

Shanglong Yao

List of Publications by Year in descending order

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89
papers

2,778
citations

185998

28
h-index

205818

48
g-index

90
all docs

90
docs citations

90
times ranked

4576
citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 Inflammasome in Neurological Diseases, from Functions to Therapies. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 63.	1.8	352
2	Emergency tracheal intubation in 202 patients with COVID-19 in Wuhan, China: lessons learnt and international expert recommendations. <i>British Journal of Anaesthesia</i> , 2020, 125, e28-e37.	1.5	267
3	Plasma Proteomics Identify Biomarkers and Pathogenesis of COVID-19. <i>Immunity</i> , 2020, 53, 1108-1122.e5.	6.6	228
4	The Development and Application of Airway Devices in China. <i>Translational Perioperative and Pain Medicine</i> , 2016, 1, 5-14.	0.0	98
5	Anesthetic Management of Patients with COVID 19 Infections during Emergency Procedures. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1125-1131.	0.6	81
6	Local anesthetic bupivacaine induced ovarian and prostate cancer apoptotic cell death and underlying mechanisms in vitro. <i>Scientific Reports</i> , 2016, 6, 26277.	1.6	73
7	Transforming growth-beta 1 contributes to isoflurane postconditioning against cerebral ischemiaâ€“reperfusion injury by regulating the c-Jun N-terminal kinase signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2016, 78, 280-290.	2.5	67
8	Protectin DX increases survival in a mouse model of sepsis by ameliorating inflammation and modulating macrophage phenotype. <i>Scientific Reports</i> , 2017, 7, 99.	1.6	60
9	Cardiac protective effects of remote ischaemic preconditioning in children undergoing tetralogy of fallot repair surgery: a randomized controlled trial. <i>European Heart Journal</i> , 2018, 39, 1028-1037.	1.0	57
10	The pro-resolving lipid mediator Maresin 1 protects against cerebral ischemia/reperfusion injury by attenuating the pro-inflammatory response. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 175-181.	1.0	56
11	Hydrogen sulfide attenuates ferroptosis and stimulates autophagy by blocking mTOR signaling in sepsis-induced acute lung injury. <i>Molecular Immunology</i> , 2022, 141, 318-327.	1.0	54
12	Diabetes blocks the cardioprotective effects of sevoflurane postconditioning by impairing Nrf2/Brg1/HO-1 signaling. <i>European Journal of Pharmacology</i> , 2016, 779, 111-121.	1.7	50
13	Efficacy and safety of ciprofol for the sedation/anesthesia in patients undergoing colonoscopy: Phase IIa and IIb multi-center clinical trials. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105904.	1.9	48
14	Maresin 1 Mitigates Sepsis-Associated Acute Kidney Injury in Mice via Inhibition of the NF- κ B/STAT3/MAPK Pathways. <i>Frontiers in Pharmacology</i> , 2019, 10, 1323.	1.6	46
15	Enriched environment promotes post-stroke neurogenesis through NF- κ B-mediated secretion of IL-17A from astrocytes. <i>Brain Research</i> , 2018, 1687, 20-31.	1.1	45
16	Resolvin D1 Reverts Lipopolysaccharide-Induced TJ Proteins Disruption and the Increase of Cellular Permeability by Regulating Ca^{2+} Signaling in Human Vascular Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-8.	1.9	44
17	The potential benefits of the use of regional anesthesia in cancer patients. <i>International Journal of Cancer</i> , 2015, 137, 2774-2784.	2.3	41
18	A Systematic Review and Meta-Analysis Comparing Programmed Intermittent Bolus and Continuous Infusion as the Background Infusion for Parturient-Controlled Epidural Analgesia. <i>Scientific Reports</i> , 2019, 9, 2583.	1.6	41

