

Zhiyi Zuo

List of Publications by Year in descending order

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246
papers

8,216
citations

41339
49
h-index

74160
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all docs

246
docs citations

246
times ranked

8126
citing authors

#	ARTICLE	IF	CITATIONS
1	Glial cell-derived neurotrophic factor decrease may mediate learning, memory and behavior impairments in rats after neonatal surgery. <i>Brain Research Bulletin</i> , 2022, 178, 9-16.	3.0	5
2	Critical role of FPR1 in splenocyte migration into brain to worsen inflammation and ischemic brain injury in mice. <i>Theranostics</i> , 2022, 12, 3024-3044.	10.0	8
3	High-speed multi-parametric photoacoustic microscopy of cerebral hemodynamic and metabolic responses to acute hemodilution. <i>Optics Letters</i> , 2022, 47, 1988.	3.3	7
4	Preoperative environment enrichment preserved neuroligin 1 expression possibly via epigenetic regulation to reduce postoperative cognitive dysfunction in mice. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 619-629.	3.9	16
5	Discovery of Novel Drug Candidates for Alzheimer's Disease by Molecular Network Modeling. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 850217.	3.4	4
6	Excessive dietary salt promotes neuroinflammation to worsen retinopathy in mice with streptozotocin-induced diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166426.	3.8	2
7	Activation of the Lateral Habenula-Ventral Tegmental Area Neural Circuit Contributes to Postoperative Cognitive Dysfunction in Mice. <i>Advanced Science</i> , 2022, 9, .	11.2	16
8	Do We Have Measures to Reduce Post-operative Cognitive Dysfunction?. <i>Frontiers in Neuroscience</i> , 2022, 16, .	2.8	2
9	Gut Microbiome Features of Chinese Patients Newly Diagnosed with Alzheimer's Disease or Mild Cognitive Impairment. <i>Advances in Alzheimer's Disease</i> , 2022, , .	0.2	0
10	Dexmedetomidine attenuates sepsis-associated inflammation and encephalopathy via central α_2 adrenoceptor. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 296-314.	4.1	84
11	A retrospective observational pilot study on the effects of dexmedetomidine on neurological outcomes after aneurysmal subarachnoid hemorrhage. <i>Journal of Clinical Anesthesia</i> , 2021, 68, 110106.	1.6	1
12	Paraventricular thalamic nucleus plays a critical role in consolation and anxious behaviors of familiar observers exposed to surgery mice. <i>Theranostics</i> , 2021, 11, 3813-3829.	10.0	15
13	Minimum Alveolar Concentration-Awake of Sevoflurane is Decreased in Patients with Parkinson's Disease: An Up-and-Down Sequential Allocation Trial. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 129-137.	2.9	1
14	Intravenous versus Volatile Anesthetic Effects on Postoperative Cognition in Elderly Patients Undergoing Laparoscopic Abdominal Surgery. <i>Anesthesiology</i> , 2021, 134, 381-394.	2.5	48
15	Gut Microbiome Features of Chinese Patients Newly Diagnosed with Alzheimer's Disease or Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 299-310.	2.6	86
16	Role of Sox2 in Learning, Memory, and Postoperative Cognitive Dysfunction in Mice. <i>Cells</i> , 2021, 10, 727.	4.1	7
17	Surgery Trauma Severity but not Anesthesia Length Contributes to Postoperative Cognitive Dysfunction in Mice. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 245-257.	2.6	11
18	Norepinephrine inhibits migration and invasion of human glioblastoma cell cultures possibly via MMP-11 inhibition. <i>Brain Research</i> , 2021, 1756, 147280.	2.2	8

