List of Publications by Year in descending order

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ΖΗΠΟ ΧΥΝΟ

#	Article	IF	CITATIONS
1	Oxidative stress and apoptosis induced by nanosized titanium dioxide in PC12 cells. Toxicology, 2010, 267, 172-177.	4.2	203
2	Influences of nanoparticle zinc oxide on acutely isolated rat hippocampal CA3 pyramidal neurons. NeuroToxicology, 2009, 30, 220-230.	3.0	149
3	Action potential changes associated with the inhibitory effects on voltage-gated sodium current of hippocampal CA1 neurons by silver nanoparticles. Toxicology, 2009, 264, 179-184.	4.2	111
4	Cognitive impairment in rats induced by nano-CuO and its possible mechanisms. Toxicology Letters, 2012, 213, 220-227.	0.8	102
5	Toxicology of nanosized titanium dioxide: an update. Archives of Toxicology, 2015, 89, 2207-2217.	4.2	101
6	Effects of nanoparticle zinc oxide on spatial cognition and synaptic plasticity in mice with depressive-like behaviors. Journal of Biomedical Science, 2012, 19, 14.	7.0	94
7	The possible mechanism of silver nanoparticle impact on hippocampal synaptic plasticity and spatial cognition in rats. Toxicology Letters, 2012, 209, 227-231.	0.8	90
8	Protective Effects of Exogenous Hydrogen Sulfide on Neurons of Hippocampus in a Rat Model of Brain Ischemia. Neurochemical Research, 2011, 36, 1840-1849.	3.3	86
9	In vitro toxicity of multi-walled carbon nanotubes in C6 rat glioma cells. NeuroToxicology, 2012, 33, 1128-1134.	3.0	81
10	Nano-zinc oxide damages spatial cognition capability via over-enhanced long-term potentiation in hippocamus of Wistar rats. International Journal of Nanomedicine, 2011, 6, 1453.	6.7	73
11	Zinc oxide nanoparticles induce renal toxicity through reactive oxygen species. Food and Chemical Toxicology, 2016, 90, 76-83.	3.6	71
12	Sodium butyrate ameliorates the impairment of synaptic plasticity by inhibiting the neuroinflammation in 5XFAD mice. Chemico-Biological Interactions, 2021, 341, 109452.	4.0	71
13	Nanosized copper oxide induces apoptosis through oxidative stress in podocytes. Archives of Toxicology, 2013, 87, 1067-1073.	4.2	64
14	Effects of ROS-relative NF-κB signaling on high glucose-induced TLR4 and MCP-1 expression in podocyte injury. Molecular Immunology, 2015, 68, 261-271.	2.2	63
15	Oxidative stress and apoptosis induced by hydroxyapatite nanoparticles in C6 cells. Journal of Biomedical Materials Research - Part A, 2012, 100A, 738-745.	4.0	61
16	Autophagy ameliorates cognitive impairment through activation of PVT1 and apoptosis in diabetes mice. Behavioural Brain Research, 2016, 305, 265-277.	2.2	60
17	<i>In vitro</i> study on influence of nano particles of CuO on CA1 pyramidal neurons of rat hippocampus potassium currents. Environmental Toxicology, 2009, 24, 211-217.	4.0	55
18	Melamine induced cognitive impairment associated with oxidative damage in rat's hippocampus. Pharmacology Biochemistry and Behavior, 2012, 102, 196-202.	2.9	55

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19	Cognitive deficits induced by melamine in rats. Toxicology Letters, 2011, 206, 276-280.	0.8	54
20	l-3-n-butylphthalide improves cognitive deficits in rats with chronic cerebral ischemia. Neuropharmacology, 2012, 62, 2424-2429.	4.1	54
21	Nano-TiO2 induces autophagy to protect against cell death through antioxidative mechanism in podocytes. Cell Biology and Toxicology, 2016, 32, 513-527.	5.3	46
22	Neuropeptides, Amines and Amino Acids as Mediators of the Sympathetic Effects of Paraventricular Nucleus Activation in the Rat. Experimental Physiology, 2002, 87, 663-674.	2.0	44
23	Nano copper induced apoptosis in podocytes via increasing oxidative stress. Journal of Hazardous Materials, 2012, 241-242, 279-286.	12.4	44
