

# Shiyong Li

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

798  
citations

687363

13  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1075  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the neurotropic characteristics of SARS-CoV-2: from neurological manifestations of COVID-19 to potential neurotropic mechanisms. <i>Journal of Neurology</i> , 2020, 267, 2179-2184.	3.6	283
2	Postoperative cognitive dysfunction in the aged: the collision of neuroinflammaging with perioperative neuroinflammation. <i>Inflammopharmacology</i> , 2019, 27, 27-37.	3.9	76
3	Vagus nerve stimulation in brain diseases: Therapeutic applications and biological mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 37-53.	6.1	72
4	Resveratrol Mitigates Sevoflurane-Induced Neurotoxicity by the SIRT1-Dependent Regulation of BDNF Expression in Developing Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-18.	4.0	47
5	Resveratrol ameliorates sevoflurane-induced cognitive impairment by activating the SIRT1/NF- $\kappa$ B pathway in neonatal mice. <i>Journal of Nutritional Biochemistry</i> , 2021, 90, 108579.	4.2	45
6	The Role of Perioperative Sleep Disturbance in Postoperative Neurocognitive Disorders. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1395-1410.	2.7	31
7	Type 2 diabetes mellitus-associated cognitive dysfunction: Advances in potential mechanisms and therapies. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104642.	6.1	27
8	Resveratrol Mitigates Hippocampal Tau Acetylation and Cognitive Deficit by Activation SIRT1 in Aged Rats following Anesthesia and Surgery. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	25
9	The role of SIRT1 in neuroinflammation and cognitive dysfunction in aged rats after anesthesia and surgery. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 1555-1568.	0.0	23
10	Cefazolin Improves Anesthesia and Surgery-Induced Cognitive Impairments by Modulating Blood-Brain Barrier Function, Gut Bacteria and Short Chain Fatty Acids. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 748637.	3.4	20
11	Tau hyperphosphorylation: A downstream effector of isoflurane-induced neuroinflammation in aged rodents. <i>Medical Hypotheses</i> , 2014, 82, 94-96.	1.5	16
12	Pharmacological inhibition of PTEN attenuates cognitive deficits caused by neonatal repeated exposures to isoflurane via inhibition of NR2B-mediated tau phosphorylation in rats. <i>Neuropharmacology</i> , 2017, 114, 135-145.	4.1	15
13	Involvement of caspase-3/PTEN signaling pathway in isoflurane-induced decrease of self-renewal capacity of hippocampal neural precursor cells. <i>Brain Research</i> , 2015, 1625, 275-286.	2.2	14
14	NR2B receptor- and calpain-mediated KCC2 cleavage resulted in cognitive deficiency exposure to isoflurane. <i>NeuroToxicology</i> , 2020, 76, 75-83.	3.0	14
15	Effect of dexmedetomidine on delirium during sedation in adult patients in intensive care units: A systematic review and meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2021, 69, 110157.	1.6	11
16	Gut Microbiome and Plasma Metabolome Signatures in Middle-Aged Mice With Cognitive Dysfunction Induced by Chronic Neuropathic Pain. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 806700.	2.9	11
17	Overexpression cdc42 attenuates isoflurane-induced neurotoxicity in developmental brain of rats. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 719-725.	2.1	9
18	Chikusetsu saponin IVa attenuates isoflurane-induced neurotoxicity and cognitive deficits via SIRT1/ERK1/2 in developmental rats. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 4288-4299.	0.0	8

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19	Effect of Propofol on the Expression of MMP-9 and Its Relevant Inflammatory Factors in Brain of Rat with Intracerebral Hemorrhage. <i>Cell Biochemistry and Biophysics</i> , 2015, 72, 675-679.	1.8	7
20	Contribution of skeletal muscular glycine to rapid antidepressant effects of ketamine in an inflammation-induced mouse model of depression. <i>Psychopharmacology</i> , 2019, 236, 3513-3523.	3.1	7
21	Intensive glucose control during the perioperative period for diabetic patients undergoing surgery: An updated systematic review and meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2021, 75, 110504.	1.6	7
22	Effects of dexmedetomidine on delirium and mortality during sedation in ICU patients: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2019, 9, e025850.	1.9	6
23	Isoflurane enhances the expression of cytochrome C by facilitation of NMDA receptor in developing rat hippocampal neurons in vitro. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 779-783.	1.0	5
24	Preoperative screening of patients at high risk of obstructive sleep apnea and postoperative complications: A systematic review and meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2022, 79, 110692.	1.6	5
25	General Anesthetic-Induced Neurotoxicity in the Immature Brain: Reevaluating the Confounding Factors in the Preclinical Studies. <i>BioMed Research International</i> , 2020, 2020, 1-7.	1.9	4
26	Clinical experience with emergency endotracheal intubation in COVID-19 patients in the intensive care units: a single-centered, retrospective, descriptive study. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 6655-6664.	0.0	4
27	Angiotensin II type 1 receptor blockade attenuates posttraumatic stress disorder-related chronic pain by inhibiting glial activation in the spinal cord. <i>Neuropharmacology</i> , 2021, 196, 108704.	4.1	3
28	Mdivi-1 pretreatment mitigates isoflurane-induced cognitive deficits in developmental rats. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 432-443.	0.0	3