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19	Hemodynamic and oxygen-metabolic responses of the awake mouse brain to hypercapnia revealed by multi-parametric photoacoustic microscopy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2628-2639.	4.3	10
20	Toll-like receptor 2 activation and up-regulation by high mobility group box-1 contribute to postoperative neuroinflammation and cognitive dysfunction in mice. <i>Journal of Neurochemistry</i> , 2021, 158, 328-341.	3.9	30
21	A Patient-Controlled Intravenous Analgesia With Tramadol Ameliorates Postpartum Depression in High-Risk Woman After Cesarean Section: A Randomized Controlled Trial. <i>Frontiers in Medicine</i> , 2021, 8, 679159.	2.6	7
22	Anesthetics and Postoperative Cognition: Reply. <i>Anesthesiology</i> , 2021, 135, 768-770.	2.5	0
23	Appropriate exercise level attenuates gut dysbiosis and valeric acid increase to improve neuroplasticity and cognitive function after surgery in mice. <i>Molecular Psychiatry</i> , 2021, 26, 7167-7187.	7.9	63
24	Perioperative Neurocognitive Disorder. <i>Anesthesiology</i> , 2020, 132, 55-68.	2.5	106
25	Learning and memory dysfunction of non-surgery cage-mates of mice with surgery. <i>Stress</i> , 2020, 23, 474-480.	1.8	4
26	A Novel Individual-based Determination of Postoperative Cognitive Dysfunction in Mice. , 2020, 11, 1133.		15
27	Surgery, Anesthesia and Intensive Care Environment Induce Delirium-Like Behaviors and Impairment of Synaptic Function-Related Gene Expression in Aged Mice. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 542421.	3.4	12
28	Amantadine Alleviates Postoperative Cognitive Dysfunction Possibly by Preserving Neurotrophic Factor Expression and Dendritic Arborization in the Hippocampus of Old Rodents. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 605330.	3.4	15
29	Perioperative Dexmedetomidine attenuates brain ischemia reperfusion injury possibly via up-regulation of astrocyte Connexin 43. <i>BMC Anesthesiology</i> , 2020, 20, 299.	1.8	5
30	Histone Deacetylases May Mediate Surgery-Induced Impairment of Learning, Memory, and Dendritic Development. <i>Molecular Neurobiology</i> , 2020, 57, 3702-3711.	4.0	15
31	Homocysteine Level Predicts Response to Dual Antiplatelet in Women With Minor Stroke or Transient Ischemic Attack. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 839-846.	2.4	18
32	Attenuation of noisy environment-induced neuroinflammation and dysfunction of learning and memory by minocycline during perioperative period in mice. <i>Brain Research Bulletin</i> , 2020, 159, 16-24.	3.0	10
33	Ulinastatin attenuates isoflurane-induced cognitive dysfunction in aged rats by inhibiting neuroinflammation and β -amyloid peptide expression in the brain. <i>Neurological Research</i> , 2019, 41, 923-929.	1.3	17
34	Critical role of UQCRC1 in embryo survival, brain ischemic tolerance and normal cognition in mice. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1381-1396.	5.4	35
35	Photoacoustic Microscopy of Cerebral Hemodynamic and Metabolic Responses to General Anesthetics. , 2019, , 215-227.		0
36	Attenuating oxygen-glucose deprivation-caused autophagosome accumulation may be involved in sevoflurane postconditioning-induced protection in human neuron-like cells. <i>European Journal of Pharmacology</i> , 2019, 849, 84-95.	3.5	22

