

Cheng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

887
citations

516710

16
h-index

526287

27
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63
all docs

63
docs citations

63
times ranked

1139
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Identifying c-fos Expression as a Strategy to Investigate the Actions of General Anesthetics on the Central Nervous System. <i>Current Neuropharmacology</i> , 2022, 20, 55-71. | 2.9 | 4 |
| 2 | Câ€œXâ€œ motif chemokine ligand 1 and its receptor Câ€œXâ€œ motif chemokine receptor 2 in trigeminal ganglion contribute to nerve injuryâ€œinduced orofacial mechanical allodynia. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 195-206. | 3.0 | 9 |
| 3 | Progress in Neuropharmacology of Anesthetics and Analgesics for the Improvement of Medical Treatment. <i>Current Neuropharmacology</i> , 2022, 20, 3-3. | 2.9 | 0 |
| 4 | QX-OH/Levobupivacaine: A Structurally Novel, Potent Local Anesthetic Produces Fast-Onset and Long-Lasting Regional Anesthesia in Rats. <i>Journal of Pain Research</i> , 2022, Volume 15, 331-340. | 2.0 | 1 |
| 5 | Activation of the N-methyl-D-aspartate receptor contributes to orofacial neuropathic and inflammatory allodynia by facilitating calcium-calmodulin-dependent protein kinase II phosphorylation in mice. <i>Brain Research Bulletin</i> , 2022, 185, 174-192. | 3.0 | 9 |
| 6 | Activation of oxytocin receptor in the trigeminal ganglion attenuates orofacial ectopic pain attributed to inferior alveolar nerve injury. <i>Journal of Neurophysiology</i> , 2021, 125, 223-231. | 1.8 | 19 |
| 7 | A randomized trial to assess the effect of cricoid displacing maneuver on the success rate of blind placement of double-lumen tube and Univent bronchial blocker. <i>Annals of Palliative Medicine</i> , 2021, 10, 1976-1984. | 1.2 | 1 |
| 8 | Effects of sevoflurane anesthesia and abdominal surgery on the systemic metabolome: a prospective observational study. <i>BMC Anesthesiology</i> , 2021, 21, 80. | 1.8 | 3 |
| 9 | Sub-chronic exposure to morphine alters general anesthetic potency by differentially regulating the expression of neurotransmitter receptor subunits in mice. <i>Brain Research Bulletin</i> , 2021, 169, 136-144. | 3.0 | 2 |
| 10 | Isoflurane Suppresses Hippocampal High-frequency Ripples by Differentially Modulating Pyramidal Neurons and Interneurons in Mice. <i>Anesthesiology</i> , 2021, 135, 122-135. | 2.5 | 4 |
| 11 | The Î±2Î²-1-NMDAR1 interaction in the trigeminal ganglion contributes to orofacial ectopic pain following inferior alveolar nerve injury. <i>Brain Research Bulletin</i> , 2021, 171, 162-171. | 3.0 | 6 |
| 12 | NMDAR1-Src-Pannexin1 Signal Pathway in the Trigeminal Ganglion Contributed to Orofacial Ectopic Pain Following Inferior Alveolar Nerve Transection. <i>Neuroscience</i> , 2021, 466, 77-86. | 2.3 | 13 |
| 13 | Sodium leak channel contributes to neuronal sensitization in neuropathic pain. <i>Progress in Neurobiology</i> , 2021, 202, 102041. | 5.7 | 9 |
| 14 | Sodium Leak Channel in the Nucleus Accumbens Modulates Ethanol-Induced Acute Stimulant Responses and Locomotor Sensitization in Mice: A Brief Research Report. <i>Frontiers in Neuroscience</i> , 2021, 15, 687470. | 2.8 | 2 |
| 15 | Elevated Expression and Activity of Sodium Leak Channel Contributes to Neuronal Sensitization of Inflammatory Pain in Rats. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 723395. | 2.9 | 12 |
| 16 | Effects of Prior Antiplatelet Therapy on Mortality, Functional Outcome, and Hematoma Expansion in Intracerebral Hemorrhage: An Updated Systematic Review and Meta-Analysis of Cohort Studies. <i>Frontiers in Neurology</i> , 2021, 12, 691357. | 2.4 | 2 |
| 17 | Volatile anesthetics maintain tidal volume and minute ventilation to a greater degree than propofol under spontaneous respiration. <i>BMC Anesthesiology</i> , 2021, 21, 238. | 1.8 | 3 |
| 18 | Effects of Perioperative Epidural Analgesia on Cancer Recurrence and Survival. <i>Frontiers in Oncology</i> , 2021, 11, 798435. | 2.8 | 1 |

