

Xiangyang Guo

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,847
citations

257101

24
h-index

315357

38
g-index

90
all docs

90
docs citations

90
times ranked

2425
citing authors

#	ARTICLE	IF	CITATIONS
1	The safety profile of blood salvage applied for collected blood with amniotic fluid during cesarean section. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 160.	0.9	1
2	Identification of Serum Biomarkers Associated With Emergence Agitation After General Anesthesia in Adult Patients: A Metabolomics Analysis. <i>Frontiers in Medicine</i> , 2022, 9, 828867.	1.2	1
3	Changes and closure grades of the laryngeal vestibule in different positions after anesthesia induction. <i>Minerva Anestesiologica</i> , 2022, , .	0.6	2
4	The Effect of Propofol versus Sevoflurane on Postoperative Delirium in Parkinson's Disease Patients Undergoing Deep Brain Stimulation Surgery: An Observational Study. <i>Brain Sciences</i> , 2022, 12, 689.	1.1	1
5	Anesthesia Management and Perioperative Infection Control in Patients With the Novel Coronavirus. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1503-1508.	0.6	26
6	Melatonin ameliorates the sleep disorder induced by surgery under sevoflurane anaesthesia in aged mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 256-267.	1.2	7
7	Lidocaine inhibits the metastatic potential of ovarian cancer by blocking Na ^v 1.5-mediated EMT and FAK/Paxillin signaling pathway. <i>Cancer Medicine</i> , 2021, 10, 337-349.	1.3	24
8	Propofol Inhibits the Proliferation, Migration, and Stem-like Properties of Bladder Cancer Mainly by Suppressing the Hedgehog Pathway. <i>Cell Transplantation</i> , 2021, 30, 096368972098511.	1.2	9
9	Circulatory collapse during wound closure in spine surgery with an unknown cause: a possible adverse effect of topical application of vancomycin?. <i>BMC Anesthesiology</i> , 2021, 21, 4.	0.7	6
10	The Non-peptide Angiotensin-(1-7) Mimic AVE 0991 Attenuates Delayed Neurocognitive Recovery After Laparotomy by Reducing Neuroinflammation and Restoring Blood-Brain Barrier Integrity in Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 624387.	1.7	14
11	Effects of general versus regional anaesthesia on circadian melatonin rhythm and its association with postoperative delirium in elderly patients undergoing hip fracture surgery: study protocol for a prospective cohort clinical trial. <i>BMJ Open</i> , 2021, 11, e043720.	0.8	5
12	Preoperative X-ray C2C6AR is applicable for prediction of difficult laryngoscopy in patients with cervical spondylosis. <i>BMC Anesthesiology</i> , 2021, 21, 111.	0.7	5
13	Inhibition of α -Synuclein Accumulation Improves Neuronal Apoptosis and Delayed Postoperative Cognitive Recovery in Aged Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-21.	1.9	10
14	Frontiers in Bladder Cancer Genomic Research. <i>Frontiers in Oncology</i> , 2021, 11, 670729.	1.3	11
15	CTCs detection from intraoperative salvaged blood in RCC-IVC thrombus patients by negative enrichment and iFISH identification: a preliminary study. <i>BMC Urology</i> , 2021, 21, 89.	0.6	5
16	Hundred most cited articles in perioperative neurocognitive disorder: a bibliometric analysis. <i>BMC Anesthesiology</i> , 2021, 21, 186.	0.7	4
17	Effects of general versus subarachnoid anaesthesia on circadian melatonin rhythm and postoperative delirium in elderly patients undergoing hip fracture surgery: A prospective cohort clinical trial. <i>EBioMedicine</i> , 2021, 70, 103490.	2.7	27
18	Cholecystokinin octapeptide improves hippocampal glutamatergic synaptogenesis and postoperative cognition by inhibiting induction of A1 reactive astrocytes in aged mice. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1374-1384.	1.9	18

