

Zhong Chen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8351514/zhong-chen-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Nanoengineered on-demand drug delivery system improves efficacy of pharmacotherapy for epilepsy.. <i>Science Advances</i> , 2022 , 8, eabm3381	14.3	4
240	Dissecting the Neural Circuitry for Pain Modulation and Chronic Pain: Insights from Optogenetics.. <i>Neuroscience Bulletin</i> , 2022 , 1	4.3	0
239	Pathological Networks Involving Dysmorphic Neurons in Type II Focal Cortical Dysplasia.. <i>Neuroscience Bulletin</i> , 2022 , 1	4.3	0
238	Paradoxical effects of posterior intralaminar thalamic calretinin neurons on hippocampal seizure via distinct downstream circuits.. <i>iScience</i> , 2022 , 25, 104218	6.1	0
237	LncRNA NORAD deficiency alleviates kidney injury in mice and decreases the inflammatory response and apoptosis of lipopolysaccharide-stimulated HK-2 cells via the miR-577/GOLPH3 axis.. <i>Cytokine</i> , 2022 , 153, 155844	4	1
236	TIGAR alleviates oxidative stress in brain with extended ischemia via a pentose phosphate pathway-independent manner.. <i>Redox Biology</i> , 2022 , 53, 102323	11.3	1
235	Targeting Histamine and Histamine Receptors for the Precise Regulation of Feeding. <i>Current Topics in Behavioral Neurosciences</i> , 2021 , 1	3.4	
234	Whole genome and exome sequencing reference datasets from a multi-center and cross-platform benchmark study. <i>Scientific Data</i> , 2021 , 8, 296	8.2	2
233	Central histaminergic signalling, neural excitability and epilepsy. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	1
232	New advances in pharmaco-resistant epilepsy towards precise management-from prognosis to treatments. <i>Pharmacology & Therapeutics</i> , 2021 , 108026	13.9	2
231	BNIP3L/NIX degradation leads to mitophagy deficiency in ischemic brains. <i>Autophagy</i> , 2021 , 17, 1934-1946.2		22
230	Cholinergic Signaling, Neural Excitability, and Epilepsy. <i>Molecules</i> , 2021 , 26,	4.8	2
229	Structural basis of GABA receptor-G protein coupling. <i>Nature</i> , 2021 , 594, 594-598	50.4	13
228	Alteration of twinfilin1 expression underlies opioid withdrawal-induced remodeling of actin cytoskeleton at synapses and formation of aversive memory. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
227	Inhibition of hyperactivity of the dorsal raphe 5-HTergic neurons ameliorates hippocampal seizure. <i>CNS Neuroscience and Therapeutics</i> , 2021 , 27, 963-972	6.8	2
226	Spaceflight decelerates the epigenetic clock orchestrated with a global alteration in DNA methylation and transcriptome in the mouse retina. <i>Precision Clinical Medicine</i> , 2021 , 4, 93-108	6.7	3
225	Lateral Habenula Serves as a Potential Therapeutic Target for Neuropathic Pain. <i>Neuroscience Bulletin</i> , 2021 , 37, 1339-1344	4.3	1

224	Dissecting the role of subiculum in epilepsy: Research update and translational potential. <i>Progress in Neurobiology</i> , 2021 , 201, 102029	10.9	4
223	HMGB1, neuronal excitability and epilepsy. <i>Acta Epileptologica</i> , 2021 , 3,	1.7	2
222	Natural compounds modulate the autophagy with potential implication of stroke. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 1708-1720	15.5	8
221	Histamine H2 receptor negatively regulates oligodendrocyte differentiation in neonatal hypoxic-ischemic white matter injury. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	4
220	Phenolic-enabled nanotechnology: versatile particle engineering for biomedicine. <i>Chemical Society Reviews</i> , 2021 , 50, 4432-4483	58.5	58
219	7T MRI with post-processing for the presurgical evaluation of pharmacoresistant focal epilepsy. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 17562864211021181	6.6	3
218	Long-term music adjuvant therapy enhances the efficacy of sub-dose antiepileptic drugs in temporal lobe epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2021 ,	6.8	1
217	Histamine H receptor deletion in cholinergic neurons induces sensorimotor gating ability deficit and social impairments in mice. <i>Nature Communications</i> , 2021 , 12, 1142	17.4	7
216	An Automatic HFO Detection Method Combining Visual Inspection Features with Multi-Domain Features. <i>Neuroscience Bulletin</i> , 2021 , 37, 777-788	4.3	3
215	Revealing the Precise Role of Calretinin Neurons in Epilepsy: We Are on the Way. <i>Neuroscience Bulletin</i> , 2021 , 1	4.3	2
214	Subicular Caspase-1 Contributes to Pharmacoresistance in Temporal Lobe Epilepsy. <i>Annals of Neurology</i> , 2021 , 90, 377-390	9.4	4
213	A benchmarking study of SARS-CoV-2 whole-genome sequencing protocols using COVID-19 patient samples. <i>iScience</i> , 2021 , 24, 102892	6.1	6
212	Q-marker Prediction Analysis of Rhubarb in Fengyin Decoction Based on Fingerprint and Network Pharmacology. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110387	0.9	
211	Response to "The pattern of drug delivery really matters". <i>Brain, Behavior, and Immunity</i> , 2021 , 96, 305-306	3.6	
210	Thermo-sensitive micelles extend therapeutic potential for febrile seizures. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 296	21	0
209	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
208	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	44.5	5
207	The Histaminergic System in Neuropsychiatric Disorders. <i>Biomolecules</i> , 2021 , 11,	5.9	1

