

Zhuo Yang

List of Publications by Year in descending order

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155
papers

3,995
citations

126708

33
h-index

168136

53
g-index

156
all docs

156
docs citations

156
times ranked

5206
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-CuO causes cell damage through activation of dose-dependent autophagy and mitochondrial IncCyt b-AS/ND5-AS/ND6-AS in SH-SY5Y cells. <i>Toxicology Mechanisms and Methods</i> , 2022, 32, 37-48.	1.3	7
2	Asparagine endopeptidase deletion ameliorates cognitive impairments by inhibiting proinflammatory microglial activation in MPTP mouse model of Parkinson disease. <i>Brain Research Bulletin</i> , 2022, 178, 120-130.	1.4	4
3	Lung injury after cardiopulmonary bypass: Alternative treatment prospects. <i>World Journal of Clinical Cases</i> , 2022, 10, 753-761.	0.3	12
4	Asparagine endopeptidase-targeted Ultrasound-responsive Nanobubbles Alleviate Tau Cleavage and Amyloid- β^2 Deposition in an Alzheimer's Disease Model. <i>Acta Biomaterialia</i> , 2022, 141, 388-397.	4.1	15
5	Rapamycin Pretreatment Attenuates High Glucose-induced Alteration of Synaptic Transmission in Hippocampal Dentate Gyrus Neurons. <i>Neuroscience</i> , 2022, 490, 182-192.	1.1	3
6	Knockdown of FSTL1 inhibits microglia activation and alleviates depressive-like symptoms through modulating TLR4/MyD88/NF- κ B pathway in CUMS mice. <i>Experimental Neurology</i> , 2022, 353, 114060.	2.0	5
7	Social Deficits and Cerebellar Degeneration in Purkinje Cell Scn8a Knockout Mice. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 822129.	1.4	2
8	TRPC6 interacted with KCa1.1 channels to regulate the proliferation and apoptosis of glioma cells. <i>Archives of Biochemistry and Biophysics</i> , 2022, 725, 109268.	1.4	2
9	MST1 mediates neuronal loss and cognitive deficits: A novel therapeutic target for Alzheimer's disease. <i>Progress in Neurobiology</i> , 2022, 214, 102280.	2.8	9
10	DFO treatment protects against depression-like behaviors and cognitive impairment in CUMS mice. <i>Brain Research Bulletin</i> , 2022, 187, 75-84.	1.4	6
11	Graphene Oxide Ameliorates the Cognitive Impairment Through Inhibiting PI3K/Akt/mTOR Pathway to Induce Autophagy in AD Mouse Model. <i>Neurochemical Research</i> , 2021, 46, 309-325.	1.6	28
12	Early intervention attenuates synaptic plasticity impairment and neuroinflammation in 5xFAD mice. <i>Journal of Psychiatric Research</i> , 2021, 136, 204-216.	1.5	18
13	Hyperforin alleviates the psychiatric disorders of adult rats suffered from early maternal separation via activating autophagy. <i>Neuroscience Letters</i> , 2021, 750, 135750.	1.0	9
14	Sodium butyrate ameliorates the impairment of synaptic plasticity by inhibiting the neuroinflammation in 5XFAD mice. <i>Chemico-Biological Interactions</i> , 2021, 341, 109452.	1.7	71
15	Down-regulation of MST1 in hippocampus protects against stress-induced depression-like behaviours and synaptic plasticity impairments. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 196-209.	2.0	17
16	Rapamycin Activates Mitophagy and Alleviates Cognitive and Synaptic Plasticity Deficits in a Mouse Model of Alzheimer's Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1707-1713.	1.7	38
17	Reaction-Diffusion Model-Based Research on Formation Mechanism of Neuron Dendritic Spine Patterns. <i>Frontiers in Neurorobotics</i> , 2021, 15, 563682.	1.6	1
18	Hydrogen sulfide alleviates the anxiety-like and depressive-like behaviors of type 1 diabetic mice via inhibiting inflammation and ferroptosis. <i>Life Sciences</i> , 2021, 278, 119551.	2.0	42