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19	Potential Serum Biomarkers for Postoperative Neurocognitive Disorders Based on Proteomic Analysis of Cognitive-Related Brain Regions. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 741263.	1.7	7
20	JNK inhibition alleviates delayed neurocognitive recovery after surgery by limiting microglia pyroptosis. <i>International Immunopharmacology</i> , 2021, 99, 107962.	1.7	18
21	Predictive Value of Preoperative Profiling of Serum Metabolites for Emergence Agitation After General Anesthesia in Adult Patients. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 739227.	1.6	5
22	Dantrolene Available in China for Malignant Hyperthermia Treatment. <i>Anesthesiology</i> , 2021, , .	1.3	6
23	An Exploration and Technical Notes for Advanced Airway Management on the Ski Slope: A Simulation Experiment. <i>Emergency Medicine International</i> , 2021, 2021, 1-5.	0.3	0
24	Regional Metabolic Patterns of Abnormal Postoperative Behavioral Performance in Aged Mice Assessed by 1H-NMR Dynamic Mapping Method. <i>Neuroscience Bulletin</i> , 2020, 36, 25-38.	1.5	25
25	Baicalin Ameliorates Cognitive Impairment and Protects Microglia from LPS-Induced Neuroinflammation via the SIRT1/HMGB1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	72
26	Metabolomic and Lipidomic Profiling of Preoperative CSF in Elderly Hip Fracture Patients With Postoperative Delirium. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 570210.	1.7	22
27	Risk Factors of Cerebral Infarction and Myocardial Infarction after Carotid Endarterectomy Analyzed by Machine Learning. <i>Computational and Mathematical Methods in Medicine</i> , 2020, 2020, 1-8.	0.7	8
28	Neurological manifestations of patients with COVID-19: potential routes of SARS-CoV-2 neuroinvasion from the periphery to the brain. <i>Frontiers of Medicine</i> , 2020, 14, 533-541.	1.5	205
29	Genome-Wide Screen of the Hippocampus in Aged Rats Identifies Mitochondria, Metabolism and Aging Processes Implicated in Sevoflurane Anesthesia. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 122.	1.7	11
30	Preemptive analgesia with a single low dose of intrathecal morphine in multilevel posterior lumbar interbody fusion surgery: a double-blind, randomized, controlled trial. <i>Spine Journal</i> , 2020, 20, 989-997.	0.6	13
31	Proteomic Analysis of Preoperative CSF Reveals Risk Biomarkers of Postoperative Delirium. <i>Frontiers in Psychiatry</i> , 2020, 11, 170.	1.3	17
32	The brain, another potential target organ, needs early protection from SARS-CoV-2 neuroinvasion. <i>Science China Life Sciences</i> , 2020, 63, 771-773.	2.3	31
33	A study of optimal concentration range and time window of sevoflurane preconditioning for brain protection in MCAO rats. <i>BMC Anesthesiology</i> , 2020, 20, 78.	0.7	2
34	Exosome β -Synuclein Release in Plasma May be Associated With Postoperative Delirium in Hip Fracture Patients. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 67.	1.7	17
35	Non-coding RNA in bladder cancer. <i>Cancer Letters</i> , 2020, 485, 38-44.	3.2	86
36	Muscular Tissue Oxygen Saturation and Posthysterectomy Nausea and Vomiting. <i>Anesthesiology</i> , 2020, 133, 318-331.	1.3	8