24	Impairments of behavior, information flow between thalamus and cortex, and prefrontal cortical synaptic plasticity in an animal model of depression. Brain Research Bulletin, 2011, 85, 109-116.	3.0	43
25	Hydrogen sulfide alleviates the anxiety-like and depressive-like behaviors of type 1 diabetic mice via inhibiting inflammation and ferroptosis. Life Sciences, 2021, 278, 119551.	4.3	42
26	Imbalanced Synaptic Plasticity Induced Spatial Cognition Impairment in Male Offspring Rats Treated with Chronic Prenatal Ethanol Exposure. Alcoholism: Clinical and Experimental Research, 2013, 37, 763-770.	2.4	41
27	Melamine impairs spatial cognition and hippocampal synaptic plasticity by presynaptic inhibition of glutamatergic transmission in infant rats. Toxicology, 2011, 289, 167-174.	4.2	40
28	Induction of Apoptosis by Melamine in Differentiated PC12 Cells. Cellular and Molecular Neurobiology, 2011, 31, 65-71.	3.3	40
29	Melamine induced spatial cognitive deficits associated with impairments of hippocampal long-term depression and cholinergic system in Wistar rats. Neurobiology of Learning and Memory, 2013, 100, 18-24.	1.9	39
30	Cognitive deficits induced by multi-walled carbon nanotubes via the autophagic pathway. Toxicology, 2015, 337, 21-29.	4.2	39
31	Rapamycin Activates Mitophagy and Alleviates Cognitive and Synaptic Plasticity Deficits in a Mouse Model of Alzheimer's Disease. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1707-1713.	3.6	38
32	Role of GABA and NO in the Paraventricular Nucleus-Mediated Reflex Inhibition of Renal Sympathetic Nerve Activity Following Stimulation of Right Atrial Receptors in the Rat. Experimental Physiology, 2003, 88, 335-342.	2.0	37
33	Effect of melamine on potassium currents in rat hippocampal CA1 neurons. Toxicology in Vitro, 2010, 24, 397-403.	2.4	37
34	Maternal Separation Induces Different Autophagic Responses in the Hippocampus and Prefrontal Cortex of Adult Rats. Neuroscience, 2018, 374, 287-294.	2.3	36
35	Dulcitol suppresses proliferation and migration of hepatocellular carcinoma via regulating SIRT1/p53 pathway. Phytomedicine, 2020, 66, 153112.	5.3	36
36	Triptolide Inhibited Cytotoxicity of Differentiated PC12 Cells Induced by Amyloid-Beta25–35 via the Autophagy Pathway. PLoS ONE, 2015, 10, e0142719.	2.5	35

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37	Rapamycin Effectively Impedes Melamine-Induced Impairments of Cognition and Synaptic Plasticity in Wistar Rats. Molecular Neurobiology, 2017, 54, 819-832.	4.0	35
38	Action potential changes associated with impairment of functional properties of sodium channels in hippocampal neurons induced by melamine. Toxicology Letters, 2010, 198, 171-176.	0.8	34
39	Effect of alpha-cypermethrin and theta-cypermethrin on delayed rectifier potassium currents in rat hippocampal neurons. NeuroToxicology, 2009, 30, 269-273.	3.0	33
40	Nanoâ€CuO inhibited voltageâ€gated sodium current of hippocampal CA1 neurons via reactive oxygen species but independent from Gâ€proteins pathway. Journal of Applied Toxicology, 2011, 31, 439-445.	2.8	33
41	Graphene oxide enhances β-amyloid clearance by inducing autophagy of microglia and neurons. Chemico-Biological Interactions, 2020, 325, 109126.	4.0	33
42	The inhibitory effects of nanoâ€Ag on voltageâ€gated potassium currents of hippocampal CA1 neurons. Environmental Toxicology, 2011, 26, 552-558.	4.0	31
43	Autophagy Alleviates Melamine-Induced Cell Death in PC12 Cells Via Decreasing ROS Level. Molecular Neurobiology, 2016, 53, 1718-1729.	4.0	31
44	Triptolide attenuated injury via inhibiting oxidative stress in Amyloid-Beta25–35-treated differentiated PC12 cells. Life Sciences, 2016, 145, 19-26.	4.3	30
45	Heat Stress Preconditioning Improves Cognitive Outcome after Diffuse Axonal Injury in Rats. Journal of Neurotrauma, 2009, 26, 1695-1706.	3.4	29