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|----|---|-----|-----------|
| 19 | The 100 top-cited studies on postoperative hyperalgesia in the last 30 years: a bibliometric analysis. <i>Annals of Palliative Medicine</i> , 2021, 10, 12538-12545. | 1.2 | 2 |
| 20 | Activation of the RAS/Raf/MEK/ERK pathway in satellite glial cells contributes to substance P-mediated orofacial pain. <i>European Journal of Neuroscience</i> , 2020, 51, 2205-2218. | 2.6 | 18 |
| 21 | The General Anesthetic Isoflurane Bilaterally Modulates Neuronal Excitability. <i>IScience</i> , 2020, 23, 100760. | 4.1 | 22 |
| 22 | Short-Term Outcomes of Patients With COVID-19 Undergoing Invasive Mechanical Ventilation: A Retrospective Observational Study From Wuhan, China. <i>Frontiers in Medicine</i> , 2020, 7, 571542. | 2.6 | 6 |
| 23 | Value of lung ultrasound for the diagnosis of COVID-19 pneumonia: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e039180. | 1.9 | 3 |
| 24 | Deficiency of Mitochondrial Functions and Peroxidation of Frontoparietal Cortex Enhance Isoflurane Sensitivity in Aging Mice. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 583542. | 3.4 | 1 |
| 25 | Emergency Caesarean delivery in a patient with confirmed COVID-19 under spinal anaesthesia. <i>British Journal of Anaesthesia</i> , 2020, 124, e216-e218. | 3.4 | 58 |
| 26 | Volatile Anesthetics Activate a Leak Sodium Conductance in Retrotrapezoid Nucleus Neurons to Maintain Breathing during Anesthesia in Mice. <i>Anesthesiology</i> , 2020, 133, 824-838. | 2.5 | 18 |
| 27 | The Effects of General Anesthetics on Synaptic Transmission. <i>Current Neuropharmacology</i> , 2020, 18, 936-965. | 2.9 | 27 |
| 28 | Novel compound LL-a produces long and nociceptive-selective regional anesthesia via TRPV1 channels in rodents sciatic nerve block model. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 412-418. | 2.3 | 2 |
| 29 | Inhibition of Fatty Acid Amide Hydrolase Improves Depressive-Like Behaviors Independent of Its Peripheral Antinociceptive Effects in a Rat Model of Neuropathic Pain. <i>Anesthesia and Analgesia</i> , 2019, 129, 587-597. | 2.2 | 27 |
| 30 | Activation of mitogen-activated protein kinases in satellite glial cells of the trigeminal ganglion contributes to substance P-mediated inflammatory pain. <i>International Journal of Oral Science</i> , 2019, 11, 24. | 8.6 | 26 |
| 31 | The P2Y ₁₄ receptor in the trigeminal ganglion contributes to the maintenance of inflammatory pain. <i>Neurochemistry International</i> , 2019, 131, 104567. | 3.8 | 22 |
| 32 | P2Y ₁₄ receptor is functionally expressed in satellite glial cells and mediates interleukin-1 β and chemokine CCL2 secretion. <i>Journal of Cellular Physiology</i> , 2019, 234, 21199-21210. | 4.1 | 31 |
| 33 | GABAB receptor activation attenuates inflammatory orofacial pain by modulating interleukin-1 β in satellite glial cells: Role of NF- κ B and MAPK signaling pathways. <i>Brain Research Bulletin</i> , 2019, 149, 240-250. | 3.0 | 23 |
| 34 | Differential Inhibition of Neuronal Sodium Channel Subtypes by the General Anesthetic Isoflurane. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 200-211. | 2.5 | 15 |
| 35 | Isoflurane Modulates Hippocampal Cornu Ammonis Pyramidal Neuron Excitability by Inhibition of Both Transient and Persistent Sodium Currents in Mice. <i>Anesthesiology</i> , 2019, 131, 94-104. | 2.5 | 13 |
| 36 | Dexamethasone added to local anesthetics in ultrasound-guided transversus abdominis plain (TAP) block for analgesia after abdominal surgery: A systematic review and meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , 2019, 14, e0209646. | 2.5 | 29 |