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37	Both GSK-3 β /CRMP2 and CDK5/CRMP2 Pathways Participate in the Protection of Dexmedetomidine Against Propofol-Induced Learning and Memory Impairment in Neonatal Rats. <i>Toxicological Sciences</i> , 2019, 171, 193-210.	3.1	20
38	Sevoflurane promotes migration, invasion, and colony-forming ability of human glioblastoma cells possibly via increasing the expression of cell surface protein 44. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1424-1435.	6.1	20
39	Pharmacologic (Receptor-Based) Mechanisms of Perioperative Neurocognitive Disorder. , 2019, , 92-100.		0
40	General Anesthetics Are Neuroprotective. <i>Journal of Neurosurgical Anesthesiology</i> , 2019, 31, 360-362.	1.2	1
41	Neonatal anesthesia impairs synapsin 1 and synaptotagmin 1, two key regulators of synaptic vesicle docking and fusion. <i>NeuroReport</i> , 2019, 30, 544-549.	1.2	6
42	Comparison of Broadband and Discrete Wavelength Near-Infrared Spectroscopy Algorithms for the Detection of Cytochrome aa3 Reduction. <i>Anesthesia and Analgesia</i> , 2019, 129, 1273-1280.	2.2	4
43	Photoacoustic microscopy of obesity-induced cerebrovascular alterations. <i>NeuroImage</i> , 2019, 188, 369-379.	4.2	29
44	Comprehensive Characterization of Cerebrovascular Dysfunction in Blast Traumatic Brain Injury Using Photoacoustic Microscopy. <i>Journal of Neurotrauma</i> , 2019, 36, 1526-1534.	3.4	16
45	Amantadine attenuates sepsis-induced cognitive dysfunction possibly not through inhibiting toll-like receptor 2. <i>Journal of Molecular Medicine</i> , 2018, 96, 391-402.	3.9	21
46	Age-Related Upregulation of Carboxyl Terminal Modulator Protein Contributes to the Decreased Brain Ischemic Tolerance in Older Rats. <i>Molecular Neurobiology</i> , 2018, 55, 6145-6154.	4.0	11
47	Calpain and JNK pathways participate in isoflurane “induced nucleus translocation of apoptosis-inducing factor in the brain of neonatal rats. <i>Toxicology Letters</i> , 2018, 285, 60-73.	0.8	15
48	Critical role of NLRP3-caspase-1 pathway in age-dependent isoflurane-induced microglial inflammatory response and cognitive impairment. <i>Journal of Neuroinflammation</i> , 2018, 15, 109.	7.2	141
49	Ligustrazine Enhances the Hypnotic and Analgesic Effect of Ketamine in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 690-696.	1.4	5
50	Morphine reduces mouse microglial engulfment induced by lipopolysaccharide and interferon- γ via μ opioid receptor and p38 mitogen-activated protein kinase. <i>Neurological Research</i> , 2018, 40, 602-608.	1.3	8
51	Quantitative mapping of genetic similarity in human heritable diseases by shared mutations. <i>Human Mutation</i> , 2018, 39, 292-301.	2.5	8
52	Early administration of pyrrolidine dithiocarbamate extends the therapeutic time window of tissue plasminogen activator in a male rat model of embolic stroke. <i>Journal of Neuroscience Research</i> , 2018, 96, 449-458.	2.9	3
53	Photoacoustic microscopy reveals the hemodynamic basis of sphingosine 1-phosphate-induced neuroprotection against ischemic stroke. <i>Theranostics</i> , 2018, 8, 6111-6120.	10.0	34
54	Patient-controlled intravenous tramadol versus patient-controlled intravenous hydromorphone for analgesia after secondary cesarean delivery: a randomized controlled trial to compare analgesic, anti-anxiety and anti-depression effects. <i>Journal of Pain Research</i> , 2018, Volume 12, 49-59.	2.0	14