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37	Prebiotics Regulation of Intestinal Microbiota Attenuates Cognitive Dysfunction Induced by Surgery Stimulation in APP/PS1 Mice. , 2020, 11, 1029.		51
38	Autophagy prevents hippocampal β -synuclein oligomerization and early cognitive dysfunction after anesthesia/surgery in aged rats. Aging, 2020, 12, 7262-7281.	1.4	24
39	Neurofilament degradation is involved in laparotomy-induced cognitive dysfunction in aged rats. Aging, 2020, 12, 25643-25657.	1.4	3
40	Muscular tissue oxygen saturation during robotic hysterectomy and postoperative nausea and vomiting: exploring the potential therapeutic thresholds. Journal of Clinical Monitoring and Computing, 2019, 33, 597-604.	0.7	13
41	Enhanced preoperative education about continuous femoral nerve block with patient-controlled analgesia improves the analgesic effect for patients undergoing total knee arthroplasty and reduces the workload for ward nurses. BMC Anesthesiology, 2019, 19, 150.	0.7	6
42	Isoflurane-Induced Postoperative Neurovascular and Cognitive Dysfunction Is Associated with VEGF Overexpression in Aged Rats. Journal of Molecular Neuroscience, 2019, 69, 215-223.	1.1	11
43	Anterior neck soft tissue thickness for airway evaluation measured by MRI in patients with cervical spondylosis: prospective cohort study. BMJ Open, 2019, 9, e029987.	0.8	5
44	The μ -opioid receptor (MOR) promotes tumor initiation in hepatocellular carcinoma. Cancer Letters, 2019, 453, 1-9.	3.2	35
45	Hypoxia-inducible factor-1 α is involved in isoflurane-induced blood-brain barrier disruption in aged rats model of POCD. Behavioural Brain Research, 2018, 339, 39-46.	1.2	44
46	Effects of propofol and etomidate anesthesia on cardiovascular miRNA expression: the different profiles?. BMC Anesthesiology, 2018, 18, 149.	0.7	5
47	Isoflurane-induced postoperative cognitive dysfunction is mediated by hypoxia-inducible factor-1 α -dependent neuroinflammation in aged rats. Molecular Medicine Reports, 2018, 17, 7730-7736.	1.1	26
48	Ketamine exacerbates cortical neuroapoptosis under hyperoxic conditions by upregulating expression of the N-methyl-D-aspartate receptor subunit NR1 in the developing rat brain. BMC Anesthesiology, 2018, 18, 52.	0.7	5
49	Dapsone protects brain microvascular integrity from high-fat diet induced LDL oxidation. Cell Death and Disease, 2018, 9, 683.	2.7	21
50	Anesthetic Isoflurane Induces DNA Damage Through Oxidative Stress and p53 Pathway. Molecular Neurobiology, 2017, 54, 3591-3605.	1.9	46
51	Anti-RAGE antibody attenuates isoflurane-induced cognitive dysfunction in aged rats. Behavioural Brain Research, 2017, 322, 167-176.	1.2	13
52	Protective effect of dapsone on cognitive impairment induced by propofol involves hippocampal autophagy. Neuroscience Letters, 2017, 649, 85-92.	1.0	40
53	Calcineurin/nuclear factor- κ B signaling mediates isoflurane-induced hippocampal neuroinflammation and subsequent cognitive impairment in aged rats. Molecular Medicine Reports, 2017, 15, 201-209.	1.1	45
54	A cross-sectional study in a tertiary care hospital in China: noise or silence in the operating room. BMJ Open, 2017, 7, e016316.	0.8	15

