

Xiao-Ping Gu

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

965
citations

394421

19
h-index

501196

28
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51
all docs

51
docs citations

51
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroinflammation-mediated mitochondrial dysregulation involved in postoperative cognitive dysfunction. <i>Free Radical Biology and Medicine</i> , 2022, 178, 134-146.	2.9	31
2	The role of 5-HT7R in the memory impairment of mice induced by long-term isoflurane anesthesia. <i>Neurobiology of Learning and Memory</i> , 2022, 188, 107584.	1.9	2
3	Connexin 43 gap junction-mediated astrocytic network reconstruction attenuates isoflurane-induced cognitive dysfunction in mice. <i>Journal of Neuroinflammation</i> , 2022, 19, 64.	7.2	27
4	TREM2 and CD163 Ameliorate Microglia-Mediated Inflammatory Environment in the Aging Brain. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 1075-1084.	2.3	5
5	S-Ketamine Pretreatment Alleviates Anxiety-Like Behaviors and Mechanical Allodynia and Blocks the Pro-inflammatory Response in Striatum and Periaqueductal Gray From a Post-traumatic Stress Disorder Model. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 848232.	2.0	9
6	The application of the acoustic shadowing facilitates guidance in radial artery puncture and cannulation teaching in standardized training for residents: a randomized controlled trial. <i>BMC Medical Education</i> , 2022, 22, 263.	2.4	5
7	The transcription factor CCAAT/enhancer-binding protein β in spinal microglia contributes to pre-operative stress-induced prolongation of postsurgical pain. <i>Molecular Pain</i> , 2022, , 174480692210993.	2.1	1
8	Metformin alleviates prolonged isoflurane inhalation induced cognitive decline via reducing neuroinflammation in adult mice. <i>International Immunopharmacology</i> , 2022, 109, 108903.	3.8	10
9	Effects of 5-HT7 receptors on circadian rhythm of mice anesthetized with isoflurane. <i>Chronobiology International</i> , 2021, 38, 38-45.	2.0	4
10	HuB and HuD repress telomerase activity by dissociating HuR from <i>TERC</i> . <i>Nucleic Acids Research</i> , 2021, 49, 2848-2858.	14.5	9
11	Amelioration of Hippocampal Insulin Resistance Reduces Tau Hyperphosphorylation and Cognitive Decline Induced by Isoflurane in Mice. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 686506.	3.4	13
12	Identification of hub genes associated with cognition in the hippocampus of Alzheimer's Disease. <i>Bioengineered</i> , 2021, 12, 9598-9609.	3.2	12
13	Isoflurane aggravates peripheral and central insulin resistance in high-fat diet/streptozocin-induced type 2 diabetic mice. <i>Brain Research</i> , 2020, 1727, 146511.	2.2	11
14	Spinal cannabinoid receptor 2 activation reduces hypersensitivity associated with bone cancer pain and improves the integrity of the blood-spinal cord barrier. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 783-791.	2.3	21
15	Validation of the Chinese version of the Amsterdam Preoperative Anxiety and Information Scale (APAIS). <i>Health and Quality of Life Outcomes</i> , 2020, 18, 66.	2.4	24
16	Protective effects of grape seed procyanidin on isoflurane-induced cognitive impairment in mice. <i>Pharmaceutical Biology</i> , 2020, 58, 200-207.	2.9	11
17	Pioglitazone Attenuates Experimental Colitis-Associated Hyperalgesia through Improving the Intestinal Barrier Dysfunction. <i>Inflammation</i> , 2020, 43, 568-578.	3.8	19
18	GPR30 receptor promotes preoperative anxiety-induced postoperative hyperalgesia by up-regulating GABA β subunits in periaqueductal gray in female rats. <i>BMC Anesthesiology</i> , 2020, 20, 93.	1.8	2