46	Hydroxysafflor yellow A improves learning and memory in a rat model of vascular dementia by increasing VEGF and NR1 in the hippocampus. Neuroscience Bulletin, 2014, 30, 417-424.	2.9	28
47	Hydrogen Sulfide Prevents Synaptic Plasticity from VD-Induced Damage via Akt/GSK-3β Pathway and Notch Signaling Pathway in Rats. Molecular Neurobiology, 2016, 53, 4159-4172.	4.0	28
48	Graphene Oxide Ameliorates the Cognitive Impairment Through Inhibiting PI3K/Akt/mTOR Pathway to Induce Autophagy in AD Mouse Model. Neurochemical Research, 2021, 46, 309-325.	3.3	28
49	Protective effect of trifluoperazine on hydrogen peroxide-induced apoptosis in PC12 cells. Brain Research Bulletin, 2011, 84, 183-188.	3.0	27
50	Gastrin-releasing peptide facilitates glutamatergic transmission in the hippocampus and effectively prevents vascular dementia induced cognitive and synaptic plasticity deficits. Experimental Neurology, 2017, 287, 75-83.	4.1	27
51	Protective effects of leukemia inhibitory factor against oxidative stress during high glucose-induced apoptosis in podocytes. Cell Stress and Chaperones, 2012, 17, 485-493.	2.9	26
52	A New Rat Model of Chronic Cerebral Hypoperfusion Resulting in Early-Stage Vascular Cognitive Impairment. Frontiers in Aging Neuroscience, 2020, 12, 86.	3.4	26
53	Effect of titanium dioxide nanoparticles on zebrafish embryos and developing retina. International Journal of Ophthalmology, 2014, 7, 917-23.	1.1	25
54	Involvement of Nitric Oxide in Spatial Memory Deficits in Status Epilepticus Rats. Neurochemical Research, 2007, 32, 1875-1883.	3.3	24

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55	Nano-Ag inhibiting action potential independent glutamatergic synaptic transmission but increasing excitability in rat CA1 pyramidal neurons. Nanotoxicology, 2012, 6, 414-423.	3.0	24
56	Multi-walled carbon nanotube increases the excitability of hippocampal CA1 neurons through inhibition of potassium channels in rat's brain slices. Toxicology Letters, 2013, 217, 121-128.	0.8	24
57	Autophagy is involved in mouse kidney development and podocyte differentiation regulated by Notch signalling. Journal of Cellular and Molecular Medicine, 2017, 21, 1315-1328.	3.6	24
58	Propofol inhibits invasion and proliferation of C6 glioma cells by regulating the Ca 2+ permeable AMPA receptor-system x c â^ pathway. Toxicology in Vitro, 2017, 44, 57-65.	2.4	24
59	MKL1 inhibits cell cycle progression through p21 in podocytes. BMC Molecular Biology, 2015, 16, 1.	3.0	23
60	Neuroprotective Effects of Etidronate and 2,3,3-Trisphosphonate Against Glutamate-Induced Toxicity in PC12 Cells. Neurochemical Research, 2016, 41, 844-854.	3.3	23
61	Deletion of asparagine endopeptidase reduces anxiety- and depressive-like behaviors and improves abilities of spatial cognition in mice. Brain Research Bulletin, 2018, 142, 147-155.	3.0	23
62	Inhibitory effect of tungsten carbide nanoparticles on voltage-gated potassium currents of hippocampal CA1 neurons. Toxicology Letters, 2012, 209, 129-135.	0.8	22
63	In vitro toxicity of nanosized copper particles in PC12 cells induced by oxidative stress. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	22
64	The change of spatial cognition ability in depression rat model and the possible association with down-regulated protein expression of TRPC6. Behavioural Brain Research, 2015, 294, 186-193.	2.2	22
65	Early-stage dysfunction of hippocampal theta and gamma oscillations and its modulation of neural network in a transgenic 5xFAD mouse model. Neurobiology of Aging, 2020, 94, 121-129.	3.1	22
66	Resveratrol Attenuates AÎ ² -Induced Early Hippocampal Neuron Excitability Impairment via Recovery of Function of Potassium Channels. Neurotoxicity Research, 2017, 32, 311-324.	2.7	21
67	Etidronate rescues cognitive deficits through improving synaptic transmission and suppressing apoptosis in 2â€vessel occlusion model rats. Journal of Neurochemistry, 2017, 140, 476-484.	3.9	21