206	Potential therapeutic agents for ischemic white matter damage. <i>Neurochemistry International</i> , 2021 , 149, 105116	4.4	1
205	Monitoring Autophagy by Optical Microscopy. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1208, 117-130	3.6	
204	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	6.8	4
203	Secondary Epileptogenesis: Common to See, but Possible to Treat?. <i>Frontiers in Neurology</i> , 2021 , 12, 747372	4.1	0
202	Dynamic functional connectivity in modular organization of the hippocampal network marks memory phenotypes in temporal lobe epilepsy.. <i>Human Brain Mapping</i> , 2021 ,	5.9	2
201	The SEQC2 epigenomics quality control (EpiQC) study. <i>Genome Biology</i> , 2021 , 22, 332	18.3	2
200	BNIP3L/NIX-mediated mitophagy: molecular mechanisms and implications for human disease.. <i>Cell Death and Disease</i> , 2021 , 13, 14	9.8	9
199	Microglial Displacement of GABAergic Synapses Is a Protective Event during Complex Febrile Seizures. <i>Cell Reports</i> , 2020 , 33, 108346	10.6	5
198	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
197	A crucial role of HMGB1 in orofacial and widespread pain sensitization following partial infraorbital nerve transection. <i>Brain, Behavior, and Immunity</i> , 2020 , 88, 114-124	16.6	4
196	Tomatidine protects against ischemic neuronal injury by improving lysosomal function. <i>European Journal of Pharmacology</i> , 2020 , 882, 173280	5.3	10
195	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	4.3	9
194	Pharmaco-genetic inhibition of pyramidal neurons retards hippocampal kindling-induced epileptogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2020 , 26, 1111-1120	6.8	7
193	A disinhibitory nigra-parafascicular pathway amplifies seizure in temporal lobe epilepsy. <i>Nature Communications</i> , 2020 , 11, 923	17.4	24
192	Melatonin receptor agonist ramelteon attenuates mouse acute and chronic ischemic brain injury. <i>Acta Pharmacologica Sinica</i> , 2020 , 41, 1016-1024	8	12
191	Mesoporous polydopamine with built-in plasmonic core: Traceable and NIR triggered delivery of functional proteins. <i>Biomaterials</i> , 2020 , 238, 119847	15.6	24
190	A sensitive and specific nanosensor for monitoring extracellular potassium levels in the brain. <i>Nature Nanotechnology</i> , 2020 , 15, 321-330	28.7	42
189	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	8.6	7