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19	Neuroprotective Nanoscavenger Induces Coaggregation of β -Amyloid and Facilitates Its Clearance in Alzheimer's Disease Brain. <i>CCS Chemistry</i> , 2021, 3, 2316-2330.	4.6	15
20	Angiotensin II induces cognitive decline and anxiety-like behavior via disturbing pattern of theta-gamma oscillations. <i>Brain Research Bulletin</i> , 2021, 174, 84-91.	1.4	10
21	Legumain knockout improves repeated corticosterone injection-induced depression-like emotional and cognitive deficits. <i>Behavioural Brain Research</i> , 2021, 413, 113464.	1.2	5
22	Legumain knockout improved cognitive impairment via reducing neuroinflammation in right unilateral common carotid artery occlusion mice. <i>Life Sciences</i> , 2021, 285, 119944.	2.0	11
23	Notch1 participates in the activation of autophagy in the hippocampus of type I diabetic mice. <i>Neurochemistry International</i> , 2021, 150, 105156.	1.9	7
24	Dulcitol suppresses proliferation and migration of hepatocellular carcinoma via regulating SIRT1/p53 pathway. <i>Phytomedicine</i> , 2020, 66, 153112.	2.3	36
25	Novel Multitarget Directed Tacrine Hybrids as Anti-Alzheimer's Compounds Improved Synaptic Plasticity and Cognitive Impairment in APP/PS1 Transgenic Mice. <i>ACS Chemical Neuroscience</i> , 2020, 11, 4316-4328.	1.7	6
26	Knockdown of Follistatin-like 1 disrupts synaptic transmission in hippocampus and leads to cognitive impairments. <i>Experimental Neurology</i> , 2020, 333, 113412.	2.0	12
27	Combination of Isoflurane and Propofol as General Anesthesia During Orthopedic Surgery of Perioperative Cerebral Hypoperfusion Rats to Avoid Cognitive Impairment. <i>Frontiers in Medicine</i> , 2020, 7, 549081.	1.2	4
28	1% Isoflurane and 1.2 μ g/ml of Propofol: A Combination of Anesthetics That Causes the Least Damage to Hypoxic Neurons. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 591938.	1.7	2
29	Early-stage dysfunction of hippocampal theta and gamma oscillations and its modulation of neural network in a transgenic 5xFAD mouse model. <i>Neurobiology of Aging</i> , 2020, 94, 121-129.	1.5	22
30	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. <i>Brain Research Bulletin</i> , 2020, 161, 166-176.	1.4	11
31	Nephrotoxicity and genotoxicity of silver nanoparticles in juvenile rats and possible mechanisms of action. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2020, 71, 121-129.	0.4	4
32	AVNP2 protects against cognitive impairments induced by C6 glioma by suppressing tumour associated inflammation in rats. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 645-659.	2.0	14
33	MiR-429/200a/200b negatively regulate Notch1 signaling pathway to suppress CoCl ₂ -induced apoptosis in PC12 cells. <i>Toxicology in Vitro</i> , 2020, 65, 104787.	1.1	11
34	A New Rat Model of Chronic Cerebral Hypoperfusion Resulting in Early-Stage Vascular Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 86.	1.7	26
35	TRPC6-Mediated Ca ²⁺ Entry Essential for the Regulation of Nano-ZnO Induced Autophagy in SH-SY5Y Cells. <i>Neurochemical Research</i> , 2020, 45, 1602-1613.	1.6	10
36	Graphene oxide enhances β -amyloid clearance by inducing autophagy of microglia and neurons. <i>Chemico-Biological Interactions</i> , 2020, 325, 109126.	1.7	33