68	Effects of alpha- and theta-cypermethrin insecticide on transient outward potassium current in rat hippocampal CA3 neurons. Pesticide Biochemistry and Physiology, 2008, 90, 1-7.	3.6	20
69	Zinc ion as modulator effects on excitability and synaptic transmission in hippocampal CA1 neurons in Wistar rats. Neuroscience Research, 2010, 68, 167-175.	1.9	20
70	Multi-walled carbon nanotube inhibits CA1 glutamatergic synaptic transmission in rat's hippocampal slices. Toxicology Letters, 2014, 229, 423-429.	0.8	20
71	Autophagy is required for human umbilical cord mesenchymal stem cells to improve spatial working memory in APP/PS1 transgenic mouse model. Stem Cell Research and Therapy, 2018, 9, 9.	5.5	20
72	Expression of TRPC6 in Renal Cortex and Hippocampus of Mouse during Postnatal Development. PLoS ONE, 2012, 7, e38503.	2.5	20

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73	Peroxynitrite donor impairs excitability of hippocampal CA1 neurons by inhibiting voltage-gated potassium currents. Toxicology Letters, 2007, 175, 8-15.	0.8	19
74	Protective Effects of YC-1 Against Glutamate Induced PC12 Cell Apoptosis. Cellular and Molecular Neurobiology, 2011, 31, 303-311.	3.3	19
75	Crosstalk between protective autophagy and NF-κB signal in high glucose-induced podocytes. Molecular and Cellular Biochemistry, 2014, 394, 261-273.	3.1	19
76	Myocardial infarction induces cognitive impairment by increasing the production of hydrogen peroxide in adult rat hippocampus. Neuroscience Letters, 2014, 560, 112-116.	2.1	18
77	Leonurine ameliorates cognitive dysfunction via antagonizing excitotoxic glutamate insults and inhibiting autophagy. Phytomedicine, 2016, 23, 1638-1646.	5.3	18
78	Early intervention attenuates synaptic plasticity impairment and neuroinflammation in 5xFAD mice. Journal of Psychiatric Research, 2021, 136, 204-216.	3.1	18
79	Angiotensin II induces calcium-mediated autophagy in podocytes through enhancing reactive oxygen species levels. Chemico-Biological Interactions, 2017, 277, 110-118.	4.0	17
80	Annexin 1 inhibits remifentanil-induced hyperalgesia and NMDA receptor phosphorylation via regulating spinal CXCL12/CXCR4 in rats. Neuroscience Research, 2019, 144, 48-55.	1.9	17
81	Down-regulation of MST1 in hippocampus protects against stress-induced depression-like behaviours and synaptic plasticity impairments. Brain, Behavior, and Immunity, 2021, 94, 196-209.	4.1	17
82	Impaired hippocampal synaptic plasticity in C6 glioma-bearing rats. Journal of Neuro-Oncology, 2011, 103, 469-477.	2.9	16
83	Urethane suppresses hippocampal CA1 neuron excitability via changes in presynaptic glutamate release and in potassium channel activity. Brain Research Bulletin, 2012, 87, 420-426.	3.0	16
84	miR-200 family promotes podocyte differentiation through repression of RSAD2. Scientific Reports, 2016, 6, 27105.	3.3	16
85	The inhibitory effect of angiotensin II on BKCa channels in podocytes via oxidative stress. Molecular and Cellular Biochemistry, 2015, 398, 217-222.	3.1	15
86	AGâ€1031 induced autophagic cell death and apoptosis in C6 glioma cells associated with Notchâ€1 signaling pathway. Journal of Cellular Biochemistry, 2018, 119, 5893-5903.	2.6	15
87	Neuroprotective Nanoscavenger Induces Coaggregation of β-Amyloid and Facilitates Its Clearance in Alzheimer's Disease Brain. CCS Chemistry, 2021, 3, 2316-2330.	7.8	15
88	Asparagine endopeptidase-targeted Ultrasound-responsive Nanobubbles Alleviate Tau Cleavage and Amyloid-β Deposition in an Alzheimer's Disease Model. Acta Biomaterialia, 2022, 141, 388-397.	8.3	15
89	Paradoxical effects of <scp>VEGF</scp> on synaptic activity partially involved in notch1 signaling in the mouse hippocampus. Hippocampus, 2016, 26, 589-600.	1.9	14