188	Anteromedial thalamic nucleus to anterior cingulate cortex inputs modulate histaminergic itch sensation. <i>Neuropharmacology</i> , 2020 , 168, 108028	5.5	2
187	Vegetarian diets, circulating miRNA expression and healthspan in subjects living in the Blue Zone. <i>Precision Clinical Medicine</i> , 2020 , 3, 245-259	6.7	5
186	Adult Neurogenesis in Epileptogenesis: An Update for Preclinical Finding and Potential Clinical Translation. <i>Current Neuropharmacology</i> , 2020 , 18, 464-484	7.6	7
185	Autophagy and Mitochondrial Encephalomyopathies. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1207, 103-110	3.6	4
184	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
183	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
182	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
181	The piriform cortex in epilepsy: What we learn from the kindling model. <i>Experimental Neurology</i> , 2020 , 324, 113137	5.7	12
180	Direct Septum-Hippocampus Cholinergic Circuit Attenuates Seizure Through Driving Somatostatin Inhibition. <i>Biological Psychiatry</i> , 2020 , 87, 843-856	7.9	20
179	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	7.8	9
178	Parabrachial nucleus circuit governs neuropathic pain-like behavior. <i>Nature Communications</i> , 2020 , 11, 5974	17.4	17
177	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
176	Decoding Circadian Rhythm and Epileptic Activities: Clues From Animal Studies. <i>Frontiers in Neurology</i> , 2020 , 11, 751	4.1	4
175	Hierarchy Graph Convolution Network and Tree Classification for Epileptic Detection on Electroencephalography Signals. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1	3	9
174	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
173	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
172	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
171	Selective inhibition of Tmem74 expression in BLA pyramidal neurons. <i>Molecular Psychiatry</i> , 2019 , 24, 1399-1399	15.1	1

170	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
169	An update for epilepsy research and antiepileptic drug development: Toward precise circuit therapy. <i>Pharmacology & Therapeutics</i> , 2019 , 201, 77-93	13.9	51
168	Come and eat: mitochondrial transport guides mitophagy in ischemic neuronal axons. <i>Autophagy</i> , 2019 , 15, 1483-1484	10.2	5
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	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
165	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
164	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
163	TIGAR alleviates ischemia/reperfusion-induced autophagy and ischemic brain injury. <i>Free Radical Biology and Medicine</i> , 2019 , 137, 13-23	7.8	40
162	Somatic autophagy of axonal mitochondria in ischemic neurons. <i>Journal of Cell Biology</i> , 2019 , 218, 1891-1907	7.9	27
161	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
160	Presynaptic Endosomal Cathepsin D Regulates the Biogenesis of GABAergic Synaptic Vesicles. <i>Cell Reports</i> , 2019 , 28, 1015-1028.e5	10.6	12
159	Subicular pyramidal neurons gate drug resistance in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2019 , 86, 626-640	9.4	18
158	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
157	DNA methylome study of human cerebellar tissues identified genes and pathways possibly involved in essential tremor. <i>Precision Clinical Medicine</i> , 2019 , 2, 221-234	6.7	1
156	Microenergy acoustic pulses induced myogenesis of urethral striated muscle stem/progenitor cells. <i>Translational Andrology and Urology</i> , 2019 , 8, 489-500	2.3	4
155	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
154	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
153	TIGAR inhibits ischemia/reperfusion-induced inflammatory response of astrocytes. <i>Neuropharmacology</i> , 2018 , 131, 377-388	5.5	30

152	Familial paroxysmal kinesigenic dyskinesia is associated with mutations in the KCNA1 gene. <i>Human Molecular Genetics</i> , 2018 , 27, 625-637	5.6	30
151	Small Lesion Size Is Associated with Sleep-Related Epilepsy in Focal Cortical Dysplasia Type II. <i>Frontiers in Neurology</i> , 2018 , 9, 106	4.1	9
150	Langerhans cell histiocytosis at L5 vertebra treated with en bloc vertebral resection: a case report. <i>World Journal of Surgical Oncology</i> , 2018 , 16, 96	3.4	3
149	Pharmaco-genetic therapeutics targeting parvalbumin neurons attenuate temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2018 , 117, 149-160	7.5	34
148	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
147	Deficiency of H1 receptor in cholinergic neurons selectively leads to schizophrenia-like negative symptoms. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, SY43-4	0	
146	Central Nervous System Involvement in ANCA-Associated Vasculitis: What Neurologists Need to Know. <i>Frontiers in Neurology</i> , 2018 , 9, 1166	4.1	35
145	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
144	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
143	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
142	The Prophylactic and Therapeutic Effects of Fermented Powder, Cs-C-Q80, on Subcortical Ischemic Vascular Dementia in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 4362715-3	15.3	2
141	Reduced Nicotinamide Adenine Dinucleotide Phosphate Inhibits MPTP-Induced Neuroinflammation and Neurotoxicity. <i>Neuroscience</i> , 2018 , 391, 140-153	3.9	13
140	Double-edged GABAergic synaptic transmission in seizures: The importance of chloride plasticity. <i>Brain Research</i> , 2018 , 1701, 126-136	3.7	19
139	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
138	Postconditioning-induced neuroprotection, mechanisms and applications in cerebral ischemia. <i>Neurochemistry International</i> , 2017 , 107, 43-56	4.4	30
137	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
136	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
135	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