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37	Establishment of a stem Leydig cell line capable of 11-ketotestosterone production. <i>Reproduction, Fertility and Development</i> , 2020, 32, 1271.	0.1	3
38	Annexin 1 inhibits remifentanyl-induced hyperalgesia and NMDA receptor phosphorylation via regulating spinal CXCL12/CXCR4 in rats. <i>Neuroscience Research</i> , 2019, 144, 48-55.	1.0	17
39	Arginine vasopressin attenuates dysfunction of hippocampal theta and gamma oscillations in chronic cerebral hypoperfusion via V1a receptor. <i>Brain Research Bulletin</i> , 2019, 153, 84-92.	1.4	9
40	Legumain acts on neuroinflammatory to affect CUS-induced cognitive impairment. <i>Behavioural Brain Research</i> , 2019, 376, 112219.	1.2	4
41	The inhibition of BDNF/TrkB/PI3K/Akt signal mediated by AG1601 promotes apoptosis in malignant glioma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18771-18781.	1.2	9
42	Distinct Impacts of Fullerene on Cognitive Functions of Dementia vs. Non-dementia Mice. <i>Neurotoxicity Research</i> , 2019, 36, 736-745.	1.3	5
43	Transcranial Magneto-Acoustic Stimulation Improves Neuroplasticity in Hippocampus of Parkinson's Disease Model Mice. <i>Neurotherapeutics</i> , 2019, 16, 1210-1224.	2.1	14
44	High-Resolution Transcranial Electrical Stimulation for Living Mice Based on Magneto-Acoustic Effect. <i>Frontiers in Neuroscience</i> , 2019, 13, 1342.	1.4	6
45	Pretreatment-Etidronate Alleviates CoCl ₂ Induced-SH-SY5Y Cell Apoptosis via Decreased HIF-1 α and TRPC5 Channel Proteins. <i>Neurochemical Research</i> , 2019, 44, 428-440.	1.6	12
46	Excessive corticosterone induces excitotoxicity of hippocampal neurons and sensitivity of potassium channels via insulin-signaling pathway. <i>Metabolic Brain Disease</i> , 2019, 34, 119-128.	1.4	7
47	AG1031 induced autophagic cell death and apoptosis in C6 glioma cells associated with Notch1 signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5893-5903.	1.2	15
48	U1 small nuclear RNA overexpression implicates autophagic-lysosomal system associated with AD. <i>Neuroscience Research</i> , 2018, 136, 48-55.	1.0	11
49	Maternal Separation Induces Different Autophagic Responses in the Hippocampus and Prefrontal Cortex of Adult Rats. <i>Neuroscience</i> , 2018, 374, 287-294.	1.1	36
50	Using the Whole Cell Patch Clamp Technique to Study the Effect of Nanoparticles in Hippocampal Neurons. <i>Neuromethods</i> , 2018, , 187-202.	0.2	0
51	Voluntary running-enhanced synaptic plasticity, learning and memory are mediated by Notch1 signal pathway in C57BL mice. <i>Brain Structure and Function</i> , 2018, 223, 749-767.	1.2	12
52	Leukemia Inhibitory Factor Is Essential for the Self-Renewal of Embryonic Stem Cells from Nile Tilapia (<i>Oreochromis niloticus</i>) Through Stat3 Signaling. <i>Stem Cells and Development</i> , 2018, 27, 123-132.	1.1	6
53	Both Gfr α 1a and Gfr α 1b Are Involved in the Self-Renewal and Maintenance of Spermatogonial Stem Cells in Medaka. <i>Stem Cells and Development</i> , 2018, 27, 1658-1670.	1.1	10
54	Autophagy and Stem Cells. <i>Pancreatic Islet Biology</i> , 2018, , 1-20.	0.1	0

