
99	Mediodorsal thalamic stimulation is not protective against seizures induced by amygdaloid kindling in rats. <i>Neuroscience Letters</i> , 2010 , 481, 97-101	3.3	12

98	Combination of methylprednisolone and rosiglitazone promotes recovery of neurological function after spinal cord injury. <i>Neural Regeneration Research</i> , 2016 , 11, 1678-1684	4.5	12
97	The piriform cortex in epilepsy: What we learn from the kindling model. <i>Experimental Neurology</i> , 2020 , 324, 113137	5.7	12
96	TLR4 deficiency abrogated widespread tactile allodynia, but not widespread thermal hyperalgesia and trigeminal neuropathic pain after partial infraorbital nerve transection. <i>Pain</i> , 2018 , 159, 273-283	8	12
95	Carnosine protects brain microvascular endothelial cells against rotenone-induced oxidative stress injury through histamine H ₁ and H ₂ receptors in vitro. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 1019-25	3	11
94	Carnosine ameliorates morphine-induced conditioned place preference in rats. <i>Neuroscience Letters</i> , 2007 , 422, 34-8	3.3	11
93	Lumbar vertebral endplate defects on magnetic resonance images: prevalence, distribution patterns, and associations with back pain. <i>Spine Journal</i> , 2020 , 20, 352-360	4	11
92	HMGB1 Is a Therapeutic Target and Biomarker in Diazepam-Refractory Status Epilepticus with Wide Time Window. <i>Neurotherapeutics</i> , 2020 , 17, 710-721	6.4	11
91	Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. <i>Nature Biotechnology</i> , 2021 , 39, 1141-1150	44.5	11
90	Prolonged febrile seizures induce inheritable memory deficits in rats through DNA methylation. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 601-611	6.8	10
89	Tomatidine protects against ischemic neuronal injury by improving lysosomal function. <i>European Journal of Pharmacology</i> , 2020 , 882, 173280	5.3	10
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