134	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
133	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
132	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
131	Depolarized GABAergic Signaling in Subicular Microcircuits Mediates Generalized Seizure in Temporal Lobe Epilepsy. <i>Neuron</i> , 2017 , 95, 92-105.e5	13.9	53
130	Intergenerational Transmission of Enhanced Seizure Susceptibility after Febrile Seizures. <i>EBioMedicine</i> , 2017 , 17, 206-215	8.8	6
129	Low-frequency stimulation of the primary focus retards positive transfer of secondary focus. <i>Scientific Reports</i> , 2017 , 7, 345	4.9	5
128	BNIP3L/NIX-mediated mitophagy protects against ischemic brain injury independent of PARK2. <i>Autophagy</i> , 2017 , 13, 1754-1766	10.2	124
127	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
126	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
125	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
124	Experimental Models to Study the Neuroprotection of Acidic Postconditioning Against Cerebral Ischemia. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	1
123	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
122	Generation of Febrile Seizures and Subsequent Epileptogenesis. <i>Neuroscience Bulletin</i> , 2016 , 32, 481-92	4.3	28
121	A decrease of ripples precedes seizure onset in mesial temporal lobe epilepsy. <i>Experimental Neurology</i> , 2016 , 284, 29-37	5.7	7
120	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
119	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
118	Pre-stroke Metformin Treatment is Neuroprotective Involving AMPK Reduction. <i>Neurochemical Research</i> , 2016 , 41, 2719-2727	4.6	27
117	The efficacy and safety of rufinamide in drug-resistant epilepsy: A meta-analysis of double-blind, randomized, placebo controlled trials. <i>Epilepsy Research</i> , 2016 , 120, 104-10	3	10

116	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
115	Postictal generalized EEG suppression after generalized convulsive seizures: A double-edged sword. <i>Clinical Neurophysiology</i> , 2016 , 127, 2078-84	4.3	10
114	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
113	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
112	Tau accumulation impairs mitophagy via increasing mitochondrial membrane potential and reducing mitochondrial Parkin. <i>Oncotarget</i> , 2016 , 7, 17356-68	3.3	74
111	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
110	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
109	Widespread pain sensitization after partial infraorbital nerve transection in MRL/MPJ mice. <i>Pain</i> , 2016 , 157, 740-749	8	13
108	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
107	Entorhinal Principal Neurons Mediate Brain-stimulation Treatments for Epilepsy. <i>EBioMedicine</i> , 2016 , 14, 148-160	8.8	26
106	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
105	Loss of MeCP2 in cholinergic neurons causes part of RTT-like phenotypes via α 7 receptor in hippocampus. <i>Cell Research</i> , 2016 , 26, 728-42	24.7	31
104	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
103	Electroresponsive Nanoparticles Improve Antiseizure Effect of Phenytoin in Generalized Tonic-Clonic Seizures. <i>Neurotherapeutics</i> , 2016 , 13, 603-13	6.4	32
102	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
101	Regulation of mitophagy in ischemic brain injury. <i>Neuroscience Bulletin</i> , 2015 , 31, 395-406	4.3	35
100	Low-frequency stimulation of the external globus pallidum produces anti-epileptogenic and anti-ictogenic actions in rats. <i>Acta Pharmacologica Sinica</i> , 2015 , 36, 957-65	8	5
99	Early treatment of minocycline alleviates white matter and cognitive impairments after chronic cerebral hypoperfusion. <i>Scientific Reports</i> , 2015 , 5, 12079	4.9	29