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55	Etidronateâ€zinc Complex Ameliorated Cognitive and Synaptic Plasticity Impairments in 2-Vessel Occlusion Model Rats by Reducing Neuroinflammation. <i>Neuroscience</i> , 2018, 390, 206-217.	1.1	12
56	AG-1031 and AG-1503 improve cognitive deficits by promoting apoptosis and inhibiting autophagy in C6 glioma model rats. <i>Brain Research</i> , 2018, 1699, 1-8.	1.1	4
57	Deletion of asparagine endopeptidase reduces anxiety- and depressive-like behaviors and improves abilities of spatial cognition in mice. <i>Brain Research Bulletin</i> , 2018, 142, 147-155.	1.4	23
58	Effects of miR-200b-3p inhibition on the TRPC6 and BKCa channels of podocytes. <i>Archives of Biochemistry and Biophysics</i> , 2018, 653, 80-89.	1.4	7
59	Autophagy is required for human umbilical cord mesenchymal stem cells to improve spatial working memory in APP/PS1 transgenic mouse model. <i>Stem Cell Research and Therapy</i> , 2018, 9, 9.	2.4	20
60	Rapamycin Effectively Impedes Melamine-Induced Impairments of Cognition and Synaptic Plasticity in Wistar Rats. <i>Molecular Neurobiology</i> , 2017, 54, 819-832.	1.9	35
61	Improving mechanical properties of ramie/poly (lactic acid) composites by synergistic effect of fabric cyclic loading and alkali treatment. <i>Journal of Industrial Textiles</i> , 2017, 47, 390-407.	1.1	9
62	Autophagy is involved in mouse kidney development and podocyte differentiation regulated by Notch signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1315-1328.	1.6	24
63	Resveratrol Attenuates A β -Induced Early Hippocampal Neuron Excitability Impairment via Recovery of Function of Potassium Channels. <i>Neurotoxicity Research</i> , 2017, 32, 311-324.	1.3	21
64	Angiotensin II induces calcium-mediated autophagy in podocytes through enhancing reactive oxygen species levels. <i>Chemico-Biological Interactions</i> , 2017, 277, 110-118.	1.7	17
65	Propofol inhibits invasion and proliferation of C6 glioma cells by regulating the Ca ²⁺ permeable AMPA receptor-system α -calmodulin pathway. <i>Toxicology in Vitro</i> , 2017, 44, 57-65.	1.1	24
66	Gastrin-releasing peptide facilitates glutamatergic transmission in the hippocampus and effectively prevents vascular dementia induced cognitive and synaptic plasticity deficits. <i>Experimental Neurology</i> , 2017, 287, 75-83.	2.0	27
67	Etidronate rescues cognitive deficits through improving synaptic transmission and suppressing apoptosis in 2-vessel occlusion model rats. <i>Journal of Neurochemistry</i> , 2017, 140, 476-484.	2.1	21
68	Timing-dependent LTP and LTD in mouse primary visual cortex following different visual deprivation models. <i>PLoS ONE</i> , 2017, 12, e0176603.	1.1	11
69	Paradoxical effects of VEGF on synaptic activity partially involved in notch1 signaling in the mouse hippocampus. <i>Hippocampus</i> , 2016, 26, 589-600.	0.9	14
70	Autophagy ameliorates cognitive impairment through activation of PVT1 and apoptosis in diabetes mice. <i>Behavioural Brain Research</i> , 2016, 305, 265-277.	1.2	60
71	Leonurine ameliorates cognitive dysfunction via antagonizing excitotoxic glutamate insults and inhibiting autophagy. <i>Phytomedicine</i> , 2016, 23, 1638-1646.	2.3	18
72	Nano-TiO ₂ induces autophagy to protect against cell death through antioxidative mechanism in podocytes. <i>Cell Biology and Toxicology</i> , 2016, 32, 513-527.	2.4	46

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73	miR-200 family promotes podocyte differentiation through repression of RSAD2. <i>Scientific Reports</i> , 2016, 6, 27105.	1.6	16
74	Autophagy Alleviates Melamine-Induced Cell Death in PC12 Cells Via Decreasing ROS Level. <i>Molecular Neurobiology</i> , 2016, 53, 1718-1729.	1.9	31
75	Neuroprotective Effects of Etidronate and 2,3,3-Trisphosphonate Against Glutamate-Induced Toxicity in PC12 Cells. <i>Neurochemical Research</i> , 2016, 41, 844-854.	1.6	23
76	Zinc oxide nanoparticles induce renal toxicity through reactive oxygen species. <i>Food and Chemical Toxicology</i> , 2016, 90, 76-83.	1.8	71
77	Triptolide attenuated injury via inhibiting oxidative stress in Amyloid-Beta25 β 35-treated differentiated PC12 cells. <i>Life Sciences</i> , 2016, 145, 19-26.	2.0	30
78	Hydrogen Sulfide Prevents Synaptic Plasticity from VD-Induced Damage via Akt/GSK-3 β Pathway and Notch Signaling Pathway in Rats. <i>Molecular Neurobiology</i> , 2016, 53, 4159-4172.	1.9	28
79	Triptolide Inhibited Cytotoxicity of Differentiated PC12 Cells Induced by Amyloid-Beta25 β 35 via the Autophagy Pathway. <i>PLoS ONE</i> , 2015, 10, e0142719.	1.1	35
80	Developmental changes in the expression and function of TRPC6 channels related the F-actin organization during differentiation in podocytes. <i>Cell Calcium</i> , 2015, 58, 541-548.	1.1	11
81	MiRNA expression profile and miRNA \leftrightarrow mRNA integrated analysis (MMIA) during podocyte differentiation. <i>Molecular Genetics and Genomics</i> , 2015, 290, 863-875.	1.0	10
82	The possible relationship between expressions of TRPC3/5 channels and cognitive changes in rat model of chronic unpredictable stress. <i>Behavioural Brain Research</i> , 2015, 290, 180-186.	1.2	9
83	MKL1 inhibits cell cycle progression through p21 in podocytes. <i>BMC Molecular Biology</i> , 2015, 16, 1.	3.0	23
84	Different Expressions of Large-conductance Ca ²⁺ -activated K ⁺ Channels in the Mouse Renal Cortex and Hippocampus During Postnatal Development. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2015, 23, 146-152.	0.6	1
85	Effects of ROS-relative NF- κ B signaling on high glucose-induced TLR4 and MCP-1 expression in podocyte injury. <i>Molecular Immunology</i> , 2015, 68, 261-271.	1.0	63
86	Toxicology of nanosized titanium dioxide: an update. <i>Archives of Toxicology</i> , 2015, 89, 2207-2217.	1.9	101
87	The change of spatial cognition ability in depression rat model and the possible association with down-regulated protein expression of TRPC6. <i>Behavioural Brain Research</i> , 2015, 294, 186-193.	1.2	22
88	Cognitive deficits induced by multi-walled carbon nanotubes via the autophagic pathway. <i>Toxicology</i> , 2015, 337, 21-29.	2.0	39
89	Hyperforin alleviates mood deficits of adult rats suffered from early separation. <i>Neuroscience Letters</i> , 2015, 608, 1-5.	1.0	9
90	The inhibitory effect of angiotensin II on BKCa channels in podocytes via oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2015, 398, 217-222.	1.4	15