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19	Dexmedetomidine inhibits inflammation in microglia cells under stimulation of LPS and ATP by c-Fos/NLRP3/caspase-1 cascades. <i>EXCLI Journal</i> , 2018, 17, 302-311.	0.5	40
20	Endoplasmic reticulum stress-mediated autophagy protects against lipopolysaccharide-induced apoptosis in HL-1 cardiomyocytes. <i>Experimental Physiology</i> , 2014, 99, 1348-1358.	0.9	38
21	Major adverse cardiac events in elderly patients with coronary artery disease undergoing noncardiac surgery: A multicenter prospective study in China. <i>Archives of Gerontology and Geriatrics</i> , 2015, 61, 503-509.	1.4	37
22	Remote Limb Ischaemic Postconditioning Protects Against Myocardial Ischaemia/Reperfusion Injury in Mice: Activation of JAK/STAT3-Mediated Nrf2-Antioxidant Signalling. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 1140-1151.	1.1	36
23	Anesthetic Management of Patients Undergoing Aortic Dissection Repair With Suspected Severe Acute Respiratory Syndrome COVID-19 Infection. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1402-1405.	0.6	35
24	Comparison of ciprofol (HSK3486) versus propofol for the induction of deep sedation during gastroscopy and colonoscopy procedures: A multicentre, non-inferiority, randomized, controlled phase 3 clinical trial. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2022, 131, 138-148.	1.2	35
25	DAPK1-ERK signal mediates oxygen glucose deprivation reperfusion induced apoptosis in mouse N2a cells. <i>Journal of the Neurological Sciences</i> , 2018, 387, 210-219.	0.3	34
26	Resolvin D1 attenuates mechanical stretch-induced pulmonary fibrosis via epithelial-mesenchymal transition. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L1013-L1024.	1.3	33
27	Interleukin-17A Acts to Maintain Neuropathic Pain Through Activation of CaMKII/CREB Signaling in Spinal Neurons. <i>Molecular Neurobiology</i> , 2016, 53, 3914-3926.	1.9	32
28	Remote ischemic postconditioning protects against renal ischemia/reperfusion injury by activation of T-LAK-cell-originated protein kinase (TOPK)/PTEN/Akt signaling pathway mediated anti-oxidation and anti-inflammation. <i>International Immunopharmacology</i> , 2016, 38, 395-401.	1.7	31
29	Maresin1 ameliorates acute lung injury induced by sepsis through regulating Th17/Treg balance. <i>Life Sciences</i> , 2020, 254, 117773.	2.0	31
30	BML-111, a Lipoxin Receptor Agonist, Attenuates Ventilator-Induced Lung Injury in Rats. <i>Shock</i> , 2014, 41, 311-316.	1.0	29
31	MicroRNA-155: Regulation of Immune Cells in Sepsis. <i>Mediators of Inflammation</i> , 2021, 2021, 1-10.	1.4	29
32	Rocuronium blockade reversal with sugammadex vs. neostigmine: randomized study in Chinese and Caucasian subjects. <i>BMC Anesthesiology</i> , 2014, 14, 53.	0.7	27
33	Effects of resolvin D1 on inflammatory responses and oxidative stress of lipopolysaccharide-induced acute lung injury in mice. <i>Chinese Medical Journal</i> , 2014, 127, 803-9.	0.9	27
34	Intrathecal Injection of Human Umbilical Cord-Derived Mesenchymal Stem Cells Ameliorates Neuropathic Pain in Rats. <i>Neurochemical Research</i> , 2016, 41, 3250-3260.	1.6	26
35	SIRT1 is a key regulatory target for the treatment of the endoplasmic reticulum stress-related organ damage. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110601.	2.5	26
36	Preventive effect of gastrodin on cognitive decline after cardiac surgery with cardiopulmonary bypass: A double-blind, randomized controlled study. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 120-127.	1.0	25