98	Histidine provides long-term neuroprotection after cerebral ischemia through promoting astrocyte migration. <i>Scientific Reports</i> , 2015 , 5, 15356	4.9	31
97	The Pro-inflammatory Cytokine Interleukin-1 β s a Key Regulatory Factor for the Postictal Suppression in Mice. <i>CNS Neuroscience and Therapeutics</i> , 2015 , 21, 642-50	6.8	8
96	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
95	Glutamine and Epilepsy 2015 , 415-425		
94	Adenovirus-mediated osteoprotegerin ameliorates cartilage destruction by inhibiting proteoglycan loss and chondrocyte apoptosis in rats with collagen-induced arthritis. <i>Cell and Tissue Research</i> , 2015 , 362, 187-99	4.2	9
93	Early hypoactivity of hippocampal rhythms during epileptogenesis after prolonged febrile seizures in freely-moving rats. <i>Neuroscience Bulletin</i> , 2015 , 31, 297-306	4.3	4
92	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
91	Protective effect of carnosine on febrile seizures in immature mice. <i>Neuroscience Letters</i> , 2015 , 588, 95-100	3.9	6
90	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
89	Histamine up-regulates astrocytic glutamate transporter 1 and protects neurons against ischemic injury. <i>Neuropharmacology</i> , 2014 , 77, 156-66	5.5	52
88	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
87	Analyzing reliability of seizure diagnosis based on semiology. <i>Epilepsy and Behavior</i> , 2014 , 41, 197-202	3.2	13
86	CRL4A(CRBN) E3 ubiquitin ligase restricts BK channel activity and prevents epileptogenesis. <i>Nature Communications</i> , 2014 , 5, 3924	17.4	70
85	Selective activation of cholinergic basal forebrain neurons induces immediate sleep-wake transitions. <i>Current Biology</i> , 2014 , 24, 693-8	6.3	89
84	Morphology and functions of astrocytes cultured on water-repellent fractal tripalmitin surfaces. <i>Biomaterials</i> , 2014 , 35, 7386-97	15.6	8
83	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
82	Literature review and clinical presentation of cervical spondylitis due to salmonella enteritidis in immunocompetent. <i>Asian Spine Journal</i> , 2014 , 8, 206-10	2.8	6
81	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, 275-83	7.3	35

80	Histamine H3 receptors aggravate cerebral ischaemic injury by histamine-independent mechanisms. <i>Nature Communications</i> , 2014 , 5, 3334	17.4	51
79	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
78	Angiopep-conjugated electro-responsive hydrogel nanoparticles: therapeutic potential for epilepsy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12436-40	16.4	54
77	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
76	Dysfunction of thermoregulation contributes to the generation of hyperthermia-induced seizures. <i>Neuroscience Letters</i> , 2014 , 581, 129-34	3.3	7
75	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
74	Effects of histamine on spontaneous neuropathic pain induced by peripheral axotomy. <i>Neuroscience Bulletin</i> , 2013 , 29, 261-9	4.3	14
73	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
72	Cerebral ischemia-reperfusion-induced autophagy protects against neuronal injury by mitochondrial clearance. <i>Autophagy</i> , 2013 , 9, 1321-33	10.2	329
71	Transient lack of glucose but not O2 is involved in ischemic postconditioning-induced neuroprotection. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 30-7	6.8	12
70	Consecutive 15 min is necessary for focal low frequency stimulation to inhibit amygdaloid-kindling seizures in rats. <i>Epilepsy Research</i> , 2013 , 106, 47-53	3	10
69	Polarity-dependent effect of low-frequency stimulation on amygdaloid kindling in rats. <i>Brain Stimulation</i> , 2013 , 6, 190-7	5.1	21
68	Effects of meclofenamic acid on limbic epileptogenesis in mice kindling models. <i>Neuroscience Letters</i> , 2013 , 543, 110-4	3.3	14
67	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
66	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
65	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
64	H1-antihistamines induce vacuolation in astrocytes through macroautophagy. <i>Toxicology and Applied Pharmacology</i> , 2012 , 260, 115-23	4.6	12
63	Protective effect of carnosine on subcortical ischemic vascular dementia in mice. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 745-53	6.8	53

62	Role of histamine and its receptors in cerebral ischemia. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 238-47	5.7	53
61	Acidic preconditioning protects against ischemia-induced brain injury. <i>Neuroscience Letters</i> , 2012 , 523, 3-8	3.3	14
60	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
59	Oxygen-glucose deprivation induced glial scar-like change in astrocytes. <i>PLoS ONE</i> , 2012 , 7, e37574	3.7	40
58	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
57	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
56	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
55	Role of gap junctions in epilepsy. <i>Neuroscience Bulletin</i> , 2011 , 27, 389-406	4.3	35
54	Ameliorating effect of histamine on impairment of cued fear extinction induced by morphine withdrawal in histidine decarboxylase gene knockout mice. <i>Acta Pharmacologica Sinica</i> , 2010 , 31, 1431-7 ⁸		8
53	Morphine induces conditioned place preference behavior in histidine decarboxylase knockout mice. <i>Neuroscience Letters</i> , 2010 , 468, 115-9	3.3	16
52	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
51	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
50	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
49	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
48	The H ₃ receptor antagonist clobenpropit protects against Abeta ₄₂ -induced neurotoxicity in differentiated rat PC12 cells. <i>Die Pharmazie</i> , 2010 , 65, 257-60	1.5	10
47	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
46	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
45	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