90	Transcranial Magneto-Acoustic Stimulation Improves Neuroplasticity in Hippocampus of Parkinson's Disease Model Mice. Neurotherapeutics, 2019, 16, 1210-1224.	4.4	14

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91	AVNP2 protects against cognitive impairments induced by C6 glioma by suppressing tumour associated inflammation in rats. Brain, Behavior, and Immunity, 2020, 87, 645-659.	4.1	14
92	Voluntary running-enhanced synaptic plasticity, learning and memory are mediated by Notch1 signal pathway in C57BL mice. Brain Structure and Function, 2018, 223, 749-767.	2.3	12
93	Etidronate–zinc Complex Ameliorated Cognitive and Synaptic Plasticity Impairments in 2-Vessel Occlusion Model Rats by Reducing Neuroinflammation. Neuroscience, 2018, 390, 206-217.	2.3	12
94	Pretreatment-Etidronate Alleviates CoCl2 Induced-SH-SY5Y Cell Apoptosis via Decreased HIF-1α and TRPC5 Channel Proteins. Neurochemical Research, 2019, 44, 428-440.	3.3	12
95	Knockdown of Follistatin-like 1 disrupts synaptic transmission in hippocampus and leads to cognitive impairments. Experimental Neurology, 2020, 333, 113412.	4.1	12
96	Lung injury after cardiopulmonary bypass: Alternative treatment prospects. World Journal of Clinical Cases, 2022, 10, 753-761.	0.8	12
97	Multiscale Cross Entropy: A Novel Algorithm for Analyzing Two Time Series. , 2009, , .		11
98	Protective Effects of Bexarotene against Amyloid-β ₂₅₋₃₅ -Induced Dysfunction in Hippocampal Neurons through the Insulin Signaling Pathway. Neurodegenerative Diseases, 2014, 14, 77-84.	1.4	11
99	Developmental changes in the expression and function of TRPC6 channels related the F-actin organization during differentiation in podocytes. Cell Calcium, 2015, 58, 541-548.	2.4	11
100	Timing-dependent LTP and LTD in mouse primary visual cortex following different visual deprivation models. PLoS ONE, 2017, 12, e0176603.	2.5	11
101	U1 small nuclear RNA overexpression implicates autophagic-lysosomal system associated with AD. Neuroscience Research, 2018, 136, 48-55.	1.9	11
102	Tacrine accelerates spatial long-term memory via improving impaired neural oscillations and modulating GAD isomers including neuro-receptors in the hippocampus of APP/PS1 AD mice. Brain Research Bulletin, 2020, 161, 166-176.	3.0	11
103	MiR-429/200a/200b negatively regulate Notch1 signaling pathway to suppress CoCl2-induced apoptosis in PC12 cells. Toxicology in Vitro, 2020, 65, 104787.	2.4	11
104	Legumain knockout improved cognitive impairment via reducing neuroinflammation in right unilateral common carotid artery occlusion mice. Life Sciences, 2021, 285, 119944.	4.3	11
105	MiRNA expression profile and miRNA–mRNA integrated analysis (MMIA) during podocyte differentiation. Molecular Genetics and Genomics, 2015, 290, 863-875.	2.1	10
106	Both Gfrα1a and Gfrα1b Are Involved in the Self-Renewal and Maintenance of Spermatogonial Stem Cells in Medaka. Stem Cells and Development, 2018, 27, 1658-1670.	2.1	10
107	TRPC6-Mediated Ca2+ Entry Essential for the Regulation of Nano-ZnO Induced Autophagy in SH-SY5Y Cells. Neurochemical Research, 2020, 45, 1602-1613.	3.3	10
108	Angiotensin II induces cognitive decline and anxiety-like behavior via disturbing pattern of theta-gamma oscillations. Brain Research Bulletin, 2021, 174, 84-91.	3.0	10

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109	Increased response to oxidative stress challenge of nano-copper-induced apoptosis in mesangial cells. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	9
110	The possible relationship between expressions of TRPC3/5 channels and cognitive changes in rat model of chronic unpredictable stress. Behavioural Brain Research, 2015, 290, 180-186.	2.2	9
111	Hyperforin alleviates mood deficits of adult rats suffered from early separation. Neuroscience Letters, 2015, 608, 1-5.	2.1	9