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55	A response to readers's comments. Journal of Neuroinflammation, 2018, 15, 267.	7.2	0
56	Perioperative use of cefazolin ameliorates postoperative cognitive dysfunction but induces gut inflammation in mice. Journal of Neuroinflammation, 2018, 15, 235.	7.2	30
57	Bevacizumab Monotherapy Reduces Radiation-induced Brain Necrosis in Nasopharyngeal Carcinoma Patients: A Randomized Controlled Trial. International Journal of Radiation Oncology Biology Physics, 2018, 101, 1087-1095.	0.8	76
58	Endothelial cell Pannexin1 modulates severity of ischemic stroke by regulating cerebral inflammation and myogenic tone. JCI Insight, 2018, 3, .	5.0	45
59	Endothelial Cell Pannexin1 Modulates Severity of Ischemic Stroke by Regulating Cerebral Inflammation and Myogenic Tone. FASEB Journal, 2018, 32, 575.8.	0.5	0
60	Critical role of P2X7 receptors in the neuroinflammation and cognitive dysfunction after surgery. Brain, Behavior, and Immunity, 2017, 61, 365-374.	4.1	71
61	Decrease of glial cell-derived neurotrophic factor contributes to anesthesia- and surgery-induced learning and memory dysfunction in neonatal rats. Journal of Molecular Medicine, 2017, 95, 369-379.	3.9	35
62	Pretreatment with minocycline restores neurogenesis in the subventricular zone and subgranular zone of the hippocampus after ketamine exposure in neonatal rats. Neuroscience, 2017, 352, 144-154.	2.3	21
63	Functional and oxygen-metabolic photoacoustic microscopy of the awake mouse brain. NeuroImage, 2017, 150, 77-87.	4.2	129
64	Broadband near-infrared spectroscopy can detect cyanide-induced cytochrome aa3 inhibition in rats: a proof of concept study. Canadian Journal of Anaesthesia, 2017, 64, 376-384.	1.6	6
65	Glutamate transporter type 3 participates in maintaining morphine-induced conditioned place preference. Neuroscience, 2017, 344, 67-73.	2.3	8
66	Hydrochlorothiazide modulates ischemic heart failure-induced cardiac remodeling via inhibiting angiotensin II type 1 receptor pathway in rats. Cardiovascular Therapeutics, 2017, 35, e12246.	2.5	11
67	Comparison of the cerebroprotective effect of inhalation anaesthesia and total intravenous anaesthesia in patients undergoing cardiac surgery with cardiopulmonary bypass: a systematic review and meta-analysis. BMJ Open, 2017, 7, e014629.	1.9	34
68	Photoacoustic microscopy of cerebral hemodynamic and oxygen-metabolic responses to anesthetics. Proceedings of SPIE, 2017, , .	0.8	0
69	Haptoglobin 2 Phenotype Is Associated With Increased Acute Kidney Injury After Elective Cardiac Surgery in Patients With Diabetes Mellitus. Journal of the American Heart Association, 2017, 6, .	3.7	10
70	Critical role of matrix metalloproteinase 9 in postoperative cognitive dysfunction and age-dependent cognitive decline. Oncotarget, 2017, 8, 51817-51829.	1.8	37
71	Anesthetic effects on autophagy. Medical Gas Research, 2017, 7, 204.	2.3	7
72	Protective Effect of Minocycline Against Ketamine-Induced Injury in Neural Stem Cell: Involvement of PI3K/Akt and Gsk-3 Beta Pathway. Frontiers in Molecular Neuroscience, 2016, 9, 135.	2.9	27

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73	C-reactive protein can upregulate VEGF expression to promote ADSC-induced angiogenesis by activating HIF-1 α via CD64/PI3k/Akt and MAPK/ERK signaling pathways. <i>Stem Cell Research and Therapy</i> , 2016, 7, 114.	5.5	76
74	Deferoxamine pre-treatment protects against postoperative cognitive dysfunction of aged rats by depressing microglial activation via ameliorating iron accumulation in hippocampus. <i>Neuropharmacology</i> , 2016, 111, 180-194.	4.1	33
75	Non-Invasive, Focal Disconnection of Brain Circuitry Using Magnetic Resonance-Guided Low-Intensity Focused Ultrasound to Deliver a Neurotoxin. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2261-2269.	1.5	13
76	Isoflurane attenuates mouse microglial engulfment induced by lipopolysaccharide and interferon- γ possibly by inhibition of p38 mitogen-activated protein kinase. <i>NeuroReport</i> , 2016, 27, 1101-1105.	1.2	3
77	Enriched Environment Attenuates Surgery-Induced Impairment of Learning, Memory, and Neurogenesis Possibly by Preserving BDNF Expression. <i>Molecular Neurobiology</i> , 2016, 53, 344-354.	4.0	100
78	Dexmedetomidine post-treatment induces neuroprotection via activation of extracellular signal-regulated kinase in rats with subarachnoid haemorrhage. <i>British Journal of Anaesthesia</i> , 2016, 116, 384-392.	3.4	52
79	Dexmedetomidine Postconditioning Reduces Brain Injury after Brain Hypoxia-Ischemia in Neonatal Rats. <i>Journal of Neuroimmune Pharmacology</i> , 2016, 11, 238-247.	4.1	62
80	Maternal Exposure of Rats to Isoflurane during Late Pregnancy Impairs Spatial Learning and Memory in the Offspring by Up-Regulating the Expression of Histone Deacetylase 2. <i>PLoS ONE</i> , 2016, 11, e0160826.	2.5	19
81	Dexmedetomidine-induced neuroprotection: is it translational?. <i>Translational Perioperative and Pain Medicine</i> , 2016, 1, 15-19.	0.1	19
82	Neonatal exposure to sevoflurane may not cause learning and memory deficits and behavioral abnormality in the childhood of Cynomolgus monkeys. <i>Scientific Reports</i> , 2015, 5, 11145.	3.3	52
83	Transfusion of Old RBCs Induces Neuroinflammation and Cognitive Impairment. <i>Critical Care Medicine</i> , 2015, 43, e276-e286.	0.9	30
84	Activation of Adenosine Triphosphate-regulated Potassium Channels during Reperfusion Restores Isoflurane Postconditioning-induced Cardiac Protection in Acutely Hyperglycemic Rabbits. <i>Anesthesiology</i> , 2015, 122, 1299-1311.	2.5	7
85	The Choice of General Anesthetics May Not Affect Neuroinflammation and Impairment of Learning and Memory After Surgery in Elderly Rats. <i>Journal of Neuroimmune Pharmacology</i> , 2015, 10, 179-189.	4.1	59
86	Defining the Optimal Age for Focal Lesioning in a Rat Model of Transcranial HIFU. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 449-455.	1.5	11
87	Trans-sodium crocetin provides neuroprotection against cerebral ischemia and reperfusion in obese mice. <i>Journal of Neuroscience Research</i> , 2015, 93, 615-622.	2.9	10
88	Gabapentin inhibits the activity of the rat excitatory glutamate transporter 3 expressed in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2015, 762, 112-117.	3.5	9
89	Desflurane increased the activity of excitatory amino-acid carrier 1 (EAAC1) expressed in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2015, 757, 84-89.	3.5	2
90	Autoregulation of Inducible Nitric Oxide Synthase Expression by RNA Interference Provides Neuroprotection in Neonatal Rats. <i>Theranostics</i> , 2015, 5, 504-514.	10.0	16