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91	Melamine induces autophagy in mesangial cells via enhancing ROS level. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 581-7.	1.3	3
92	Increased response to oxidative stress challenge of nano-copper-induced apoptosis in mesangial cells. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	9
93	Myocardial infarction induces cognitive impairment by increasing the production of hydrogen peroxide in adult rat hippocampus. <i>Neuroscience Letters</i> , 2014, 560, 112-116.	1.0	18
94	Multi-walled carbon nanotube inhibits CA1 glutamatergic synaptic transmission in rat's hippocampal slices. <i>Toxicology Letters</i> , 2014, 229, 423-429.	0.4	20
95	Crosstalk between protective autophagy and NF- κ B signal in high glucose-induced podocytes. <i>Molecular and Cellular Biochemistry</i> , 2014, 394, 261-273.	1.4	19
96	Hydroxysafflor yellow A improves learning and memory in a rat model of vascular dementia by increasing VEGF and NR1 in the hippocampus. <i>Neuroscience Bulletin</i> , 2014, 30, 417-424.	1.5	28
97	Protective Effects of Bexarotene against Amyloid- β -Induced Dysfunction in Hippocampal Neurons through the Insulin Signaling Pathway. <i>Neurodegenerative Diseases</i> , 2014, 14, 77-84.	0.8	11
98	Effect of titanium dioxide nanoparticles on zebrafish embryos and developing retina. <i>International Journal of Ophthalmology</i> , 2014, 7, 917-23.	0.5	25
99	Nanosized copper oxide induces apoptosis through oxidative stress in podocytes. <i>Archives of Toxicology</i> , 2013, 87, 1067-1073.	1.9	64
100	Developmental changes of BKCa channels depend on differentiation status in cultured podocytes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 205-211.	0.7	5
101	Neuroprotective Effect of Leukemia Inhibitory Factor on Antimycin A-Induced Oxidative Injury in Differentiated PC12 Cells. <i>Journal of Molecular Neuroscience</i> , 2013, 50, 577-585.	1.1	6
102	Peroxynitrite alters GABAergic synaptic transmission in immature rat hippocampal slices. <i>Neuroscience Research</i> , 2013, 75, 210-217.	1.0	8
103	Melamine induced spatial cognitive deficits associated with impairments of hippocampal long-term depression and cholinergic system in Wistar rats. <i>Neurobiology of Learning and Memory</i> , 2013, 100, 18-24.	1.0	39
104	Multi-walled carbon nanotube increases the excitability of hippocampal CA1 neurons through inhibition of potassium channels in rat's brain slices. <i>Toxicology Letters</i> , 2013, 217, 121-128.	0.4	24
105	Attenuated effect of tungsten carbide nanoparticles on voltage-gated sodium current of hippocampal CA1 pyramidal neurons. <i>Toxicology in Vitro</i> , 2013, 27, 299-304.	1.1	8
106	Imbalanced Synaptic Plasticity Induced Spatial Cognition Impairment in Male Offspring Rats Treated with Chronic Prenatal Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 763-770.	1.4	41
107	Evaluation of the Effect of Acute and Subacute Exposure to TiO ₂ Nanoparticles on Oxidative Stress. <i>Methods in Molecular Biology</i> , 2013, 1028, 135-145.	0.4	2
108	Nano copper induced apoptosis in podocytes via increasing oxidative stress. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 279-286.	6.5	44