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|----|--|------|-----------|
| 37 | Capsazepine prolongation of the duration of lidocaine block of sensory transmission in mice may be mediated by modulation of HCN channel currents. <i>PeerJ</i> , 2019, 7, e7111. | 2.0 | 3 |
| 38 | Targeting Delivery of Lidocaine and Cisplatin by Nanogel Enhances Chemotherapy and Alleviates Metastasis. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25228-25240. | 8.0 | 28 |
| 39 | Gold nanorods-based thermosensitive hydrogel produces selective long-lasting regional anesthesia triggered by photothermal activation of Transient Receptor Potential Vanilloid Type-1 channels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 17-23. | 5.0 | 8 |
| 40 | The etomidate analog ET-26 HCl retains superior myocardial performance: Comparisons with etomidate in vivo and in vitro. <i>PLoS ONE</i> , 2018, 13, e0190994. | 2.5 | 8 |
| 41 | Elevation of arachidonylethanolamide levels by activation of the endocannabinoid system protects against colitis and ameliorates remote organ lesions in mice. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5664-5670. | 1.8 | 7 |
| 42 | Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel Blocker ZD7288 Prevents Sevoflurane-Induced Hyperactivity in A Novel Mice Behavioral Model. <i>Journal of Anesthesia and Perioperative Medicine</i> , 2017, 4, 205-212. | 0.2 | 0 |
| 43 | Protective Effect of Emulsified Isoflurane Preconditioning on Cardiac Toxicity Induced by Bupivacaine in Rats. <i>Journal of Anesthesia and Perioperative Medicine</i> , 2017, 4, 199-204. | 0.2 | 0 |
| 44 | Adding Emulsified Isoflurane to Cardioplegia Solution Produces Cardiac Protection in a Dog Cardiopulmonary Bypass Model. <i>Scientific Reports</i> , 2016, 6, 23572. | 3.3 | 7 |
| 45 | Click and Release: A Chemical Strategy toward Developing Gasotransmitter Prodrugs by Using an Intramolecular Diels-Alder Reaction. <i>Angewandte Chemie</i> , 2016, 128, 16078-16083. | 2.0 | 16 |
| 46 | Click and Release: A Chemical Strategy toward Developing Gasotransmitter Prodrugs by Using an Intramolecular Diels-Alder Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15846-15851. | 13.8 | 121 |
| 47 | Hyperpolarization-activated Cyclic Nucleotide-gated Channels May Contribute to Regional Anesthetic Effects of Lidocaine. <i>Anesthesiology</i> , 2015, 122, 606-618. | 2.5 | 12 |
| 48 | HCN1 Channels Contribute to the Effects of Amnesia and Hypnosis but not Immobility of Volatile Anesthetics. <i>Anesthesia and Analgesia</i> , 2015, 121, 661-666. | 2.2 | 35 |
| 49 | Emulsified halothane produces long-term epidural anesthetic effect: a study in rabbits. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4573-80. | 0.5 | 0 |
| 50 | Emulsified Isoflurane Enhances Thermal Transient Receptor Potential Vanilloid-1 Channel Activation-mediated Sensory/Nociceptive Blockade by QX-314. <i>Anesthesiology</i> , 2014, 121, 280-289. | 2.5 | 10 |
| 51 | Emulsified Isoflurane Increases Convulsive Thresholds of Lidocaine and Produces Neural Protection After Convulsion in Rats. <i>Anesthesia and Analgesia</i> , 2014, 118, 310-317. | 2.2 | 6 |
| 52 | The Quaternary Lidocaine Derivative QX-314 Produces Long-Lasting Intravenous Regional Anesthesia in Rats. <i>PLoS ONE</i> , 2014, 9, e99704. | 2.5 | 8 |
| 53 | Effect of flumazenil on sevoflurane requirements for minimum alveolar anesthetic concentration-awake and recovery status. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 673-9. | 1.3 | 3 |
| 54 | Comparison of subarachnoid anesthetic effect of emulsified volatile anesthetics in rats. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 8748-55. | 0.5 | 0 |

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|----|---|-----|-----------|
| 55 | Forebrain HCN1 Channels Contribute to Hypnotic Actions of Ketamine. <i>Anesthesiology</i> , 2013, 118, 785-795. | 2.5 | 64 |
| 56 | A novel intravenous general anesthetic " emulsified isoflurane: from bench to bedside. <i>Frontiers of Medicine</i> , 2012, 6, 381-387. | 3.4 | 13 |
| 57 | General anesthesia mediated by effects on ion channels. <i>World Journal of Critical Care Medicine</i> , 2012, 1, 80. | 1.8 | 50 |
| 58 | Inhibition of Voltage-Gated Sodium Channels by Emulsified Isoflurane May Contribute to Its Subarachnoid Anesthetic Effect in Beagle Dogs. <i>Regional Anesthesia and Pain Medicine</i> , 2011, 36, 553-559. | 2.3 | 14 |
| 59 | The Interaction Between Emulsified Isoflurane and Lidocaine Is Synergism in Intravenous Regional Anesthesia in Rats. <i>Anesthesia and Analgesia</i> , 2011, 113, 245-250. | 2.2 | 21 |
| 60 | Single-dose sulfentanil or fentanyl reduces agitation after sevoflurane anesthesia in children undergoing ophthalmology surgery. <i>Pakistan Journal of Medical Sciences</i> , 1969, 30, 1059-63. | 0.6 | 8 |