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91	Chronic high fat diet induces cardiac hypertrophy and fibrosis in mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 917-925.	3.4	76
92	Loss of Phenotype of Parvalbumin Interneurons in Rat Prefrontal Cortex Is Involved in Antidepressant- and Proprietary-Like Behaviors Following Acute and Repeated Ketamine Administration. <i>Molecular Neurobiology</i> , 2015, 51, 808-819.	4.0	54
93	Doxepin and imipramine but not fluoxetine reduce the activity of the rat glutamate transporter EAAT3 expressed in <i>Xenopus</i> oocytes. <i>BMC Anesthesiology</i> , 2015, 15, 116.	1.8	4
94	Admission hyperglycemia is associated with poor outcome after emergent coronary bypass grafting surgery. <i>Journal of Critical Care</i> , 2015, 30, 1210-1216.	2.2	13
95	Rotational thromboelastometry—guided blood product management in major spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 239-249.	1.7	84
96	Isoflurane Post-Treatment Improves Outcome after an Embolic Stroke in Rabbits. <i>PLoS ONE</i> , 2015, 10, e0143931.	2.5	9
97	Delta Opioid Receptor in Cerebral Preconditioning. , 2015, , 437-446.		0
98	Dexmedetomidine Reduces Isoflurane-Induced Neuroapoptosis Partly by Preserving PI3K/Akt Pathway in the Hippocampus of Neonatal Rats. <i>PLoS ONE</i> , 2014, 9, e93639.	2.5	119
99	High-fat diet reduces neuroprotection of isoflurane post-treatment: Role of carboxyl-terminal modulator protein-Akt signaling. <i>Obesity</i> , 2014, 22, 2396-2405.	3.0	9
100	Regulatory factor X1 is a new tumor suppressive transcription factor that acts via direct downregulation of CD44 in glioblastoma. <i>Neuro-Oncology</i> , 2014, 16, 1078-1085.	1.2	28
101	Effects of tissue plasminogen activator timing on blood—brain barrier permeability and hemorrhagic transformation in rats with transient ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2014, 347, 148-154.	0.6	20
102	Independent Influence of Overweight and Obesity on the Regression of Left Ventricular Hypertrophy in Hypertensive Patients. <i>Medicine (United States)</i> , 2014, 93, e130.	1.0	14
103	Critical role of matrix metalloproteinase-9 in chronic high fat diet-induced cerebral vascular remodelling and increase of ischaemic brain injury in mice. <i>Cardiovascular Research</i> , 2014, 103, 473-484.	3.8	55
104	A Double-Edged Sword: Volatile Anesthetic Effects on the Neonatal Brain. <i>Brain Sciences</i> , 2014, 4, 273-294.	2.3	31
105	A critical role of glutamate transporter type 3 in the learning and memory of mice. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 70-80.	1.9	13
106	Glutamate transporter type 3 regulates mouse hippocampal GluR1 trafficking. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1640-1645.	2.4	7
107	Increased requirement for minute ventilation and negative arterial to end-tidal carbon dioxide gradient may indicate malignant hyperthermia. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 209-212.	1.4	7
108	Ondansetron attenuates the activity of excitatory amino acid transporter type 3 expressed in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2014, 733, 7-12.	3.5	4