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109	Involvement of reactive oxygen species and high-voltage-activated calcium currents in nanoparticle zinc oxide-induced cytotoxicity in vitro. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	8
110	In vitro toxicity of multi-walled carbon nanotubes in C6 rat glioma cells. <i>NeuroToxicology</i> , 2012, 33, 1128-1134.	1.4	81
111	l-3-n-butylphthalide improves cognitive deficits in rats with chronic cerebral ischemia. <i>Neuropharmacology</i> , 2012, 62, 2424-2429.	2.0	54
112	Inhibitory effect of tungsten carbide nanoparticles on voltage-gated potassium currents of hippocampal CA1 neurons. <i>Toxicology Letters</i> , 2012, 209, 129-135.	0.4	22
113	The possible mechanism of silver nanoparticle impact on hippocampal synaptic plasticity and spatial cognition in rats. <i>Toxicology Letters</i> , 2012, 209, 227-231.	0.4	90
114	Cognitive impairment in rats induced by nano-CuO and its possible mechanisms. <i>Toxicology Letters</i> , 2012, 213, 220-227.	0.4	102
115	Urethane suppresses hippocampal CA1 neuron excitability via changes in presynaptic glutamate release and in potassium channel activity. <i>Brain Research Bulletin</i> , 2012, 87, 420-426.	1.4	16
116	Nano-Ag inhibiting action potential independent glutamatergic synaptic transmission but increasing excitability in rat CA1 pyramidal neurons. <i>Nanotoxicology</i> , 2012, 6, 414-423.	1.6	24
117	In vitro toxicity of nanosized copper particles in PC12 cells induced by oxidative stress. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	22
118	Protective effects of leukemia inhibitory factor against oxidative stress during high glucose-induced apoptosis in podocytes. <i>Cell Stress and Chaperones</i> , 2012, 17, 485-493.	1.2	26
119	Melamine induced cognitive impairment associated with oxidative damage in rat's hippocampus. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 196-202.	1.3	55
120	Effects of nanoparticle zinc oxide on spatial cognition and synaptic plasticity in mice with depressive-like behaviors. <i>Journal of Biomedical Science</i> , 2012, 19, 14.	2.6	94
121	Oxidative stress and apoptosis induced by hydroxyapatite nanoparticles in C6 cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 738-745.	2.1	61
122	Expression of TRPC6 in Renal Cortex and Hippocampus of Mouse during Postnatal Development. <i>PLoS ONE</i> , 2012, 7, e38503.	1.1	20
123	The Expression of EPOR in Renal Cortex during Postnatal Development. <i>PLoS ONE</i> , 2012, 7, e41993.	1.1	7
124	Protective effect of trifluoperazine on hydrogen peroxide-induced apoptosis in PC12 cells. <i>Brain Research Bulletin</i> , 2011, 84, 183-188.	1.4	27
125	Impairments of behavior, information flow between thalamus and cortex, and prefrontal cortical synaptic plasticity in an animal model of depression. <i>Brain Research Bulletin</i> , 2011, 85, 109-116.	1.4	43
126	Cognitive deficits induced by melamine in rats. <i>Toxicology Letters</i> , 2011, 206, 276-280.	0.4	54