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37	Association of Polymorphisms in Pharmacogenetic Candidate Genes with Propofol Susceptibility. <i>Scientific Reports</i> , 2017, 7, 3343.	1.6	25
38	Resolvin D1 attenuates ventilator-induced lung injury by reducing HMGB1 release in a HO-1-dependent pathway. <i>International Immunopharmacology</i> , 2019, 75, 105825.	1.7	21
39	Maresin1 ameliorates sepsis-associated lung injury by inhibiting the activation of the JAK2/STAT3 and MAPK/ NF- κ B signaling pathways. <i>Microbial Pathogenesis</i> , 2020, 148, 104468.	1.3	21
40	Regulatory T cells are a double-edged sword in pulmonary fibrosis. <i>International Immunopharmacology</i> , 2020, 84, 106443.	1.7	21
41	BML-111 attenuates acute lung injury in endotoxemic mice. <i>Journal of Surgical Research</i> , 2016, 200, 619-630.	0.8	20
42	Postoperative remote lung injury and its impact on surgical outcome. <i>BMC Anesthesiology</i> , 2019, 19, 30.	0.7	19
43	Protectin DX ameliorates inflammation in sepsis-induced acute lung injury through mediating PPAR γ /NF- κ B pathway. <i>Immunologic Research</i> , 2020, 68, 280-288.	1.3	18
44	Aspirin-triggered lipoxin A4 attenuates lipopolysaccharide induced inflammatory response in primary astrocytes. <i>International Immunopharmacology</i> , 2014, 18, 85-89.	1.7	17
45	Maresin 1 Maintains the Permeability of Lung Epithelial Cells In Vitro and In Vivo. <i>Inflammation</i> , 2016, 39, 1981-1989.	1.7	17
46	Hyperforin improves post-stroke social isolation-induced exaggeration of PSD and PSA via TGF- β 2. <i>International Journal of Molecular Medicine</i> , 2019, 43, 413-425.	1.8	16
47	Resolvin D1 Alleviates Ventilator-Induced Lung Injury in Mice by Activating PPAR γ /NF- κ B Signaling Pathway. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	16
48	BML-111 accelerates the resolution of inflammation by modulating the Nrf2/HO-1 and NF- κ B pathways in rats with ventilator-induced lung injury. <i>International Immunopharmacology</i> , 2019, 69, 289-298.	1.7	16
49	Closed-Loop Control Better than Open-Loop Control of Propofol TCI Guided by BIS: A Randomized, Controlled, Multicenter Clinical Trial to Evaluate the CONCERT-CL Closed-Loop System. <i>PLoS ONE</i> , 2015, 10, e0123862.	1.1	16
50	Inactivation of TOPK Caused by Hyperglycemia Blocks Diabetic Heart Sensitivity to Sevoflurane Postconditioning by Impairing the PTEN/PI3K/Akt Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	15
51	CYY4137 alleviates sepsis-induced acute lung injury in mice by inhibiting the PDGFR β /Akt/NF- κ B/NLRP3 pathway. <i>Life Sciences</i> , 2021, 271, 119192.	2.0	15
52	The impact of carbon monoxide on years of life lost and modified effect by individual- and city-level characteristics: Evidence from a nationwide time-series study in China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111884.	2.9	14
53	Pretreatment with valproic acid alleviates pulmonary fibrosis through epithelial-mesenchymal transition inhibition in vitro and in vivo. <i>Laboratory Investigation</i> , 2021, 101, 1166-1175.	1.7	14
54	Death-associated protein kinase 1 mediates interleukin-1 β production through regulating inflammasome activation in Bv2 microglial cells and mice. <i>Scientific Reports</i> , 2018, 8, 9930.	1.6	13

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55	Role of Anesthesia Nurses in the Treatment and Management of Patients With COVID-19. <i>Journal of Perioperative Nursing</i> , 2020, 35, 453-456.	0.3	13
56	CX3CL1 inhibits NLRP3 inflammasome-induced microglial pyroptosis and improves neuronal function in mice with experimentally-induced ischemic stroke. <i>Life Sciences</i> , 2022, 300, 120564.	2.0	13
57	ResolvinD1 reduces apoptosis and inflammation in primary human alveolar epithelial type 2 cells. <i>Laboratory Investigation</i> , 2016, 96, 526-536.	1.7	12
58	Specialized pro-resolving mediators: It's anti-oxidant stress role in multiple disease models. <i>Molecular Immunology</i> , 2020, 126, 40-45.	1.0	12
59	TASK channels contribute to neuroprotective action of inhalational anesthetics. <i>Scientific Reports</i> , 2017, 7, 44203.	1.6	11
60	Pretreatment With Argon Protects Human Cardiac Myocyte-Like Progenitor Cells from Oxygen Glucose Deprivation-Induced Cell Death by Activation of AKT and Differential Regulation of Mapkinases. <i>Shock</i> , 2018, 49, 556-563.	1.0	11
61	Anxiety persists after recovery from acquired COVID-19 in anaesthesiologists. <i>Journal of Clinical Anesthesia</i> , 2020, 67, 109984.	0.7	11
62	Amelioration of Lipopolysaccharide-Induced Acute Lung Injury in Rats by Na-H Exchanger-1 Inhibitor Amiloride Is Associated with Reversal of ERK Mitogen-Activated Protein Kinase. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	10
63	LncRNAMORT is upregulated in myocardial infarction and promotes the apoptosis of cardiomyocyte by downregulating miR-93. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 247.	0.7	9
64	HCN channels contribute to the sensitivity of intravenous anesthetics in developmental mice. <i>Oncotarget</i> , 2018, 9, 12907-12917.	0.8	9
65	Argon preconditioning enhances postischemic cardiac functional recovery following cardioplegic arrest and global cold ischemia. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 539-546.	0.6	8
66	T Cell in Cerebral Ischemic Stroke: Characteristic, Immunity-Inflammatory Role, and Therapy. <i>Frontiers in Neurology</i> , 2022, 13, 842212.	1.1	8
67	IP3-Mediated Calcium Signaling Is Involved in the Mechanism of Fractalkine-Induced Hyperalgesia Response. <i>Medical Science Monitor</i> , 2018, 24, 8804-8811.	0.5	7
68	Mechanical Ventilation Induces an Inflammatory Response in Preinjured Lungs in Late Phase of Sepsis. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	1.9	6
69	The relationship between core temperature and perioperative shivering during caesarean section under intrathecal anesthesia with bupivacaine and ropivacaine: a randomized controlled study. <i>Journal of Anesthesia</i> , 2021, 35, 889-895.	0.7	6
70	Development and validation of a PBRM1-associated immune prognostic model for clear cell renal cell carcinoma. <i>Cancer Medicine</i> , 2021, 10, 6590-6609.	1.3	6
71	Ketofol performance to reduce postoperative emergence agitation in children undergoing adenotonsillectomy. <i>Libyan Journal of Medicine</i> , 2020, 15, 1688450.	0.8	4
72	Pro-resolution of inflammation: a potential strategy for treatment of acute lung injury/acute respiratory distress syndrome. <i>Chinese Medical Journal</i> , 2014, 127, 801-2.	0.9	4