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109	Pyrrolidine dithiocarbamate attenuates surgery-induced neuroinflammation and cognitive dysfunction possibly via inhibition of nuclear factor κ B. <i>Neuroscience</i> , 2014, 261, 1-10.	2.3	65
110	Sevoflurane postconditioning provides neuroprotection against brain hypoxia-induced ischemia in neonatal rats. <i>Neurological Sciences</i> , 2014, 35, 1401-1404.	1.9	26
111	Both JNK and P38 MAPK pathways participate in the protection by dexmedetomidine against isoflurane-induced neuroapoptosis in the hippocampus of neonatal rats. <i>Brain Research Bulletin</i> , 2014, 107, 69-78.	3.0	72
112	Perioperative aspirin improves neurological outcome after focal brain ischemia possibly via inhibition of Notch 1 in rat. <i>Journal of Neuroinflammation</i> , 2014, 11, 56.	7.2	20
113	Critical role of inflammatory cytokines in impairing biochemical processes for learning and memory after surgery in rats. <i>Journal of Neuroinflammation</i> , 2014, 11, 93.	7.2	47
114	Isoflurane postconditioning improved long-term neurological outcome possibly via inhibiting the mitochondrial permeability transition pore in neonatal rats after brain hypoxia-induced ischemia. <i>Neuroscience</i> , 2014, 280, 193-203.	2.3	30
115	Transferred inter-cell ischemic preconditioning-induced neuroprotection may be mediated by adenosine A1 receptors. <i>Brain Research Bulletin</i> , 2014, 103, 66-71.	3.0	11
116	Nicotine decreases the activity of glutamate transporter type 3. <i>Toxicology Letters</i> , 2014, 225, 147-152.	0.8	18
117	Isoflurane unveils a critical role of glutamate transporter type 3 in regulating hippocampal GluR1 trafficking and context-related learning and memory in mice. <i>Neuroscience</i> , 2014, 272, 58-64.	2.3	11
118	Dexmedetomidine increases the activity of excitatory amino acid transporter type 3 expressed in <i>Xenopus</i> oocytes: The involvement of protein kinase C and phosphatidylinositol 3-kinase. <i>European Journal of Pharmacology</i> , 2014, 738, 8-13.	3.5	8
119	Case Scenario: A Patient on Dual Antiplatelet Therapy with an Intracranial Hemorrhage after Percutaneous Coronary Intervention. <i>Anesthesiology</i> , 2014, 121, 644-653.	2.5	4
120	Amantadine Alleviates Postoperative Cognitive Dysfunction Possibly by Increasing Glial Cell Line-derived Neurotrophic Factor in Rats. <i>Anesthesiology</i> , 2014, 121, 773-785.	2.5	67
121	Inhibition of Brain Ischemia-Caused Notch Activation in Microglia May Contribute to Isoflurane Postconditioning-Induced Neuroprotection in Male Rats. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 718-732.	1.4	17
122	Riluzole attenuates excitatory amino acid transporter type 3 activity in <i>Xenopus</i> oocytes via protein kinase C inhibition. <i>European Journal of Pharmacology</i> , 2013, 713, 39-43.	3.5	8
123	Glutamate transporter type 3 knockout leads to decreased heart rate possibly via parasympathetic mechanism. <i>Transgenic Research</i> , 2013, 22, 757-766.	2.4	5
124	Isoflurane postconditioning reduces ischemia-induced nuclear factor- κ B activation and interleukin 1β production to provide neuroprotection in rats and mice. <i>Neurobiology of Disease</i> , 2013, 54, 216-224.	4.4	79
125	Volatile anesthetics-induced neuroinflammatory and anti-inflammatory responses. <i>Medical Gas Research</i> , 2013, 3, 16.	2.3	25
126	Intranasal pyrrolidine dithiocarbamate decreases brain inflammatory mediators and provides neuroprotection after brain hypoxia-induced ischemia in neonatal rats. <i>Experimental Neurology</i> , 2013, 249, 74-82.	4.1	23