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127	Melamine impairs spatial cognition and hippocampal synaptic plasticity by presynaptic inhibition of glutamatergic transmission in infant rats. <i>Toxicology</i> , 2011, 289, 167-174.	2.0	40
128	Effects of ionic products from silicon-substituted hydroxyapatite on the rat brain activity: Morris water maze studies and long term potentiation in hippocampal CA1. <i>Materials Science and Engineering C</i> , 2011, 31, 1558-1566.	3.8	2
129	Induction of Apoptosis by Melamine in Differentiated PC12 Cells. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 65-71.	1.7	40
130	Protective Effects of YC-1 Against Glutamate Induced PC12 Cell Apoptosis. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 303-311.	1.7	19
131	Impaired hippocampal synaptic plasticity in C6 glioma-bearing rats. <i>Journal of Neuro-Oncology</i> , 2011, 103, 469-477.	1.4	16
132	Protective Effects of Exogenous Hydrogen Sulfide on Neurons of Hippocampus in a Rat Model of Brain Ischemia. <i>Neurochemical Research</i> , 2011, 36, 1840-1849.	1.6	86
133	The inhibitory effects of nano-Ag on voltage-gated potassium currents of hippocampal CA1 neurons. <i>Environmental Toxicology</i> , 2011, 26, 552-558.	2.1	31
134	Nano-CuO inhibited voltage-gated sodium current of hippocampal CA1 neurons via reactive oxygen species but independent from G-proteins pathway. <i>Journal of Applied Toxicology</i> , 2011, 31, 439-445.	1.4	33
135	Nano-zinc oxide damages spatial cognition capability via over-enhanced long-term potentiation in hippocampus of Wistar rats. <i>International Journal of Nanomedicine</i> , 2011, 6, 1453.	3.3	73
136	Desktop Software for Patch-Clamp Raw Binary Data Conversion and Preprocessing. <i>Journal of Electrical and Computer Engineering</i> , 2011, 2011, 1-7.	0.6	0
137	Oxidative stress and apoptosis induced by nanosized titanium dioxide in PC12 cells. <i>Toxicology</i> , 2010, 267, 172-177.	2.0	203
138	Zinc ion as modulator effects on excitability and synaptic transmission in hippocampal CA1 neurons in Wistar rats. <i>Neuroscience Research</i> , 2010, 68, 167-175.	1.0	20
139	In vitro assessment of the effect of methylene blue on voltage-gated sodium channels and action potentials in rat hippocampal CA1 pyramidal neurons. <i>NeuroToxicology</i> , 2010, 31, 724-729.	1.4	7
140	Effect of melamine on potassium currents in rat hippocampal CA1 neurons. <i>Toxicology in Vitro</i> , 2010, 24, 397-403.	1.1	37
141	Action potential changes associated with impairment of functional properties of sodium channels in hippocampal neurons induced by melamine. <i>Toxicology Letters</i> , 2010, 198, 171-176.	0.4	34
142	Component Vector method and Its Application in Detecting Similarities between Sequences. , 2009, , .		0
143	StrandPairsViewer: A Toolkit for Visualization and Analysis of Amino Acids Pairs in Protein Sheet Structures. , 2009, , .		0
144	Multiscale Cross Entropy: A Novel Algorithm for Analyzing Two Time Series. , 2009, , .		11

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145	<i>In vitro</i> study on influence of nano particles of CuO on CA1 pyramidal neurons of rat hippocampus potassium currents. <i>Environmental Toxicology</i> , 2009, 24, 211-217.	2.1	55
146	Action potential changes associated with the inhibitory effects on voltage-gated sodium current of hippocampal CA1 neurons by silver nanoparticles. <i>Toxicology</i> , 2009, 264, 179-184.	2.0	111
147	Influences of nanoparticle zinc oxide on acutely isolated rat hippocampal CA3 pyramidal neurons. <i>NeuroToxicology</i> , 2009, 30, 220-230.	1.4	149
148	Effect of alpha-cypermethrin and theta-cypermethrin on delayed rectifier potassium currents in rat hippocampal neurons. <i>NeuroToxicology</i> , 2009, 30, 269-273.	1.4	33
149	Heat Stress Preconditioning Improves Cognitive Outcome after Diffuse Axonal Injury in Rats. <i>Journal of Neurotrauma</i> , 2009, 26, 1695-1706.	1.7	29
150	Effects of alpha- and theta-cypermethrin insecticide on transient outward potassium current in rat hippocampal CA3 neurons. <i>Pesticide Biochemistry and Physiology</i> , 2008, 90, 1-7.	1.6	20
151	Peroxynitrite donor impairs excitability of hippocampal CA1 neurons by inhibiting voltage-gated potassium currents. <i>Toxicology Letters</i> , 2007, 175, 8-15.	0.4	19
152	Involvement of Nitric Oxide in Spatial Memory Deficits in Status Epilepticus Rats. <i>Neurochemical Research</i> , 2007, 32, 1875-1883.	1.6	24
153	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. <i>Experimental Physiology</i> , 2003, 88, 335-342.	0.9	37
154	Neuropeptides, Amines and Amino Acids as Mediators of the Sympathetic Effects of Paraventricular Nucleus Activation in the Rat. <i>Experimental Physiology</i> , 2002, 87, 663-674.	0.9	44
155	Synchrony analysis between blood pressure and sympathetic nerve signal inhibited by atrial receptor stimulation in Wistar rats. <i>Experimental Physiology</i> , 2002, 87, 461-468.	0.9	6