112	Improving mechanical properties of ramie/poly (lactic acid) composites by synergistic effect of fabric cyclic loading and alkali treatment. Journal of Industrial Textiles, 2017, 47, 390-407.	2.4	9
113	Arginine vasopressin attenuates dysfunction of hippocampal theta and gamma oscillations in chronic cerebral hypoperfusion via V1a receptor. Brain Research Bulletin, 2019, 153, 84-92.	3.0	9
114	The inhibition of BDNF/TrkB/PI3K/Akt signal mediated by AG1601 promotes apoptosis in malignant glioma. Journal of Cellular Biochemistry, 2019, 120, 18771-18781.	2.6	9
115	Hyperforin alleviates the psychiatric disorders of adult rats suffered from early maternal separation via activating autophagy. Neuroscience Letters, 2021, 750, 135750.	2.1	9
116	MST1 mediates neuronal loss and cognitive deficits: A novel therapeutic target for Alzheimer's disease. Progress in Neurobiology, 2022, 214, 102280.	5.7	9
117	Involvement of reactive oxygen species and high-voltage-activated calcium currents in nanoparticle zinc oxide-induced cytotoxicity in vitro. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	8
118	Peroxynitrite alters GABAergic synaptic transmission in immature rat hippocampal slices. Neuroscience Research, 2013, 75, 210-217.	1.9	8
119	Attenuated effect of tungsten carbide nanoparticles on voltage-gated sodium current of hippocampal CA1 pyramidal neurons. Toxicology in Vitro, 2013, 27, 299-304.	2.4	8
120	In vitro assessment of the effect of methylene blue on voltage-gated sodium channels and action potentials in rat hippocampal CA1 pyramidal neurons. NeuroToxicology, 2010, 31, 724-729.	3.0	7
121	Effects of miR-200b-3p inhibition on the TRPC6 and BKCa channels of podocytes. Archives of Biochemistry and Biophysics, 2018, 653, 80-89.	3.0	7
122	Excessive corticosterone induces excitotoxicity of hippocampal neurons and sensitivity of potassium channels via insulin-signaling pathway. Metabolic Brain Disease, 2019, 34, 119-128.	2.9	7
123	Nano-CuO causes cell damage through activation of dose-dependent autophagy and mitochondrial IncCyt b-AS/ND5-AS/ND6-AS in SH-SY5Y cells. Toxicology Mechanisms and Methods, 2022, 32, 37-48.	2.7	7
124	Notch1 participates in the activation of autophagy in the hippocampus of type I diabetic mice. Neurochemistry International, 2021, 150, 105156.	3.8	7
125	The Expression of EPOR in Renal Cortex during Postnatal Development. PLoS ONE, 2012, 7, e41993.	2.5	7
126	Synchrony analysis between blood pressure and sympathetic nerve signal inhibited by atrial receptor stimulation in Wistar rats. Experimental Physiology, 2002, 87, 461-468.	2.0	6

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127	Neuroprotective Effect of Leukemia Inhibitory Factor on Antimycin A-Induced Oxidative Injury in Differentiated PC12 Cells. Journal of Molecular Neuroscience, 2013, 50, 577-585.	2.3	6
128	Leukemia Inhibitory Factor Is Essential for the Self-Renewal of Embryonic Stem Cells from Nile Tilapia (<i>Oreochromis niloticus</i>) Through Stat3 Signaling. Stem Cells and Development, 2018, 27, 123-132.	2.1	6
129	High-Resolution Transcranial Electrical Simulation for Living Mice Based on Magneto-Acoustic Effect. Frontiers in Neuroscience, 2019, 13, 1342.	2.8	6
130	Novel Multitarget Directed Tacrine Hybrids as Anti-Alzheimer's Compounds Improved Synaptic Plasticity and Cognitive Impairment in APP/PS1 Transgenic Mice. ACS Chemical Neuroscience, 2020, 11, 4316-4328.	3.5	6
131	DFO treatment protects against depression-like behaviors and cognitive impairment in CUMS mice. Brain Research Bulletin, 2022, 187, 75-84.	3.0	6
132	Developmental changes of BKCa channels depend on differentiation status in cultured podocytes. In Vitro Cellular and Developmental Biology - Animal, 2013, 49, 205-211.	1.5	5