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127	Electroacupuncture preconditioning-induced neuroprotection may be mediated by glutamate transporter type 2. <i>Neurochemistry International</i> , 2013, 63, 302-308.	3.8	22
128	Glutamate transporter type 3 mediates isoflurane preconditioning-induced acute phase of neuroprotection in mice. <i>Brain Research Bulletin</i> , 2013, 98, 23-29.	3.0	10
129	Progesterone increases the activity of glutamate transporter type 3 expressed in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2013, 715, 414-419.	3.5	1
130	Mechanisms of epoxyeicosatrienoic acids to improve cardiac remodeling in chronic renal failure disease. <i>European Journal of Pharmacology</i> , 2013, 701, 33-39.	3.5	10
131	The diagnostic threshold of HbA1c and impact of its use on diabetes prevalence—A population-based survey of 6898 Han participants from southern China. <i>Preventive Medicine</i> , 2013, 57, 345-350.	3.4	10
132	Caffeine-induced inhibition of the activity of glutamate transporter type 3 expressed in <i>Xenopus</i> oocytes. <i>Toxicology Letters</i> , 2013, 217, 143-148.	0.8	14
133	Influence of Chronic Hyperglycemia on Cerebral Microvascular Remodeling. <i>Stroke</i> , 2013, 44, 3557-3560.	2.0	20
134	Postoperative Cognitive Effects in Newborns. <i>Anesthesiology</i> , 2013, 118, 481-483.	2.5	6
135	Chronic Intermittent Fasting Improves Cognitive Functions and Brain Structures in Mice. <i>PLoS ONE</i> , 2013, 8, e66069.	2.5	98
136	Medical Gases for Conditioning: Volatile Anesthetics, Hyperbaric Oxygen, and Hydrogen Sulfide. , 2013, , 165-181.		0
137	Regulatory Factor X1-induced Down-regulation of Transforming Growth Factor β 2 Transcription in Human Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 22730-22739.	3.4	25
138	Delayed Treatment with Lidocaine Reduces Mouse Microglial Cell Injury and Cytokine Production After Stimulation with Lipopolysaccharide and Interferon β . <i>Anesthesia and Analgesia</i> , 2012, 114, 856-861.	2.2	20
139	Effects of isoflurane on learning and memory functions of wild-type and glutamate transporter type 3 knockout mice— <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 302-307.	2.4	20
140	N-acetylcysteine reverses existing cognitive impairment and increased oxidative stress in glutamate transporter type 3 deficient mice. <i>Neuroscience</i> , 2012, 220, 85-89.	2.3	44
141	Lidocaine attenuates cognitive impairment after isoflurane anesthesia in old rats. <i>Behavioural Brain Research</i> , 2012, 228, 319-327.	2.2	78
142	Contribution of microRNA-203 to the isoflurane preconditioning-induced neuroprotection. <i>Brain Research Bulletin</i> , 2012, 88, 525-528.	3.0	41
143	Electroacupuncture pretreatment induces tolerance against focal cerebral ischemia through activation of canonical Notch pathway. <i>BMC Neuroscience</i> , 2012, 13, 111.	1.9	23
144	Are volatile anesthetics neuroprotective or neurotoxic?. <i>Medical Gas Research</i> , 2012, 2, 10.	2.3	45

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145	Isoflurane Induces Learning Impairment That Is Mediated by Interleukin 1 β in Rodents. PLoS ONE, 2012, 7, e51431.	2.5	102
146	A Novel Mechanism for Sevoflurane Preconditioning-induced Neuroprotection. Anesthesiology, 2012, 117, 942-944.	2.5	5
147	Sevoflurane-induced delayed neuroprotection involves mitoKATP channel opening and PKC δ activation. Molecular Biology Reports, 2012, 39, 5049-5057.	2.3	23
148	17 β -Estradiol attenuates the activity of the glutamate transporter type 3 expressed in Xenopus oocytes. European Journal of Pharmacology, 2012, 676, 20-25.	3.5	9
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