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55	Prophylactic Melatonin Attenuates Isoflurane-Induced Cognitive Impairment in Aged Rats through Hippocampal Melatonin Receptor 2 cAMP Response Element Binding Signalling. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 219-226.	1.2	19
56	Perioperative management of paraganglioma and catecholamine-induced cardiomyopathy in child: a case report and review of the literature. <i>BMC Anesthesiology</i> , 2017, 17, 142.	0.7	7
57	Bladder cancer stem cells: clonal origin and therapeutic perspectives. <i>Oncotarget</i> , 2017, 8, 66668-66679.	0.8	72
58	Surgery-Induced Hippocampal Angiotensin II Elevation Causes Blood-Brain Barrier Disruption via MMP/TIMP in Aged Rats. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 105.	1.8	51
59	Differences in lumbar dural sac dimension in supine and lateral positions in late pregnancy: a magnetic resonance imaging study. <i>International Journal of Obstetric Anesthesia</i> , 2016, 26, 19-23.	0.2	2
60	Increased extrasynaptic GluN2B expression is involved in cognitive impairment after isoflurane anesthesia. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 161-168.	0.8	12
61	Dexmedetomidine attenuates repeated propofol exposure-induced hippocampal apoptosis, PI3K/Akt/Gsk-3 β signaling disruption, and juvenile cognitive deficits in neonatal rats. <i>Molecular Medicine Reports</i> , 2016, 14, 769-775.	1.1	59
62	Regional anesthesia and lipid resuscitation for local anesthetic systemic toxicity in China: results of a survey by the orthopedic anesthesia group of the Chinese Society of Anesthesiology. <i>BMC Anesthesiology</i> , 2015, 16, 1.	0.7	35
63	Cerebral oxygen saturation after multiple perioperative influential factors predicts the occurrence of postoperative cognitive dysfunction. <i>BMC Anesthesiology</i> , 2015, 15, 156.	0.7	30
64	Surgical stress induced depressive and anxiety like behavior are improved by dapson via modulating NADPH oxidase level. <i>Neuroscience Letters</i> , 2015, 585, 103-108.	1.0	16
65	Phospholipid transfer protein (PLTP) deficiency accelerates memory dysfunction through altering amyloid precursor protein (APP) processing in a mouse model of Alzheimer's disease. <i>Human Molecular Genetics</i> , 2015, 24, 5388-5403.	1.4	24
66	Isoflurane induced cognitive impairment in aged rats through hippocampal calcineurin/NFAT signaling. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 889-895.	1.0	30
67	Isoflurane anesthesia results in reversible ultrastructure and occludin tight junction protein expression changes in hippocampal blood-brain barrier in aged rats. <i>Neuroscience Letters</i> , 2015, 587, 51-56.	1.0	46
68	Celastrol Enhances Cell Viability and Inhibits Amyloid- β Production Induced by Lipopolysaccharide In Vitro. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 835-844.	1.2	25
69	Blood-brain barrier dysfunction in mice induced by lipopolysaccharide is attenuated by dapson. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 419-424.	1.0	34
70	High Manganese, A Risk for Alzheimer's Disease: High Manganese Induces Amyloid- β Related Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 865-878.	1.2	99
71	Phospholipid transfer protein (PLTP) deficiency impaired blood-brain barrier integrity by increasing cerebrovascular oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 352-356.	1.0	32
72	Prophylactic angiotensin type 1 receptor antagonism confers neuroprotection in an aged rat model of postoperative cognitive dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 74-80.	1.0	48

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73	Combined incisional ropivacaine infiltration and pulmonary recruitment manoeuvre for postoperative pain relief after diagnostic hysteroscopy and laparoscopy. Chinese Medical Journal, 2014, 127, 825-9.	0.9	10
74	Application of a new combined model including radiological indicators to predict difficult airway in patients undergoing surgery for cervical spondylosis. Chinese Medical Journal, 2014, 127, 4043-8.	0.9	6
75	Effective background infusion rate of ropivacaine 0.2% for patient-controlled interscalene brachial plexus analgesia after rotator cuff repair surgery. Chinese Medical Journal, 2014, 127, 4119-23.	0.9	2
76	Melatonin Attenuates Isoflurane-Induced Acute Memory Impairments in Aged Rats. Basic and Clinical Pharmacology and Toxicology, 2013, 113, 215-220.	1.2	19
77	Melatonin Premedication Attenuates Isoflurane Anesthesia-Induced β -Amyloid Generation and Cholinergic Dysfunction in the Hippocampus of Aged Rats. International Journal of Neuroscience, 2013, 123, 213-220.	0.8	25
78	Nobiletin Attenuates Anesthesia/Surgery-Induced Neurocognitive Decline by Preserving the Expression of Clock Genes in Mice. Frontiers in Neuroscience, 0, 16, .	1.4	5