133	Distinct Impacts of Fullerene on Cognitive Functions of Dementia vs. Non-dementia Mice. Neurotoxicity Research, 2019, 36, 736-745.	2.7	5
134	Legumain knockout improves repeated corticosterone injection-induced depression-like emotional and cognitive deficits. Behavioural Brain Research, 2021, 413, 113464.	2.2	5
135	Knockdown of FSTL1 inhibits microglia activation and alleviates depressive-like symptoms through modulating TLR4/MyD88/NF-κB pathway in CUMS mice. Experimental Neurology, 2022, 353, 114060.	4.1	5
136	AG-1031 and AG-1503 improve cognitive deficits by promoting apoptosis and inhibiting autophagy in C6 glioma model rats. Brain Research, 2018, 1699, 1-8.	2.2	4
137	Legumain acts on neuroinflammatory to affect CUS-induced cognitive impairment. Behavioural Brain Research, 2019, 376, 112219.	2.2	4
138	Combination of Isoflurane and Propofol as General Anesthesia During Orthopedic Surgery of Perioperative Cerebral Hypoperfusion Rats to Avoid Cognitive Impairment. Frontiers in Medicine, 2020, 7, 549081.	2.6	4
139	Nephrotoxicity and genotoxicity of silver nanoparticles in juvenile rats and possible mechanisms of action. Arhiv Za Higijenu Rada I Toksikologiju, 2020, 71, 121-129.	0.7	4
140	Asparagine endopeptidase deletion ameliorates cognitive impairments by inhibiting proinflammatory microglial activation in MPTP mouse model of Parkinson disease. Brain Research Bulletin, 2022, 178, 120-130.	3.0	4
141	Establishment of a stem Leydig cell line capable of 11-ketotestosterone production. Reproduction, Fertility and Development, 2020, 32, 1271.	0.4	3
142	Rapamycin Pretreatment Attenuates High Glucose-induced Alteration of Synaptic Transmission in Hippocampal Dentate Gyrus Neurons. Neuroscience, 2022, 490, 182-192.	2.3	3
143	Melamine induces autophagy in mesangial cells via enhancing ROS level. Toxicology Mechanisms and Methods, 2015, 25, 581-7.	2.7	3
144	Effects of ionic products from silicon-substituted hydroxyapatite on the rat brain activity: Morris water maze studies and long term potentiation in hippocampal CA1. Materials Science and Engineering C, 2011, 31, 1558-1566.	7.3	2

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145	1% Isoflurane and 1.2 μg/ml of Propofol: A Combination of Anesthetics That Causes the Least Damage to Hypoxic Neurons. Frontiers in Aging Neuroscience, 2020, 12, 591938.	3.4	2
146	Evaluation of the Effect of Acute and Subacute Exposure to TiO2 Nanoparticles on Oxidative Stress. Methods in Molecular Biology, 2013, 1028, 135-145.	0.9	2
147	Social Deficits and Cerebellar Degeneration in Purkinje Cell Scn8a Knockout Mice. Frontiers in Molecular Neuroscience, 2022, 15, 822129.	2.9	2
148	TRPC6 interacted with KCa1.1 channels to regulate the proliferation and apoptosis of glioma cells. Archives of Biochemistry and Biophysics, 2022, 725, 109268.	3.0	2
149	Different Expressions of Large-conductance Ca2+-activated K+ Channels in the Mouse Renal Cortex and Hippocampus During Postnatal Development. Applied Immunohistochemistry and Molecular Morphology, 2015, 23, 146-152.	1.2	1
150	Reaction–Diffusion Model-Based Research on Formation Mechanism of Neuron Dendritic Spine Patterns. Frontiers in Neurorobotics, 2021, 15, 563682.	2.8	1
151	Component Vector method and Its Application in Detecting Similarities between Sequences. , 2009, , .		0
152	StrandPairsViewer: A Toolkit for Visualization and Analysis of Amino Acids Pairs in Protein Sheet Structures. , 2009, , .		0
153	Desktop Software for Patch-Clamp Raw Binary Data Conversion and Preprocessing. Journal of Electrical and Computer Engineering, 2011, 2011, 1-7.	0.9	0
154	Using the Whole Cell Patch Clamp Technique to Study the Effect of Nanoparticles in Hippocampal Neurons. Neuromethods, 2018, , 187-202.	0.3	0
155	Autophagy and Stem Cells. Pancreatic Islet Biology, 2018, , 1-20.	0.3	0