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19	Time-restricted feeding alters isoflurane-induced memory deficits. <i>Translational Neuroscience</i> , 2020, 11, 341-355.	1.4	2
20	GLYX-13 pretreatment ameliorates long-term isoflurane exposure-induced cognitive impairment in mice. <i>Neural Regeneration Research</i> , 2020, 15, 128.	3.0	13
21	Photoacoustic treatment mitigates cognitive dysfunction in a model of sleep-wake rhythm disturbance. <i>Neural Regeneration Research</i> , 2020, 15, 1094.	3.0	4
22	The role of CaMKII in neuropathic pain and fear memory in chronic constriction injury in rats. <i>International Journal of Neuroscience</i> , 2019, 129, 148-156.	1.6	16
23	Effect of neuromuscular blockade on transcranial electric motor evoked potentials during surgical correction for idiopathic scoliosis under total intravenous anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 471-479.	1.6	6
24	<p>Anxiety-induced hyperalgesia in female rats is mediated by cholecystokinin 2 receptor in rostral ventromedial medulla and spinal 5-hydroxytryptamine 2B receptor</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 2009-2026.	2.0	11
25	Green tea polyphenols improve isoflurane-induced cognitive impairment via modulating oxidative stress. <i>Journal of Nutritional Biochemistry</i> , 2019, 73, 108213.	4.2	23
26	Imbalanced spinal infiltration of Th17/Treg cells contributes to bone cancer pain via promoting microglial activation. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 139-151.	4.1	26
27	The GCs-SGK1-ATP Signaling Pathway in Spinal Astrocytes Underlied Presurgical Anxiety-Induced Postsurgical Hyperalgesia. <i>Anesthesia and Analgesia</i> , 2019, 129, 1163-1169.	2.2	7
28	Perioperative activation of spinal $\alpha 7$ nAChR promotes recovery from preoperative stress-induced prolongation of postsurgical pain. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 294-308.	4.1	17
29	Circadian rhythm resynchronization improved isoflurane-induced cognitive dysfunction in aged mice. <i>Experimental Neurology</i> , 2018, 306, 45-54.	4.1	41
30	Dehydrocorydaline attenuates bone cancer pain by shifting microglial M1/M2 polarization toward the M2 phenotype. <i>Molecular Pain</i> , 2018, 14, 174480691878173.	2.1	53
31	Persistent mitoKATP Activation Is Involved in the Isoflurane-induced Cytotoxicity. <i>Molecular Neurobiology</i> , 2017, 54, 1101-1110.	4.0	7
32	Glucocorticoid-Potentiated Spinal Microglia Activation Contributes to Preoperative Anxiety-Induced Postoperative Hyperalgesia. <i>Molecular Neurobiology</i> , 2017, 54, 4316-4328.	4.0	28
33	Activation of spinal $\alpha 7$ nicotinic acetylcholine receptor shortens the duration of remifentanyl-induced postoperative hyperalgesia by upregulating KCC2 in the spinal dorsal horn in rats. <i>Molecular Pain</i> , 2017, 13, 174480691770476.	2.1	11
34	Spinal activation of $\alpha 7$ -nicotinic acetylcholine receptor attenuates posttraumatic stress disorder-related chronic pain via suppression of glial activation. <i>Neuroscience</i> , 2017, 344, 243-254.	2.3	29
35	Three-Dimensional Aggregates Enhance the Therapeutic Effects of Adipose Mesenchymal Stem Cells for Ischemia-Reperfusion Induced Kidney Injury in Rats. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	23
36	Hippocampal activation of microglia may underlie the shared neurobiology of comorbid posttraumatic stress disorder and chronic pain. <i>Molecular Pain</i> , 2016, 12, 174480691667916.	2.1	47

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37	Activated Glia Increased the Level of Proinflammatory Cytokines in a Resiniferatoxin-Induced Neuropathic Pain Rat Model. <i>Regional Anesthesia and Pain Medicine</i> , 2016, 41, 744-749.	2.3	21
38	CREB-regulated transcription coactivator 1 enhances CREB-dependent gene expression in spinal cord to maintain the bone cancer pain in mice. <i>Molecular Pain</i> , 2016, 12, 174480691664167.	2.1	22
39	Melatonin pretreatment prevents isoflurane-induced cognitive dysfunction by modulating sleep-wake rhythm in mice. <i>Brain Research</i> , 2016, 1634, 12-20.	2.2	31
40	Mas-Related Gene (Mrg) C Activation Attenuates Bone Cancer Pain via Modulating Gi and NR2B. <i>PLoS ONE</i> , 2016, 11, e0154851.	2.5	6
41	Intrathecal Injection of JWH-015 Attenuates Bone Cancer Pain Via Time-Dependent Modification of Pro-inflammatory Cytokines Expression and Astrocytes Activity in Spinal Cord. <i>Inflammation</i> , 2015, 38, 1880-1890.	3.8	55
42	Protective effects of astaxanthin against ischemia/reperfusion induced renal injury in mice. <i>Journal of Translational Medicine</i> , 2015, 13, 28.	4.4	44
43	Activation of spinal alpha-7 nicotinic acetylcholine receptor attenuates remifentanyl-induced postoperative hyperalgesia. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 1871-9.	1.3	10
44	Gender of patients and level of osteotomy are predictive factors for blood loss in ankylosing spondylitis patients undergoing pedicle subtraction osteotomy. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 9708-15.	1.3	1
45	Activation of GRs-Akt-nNOS-NR2B signaling pathway by second dose GR agonist contributes to exacerbated hyperalgesia in a rat model of radicular pain. <i>Molecular Biology Reports</i> , 2014, 41, 4053-4061.	2.3	11
46	The inhibitor of calcium/calmodulin-dependent protein kinase II KN93 attenuates bone cancer pain via inhibition of KIF17/NR2B trafficking in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 19-26.	2.9	25
47	Intrathecal Injection of the Peptide Myr-NR2B9c Attenuates Bone Cancer Pain Via Perturbing N-Methyl-D-Aspartate Receptor-PSD-95 Protein Interactions in Mice. <i>Anesthesia and Analgesia</i> , 2014, 118, 1345-1354.	2.2	23
48	Intrathecal Injection of Spironolactone Attenuates Radicular Pain by Inhibition of Spinal Microglia Activation in a Rat Model. <i>PLoS ONE</i> , 2012, 7, e39897.	2.5	29
49	Intrathecal Injection of Metabotropic Glutamate Receptor Subtype 3 and 5 Agonist/Antagonist Attenuates Bone Cancer Pain by Inhibition of Spinal Astrocyte Activation in a Mouse Model. <i>Anesthesiology</i> , 2012, 116, 122-132.	2.5	72
50	Intraperitoneal Injection of Thalidomide Attenuates Bone Cancer Pain and Decreases Spinal Tumor Necrosis Factor- α Expression in a Mouse Model. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-64.	2.1	35