44	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
43	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
42	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
41	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
40	Morphology of C6 Glioma Cells on a Water-Repellent Fractal Alkyl Ketene Dimer Surface. <i>Current Nanoscience</i> , 2008 , 4, 224-231	1.4	3
39	Carnosine protects against Abeta42-induced neurotoxicity in differentiated rat PC12 cells. <i>Cellular and Molecular Neurobiology</i> , 2008 , 28, 307-16	4.6	40
38	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
37	Activation of CysLT receptors induces astrocyte proliferation and death after oxygen-glucose deprivation. <i>Glia</i> , 2008 , 56, 27-37	9	71
36	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
35	Lesion of the tuberomammillary nucleus E2-region attenuates postictal seizure protection in rats. <i>Epilepsy Research</i> , 2007 , 73, 250-8	3	14
34	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
33	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
32	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
31	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
30	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
29	Neuroprotective effect of carnosine on necrotic cell death in PC12 cells. <i>Neuroscience Letters</i> , 2007 , 414, 145-9	3.3	22
28	Carnosine inhibits pentylenetetrazol-induced seizures by histaminergic mechanisms in histidine decarboxylase knock-out mice. <i>Neuroscience Letters</i> , 2007 , 416, 211-6	3.3	29
27	Mast cell-derived mediators protect against oxygen-glucose deprivation-induced injury in PC12 cells and neurons. <i>Neuroscience Letters</i> , 2007 , 423, 35-40	3.3	6

26	Carnosine ameliorates morphine-induced conditioned place preference in rats. <i>Neuroscience Letters</i> , 2007 , 422, 34-8	3.3	11
25	Carnosine, a precursor of histidine, ameliorates pentylentetrazole-induced kindled seizures in rat. <i>Neuroscience Letters</i> , 2006 , 400, 146-9	3.3	37
24	Effect of endogenous histamine in the ventral hippocampus on fear memory deficits induced by scopolamine as evaluated by step-through avoidance response in rats. <i>Physiology and Behavior</i> , 2006 , 87, 687-93	3.5	10
23	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
22	DNA Methylation Inhibitors Upregulate MiRNA Expression in Patients with Chronic Lymphocytic Leukemia.. <i>Blood</i> , 2006 , 108, 2257-2257	2.2	1
21	Influence of low dietary histamine on seizure development of chemical kindling induced by pentylentetrazol in rats. <i>Acta Pharmacologica Sinica</i> , 2005 , 26, 423-7	8	9
20	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
19	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
18	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
17	Pharmacological effects of carcinine on histaminergic neurons in the brain. <i>British Journal of Pharmacology</i> , 2004 , 143, 573-80	8.6	19
16	Effect of cerebral ischemia on brain mast cells in rats. <i>Brain Research</i> , 2004 , 1019, 275-80	3.7	24
15	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
14	Effects of endogenous histamine on seizure development of pentylentetrazole-induced kindling in rats. <i>Pharmacology</i> , 2003 , 69, 27-32	2.3	39
13	Effects of clobenpropit on pentylentetrazole-kindled seizures in rats. <i>European Journal of Pharmacology</i> , 2003 , 482, 169-75	5.3	27
12	Chemical kindling induced by pentylentetrazol 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
11	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
10	Reversal of scopolamine-induced spatial memory deficits in rats by TAK-147. <i>Acta Pharmacologica Sinica</i> , 2002 , 23, 355-60	8	19
9	Effects of histidine, a precursor of histamine, on pentylentetrazole-induced seizures in rats. <i>Acta Pharmacologica Sinica</i> , 2002 , 23, 361-6	8	38

8	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
7	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
6	Comparative Studies of Atherosclerosis by Using Genetically Engineered Murine Models. <i>The Journal of Japan Atherosclerosis Society</i> , 1997 , 24, 477-480		
5	The spatial and cell-type distribution of SARS-CoV-2 receptor ACE2 in human and mouse brain		65
4	Establishing reference samples for detection of somatic mutations and germline variants with NGS technologies		
3	Personalized genome assembly for accurate cancer somatic mutation discovery using cancer-normal paired reference samples		2
2	Whole Genome and Exome Sequencing Reference Datasets from A Multi-center and Cross-platform Benchmark Study		2
1	The diverse role of the raphe 5-HTergic systems in epilepsy. <i>Acta Pharmacologica Sinica</i> ,	8	1