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73	Edaravone rescues the lung by inhibiting lipid peroxidation and pro-inflammatory cytokines in a rat model. <i>Chinese Medical Journal</i> , 2014, 127, 968-70.	0.9	4
74	Ethnic disparities in postpartum hemorrhage after cesarean delivery: a retrospective case-control study. <i>Journal of Anesthesia</i> , 2021, 35, 197-205.	0.7	3
75	Fetal and Maternal Responses to Dexmedetomidine Intrathecal Application During Cesarean Section: A Meta-Analysis. <i>Medical Science Monitor</i> , 2020, 26, e918523.	0.5	3
76	Efficacy and Safety of Neuromuscular Blockade in Overweight Patients Undergoing Nasopharyngeal Surgery. <i>Medical Science Monitor</i> , 2020, 26, e926452.	0.5	3
77	Effects of HCN Channels in the Rostral Ventrolateral Medulla Contribute to the Cardiovascular Effects of Propofol. <i>Molecular Pharmacology</i> , 2018, 94, 1280-1288.	1.0	2
78	A Novel Mechanism of BAM8-22 Inhibiting Microglia Activation: Represses CX3CR1 Expression via Upregulating miR-184. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 550-558.	1.1	2
79	Practical workflow recommendations for emergency endotracheal intubation in critically ill patients with COVID-19 based on the experience of Wuhan Union Hospital. <i>Journal of Clinical Anesthesia</i> , 2020, 66, 109940.	0.7	2
80	Clinical data of early COVID-19 cases receiving extracorporeal membrane oxygenation in Wuhan, China. <i>Journal of Clinical Anesthesia</i> , 2021, 68, 110044.	0.7	2
81	Simple and Effective Primary Assessment of Emergency Patients in a COVID-19 Outbreak Area: A Retrospective, Observational Study. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 1253-1260.	1.2	1
82	Association Between Intermediate-Acting Neuromuscular-Blocking Agents and Short-Term Postoperative Outcomes in Patients with Gastric Cancer. <i>Cancer Management and Research</i> , 2020, Volume 12, 11391-11402.	0.9	1
83	Death-Associated Protein Kinase 1 Promotes Alveolar Epithelial Cell Apoptosis and Ventilator-Induced Lung Injury Through P53 Pathway. <i>Shock</i> , 2022, 57, 140-150.	1.0	1
84	Aspirin-triggered lipoxin A4 attenuates lipopolysaccharide-induced acute lung injury by inhibiting activation of mitogen-activated protein kinases and NF- κ B in mice. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 2570-2578.	0.5	1
85	Caspase inhibitors may attenuate opioid-induced hyperalgesia and tolerance via inhibiting microglial activation and neuroinflammation. <i>Journal of Medical Hypotheses and Ideas</i> , 2013, 7, 31-34.	0.7	0
86	The Initial Response to a Pandemic: Anesthesiology Experiences from China at the Onset of COVID-19. <i>Anesthesiology Clinics</i> , 2021, 39, 255-264.	0.6	0
87	Efficacy and Safety of Neuromuscular Blockade in Overweight Patients Undergoing Nasopharyngeal Surgery. <i>Medical Science Monitor</i> , 2020, 26, e926452.	0.5	0
88	Evaluation of the Effect of Dexmedetomidine on Postoperative Cognitive Dysfunction through A β 2 and Cytokines Analysis. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 515-522.	0.3	0
89	Diaphragm ultrasound to evaluate the antagonistic effect of sugammadex on rocuronium after liver surgery in patients with different liver Child-Pugh grades: study protocol for a prospective, double-blind, non-randomised controlled trial. <i>BMJ Open</i> , 2022, 12, e052279.	0.8	0