

Jun-Li Cao

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

3,146
citations

212478

28
h-index

198040

52
g-index

90
all docs

90
docs citations

90
times ranked

4209
citing authors

#	ARTICLE	IF	CITATIONS
1	Urinary albumin creatinine ratio associated with postoperative delirium in elderly patients undergoing elective non-cardiac surgery: A prospective observational study. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 521-530.	1.9	11
2	Stimulating TRPM7 suppresses cancer cell proliferation and metastasis by inhibiting autophagy. <i>Cancer Letters</i> , 2022, 525, 179-197.	3.2	14
3	Effects of individualized positive end-expiratory pressure combined with recruitment maneuver on intraoperative ventilation during abdominal surgery: a systematic review and network meta-analysis of randomized controlled trials. <i>Journal of Anesthesia</i> , 2022, 36, 303-315.	0.7	6
4	Autophagy inhibition mediated by MCOLN1/TRPML1 suppresses cancer metastasis via regulating a ROS-driven TP53/p53 pathway. <i>Autophagy</i> , 2022, 18, 1932-1954.	4.3	43
5	miRNA-22 Upregulates Mtf1 in Dorsal Horn Neurons and Is Essential for Inflammatory Pain. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-23.	1.9	9
6	The Slack Channel Regulates Anxiety-Like Behaviors via Basolateral Amygdala Glutamatergic Projections to Ventral Hippocampus. <i>Journal of Neuroscience</i> , 2022, 42, 3049-3064.	1.7	5
7	Blunting TRPML1 channels protects myocardial ischemia/reperfusion injury by restoring impaired cardiomyocyte autophagy. <i>Basic Research in Cardiology</i> , 2022, 117, 20.	2.5	28
8	Methyltransferase-like 3 contributes to inflammatory pain by targeting TET1 in YTHDF2-dependent manner. <i>Pain</i> , 2021, 162, 1960-1976.	2.0	35
9	Blunted diurnal firing in lateral habenula projections to dorsal raphe nucleus and delayed photoentrainment in stress-susceptible mice. <i>PLoS Biology</i> , 2021, 19, e3000709.	2.6	15
10	KCNQ Channels in the Mesolimbic Reward Circuit Regulate Nociception in Chronic Pain in Mice. <i>Neuroscience Bulletin</i> , 2021, 37, 597-610.	1.5	19
11	Medial septum glutamatergic neurons control wakefulness through a septo-hypothalamic circuit. <i>Current Biology</i> , 2021, 31, 1379-1392.e4.	1.8	16
12	Behaviors Related to Psychiatric Disorders and Pain Perception in C57BL/6J Mice During Different Phases of Estrous Cycle. <i>Frontiers in Neuroscience</i> , 2021, 15, 650793.	1.4	16
13	The synergistic effects of opioid and neuropeptide B/W in rat acute inflammatory and neuropathic pain models. <i>European Journal of Pharmacology</i> , 2021, 898, 173979.	1.7	5
14	GABAergic Neurons in the Dorsal Intermediate Lateral Septum Regulate Sleep-Wakefulness and Anesthesia in Mice. <i>Anesthesiology</i> , 2021, 135, 463-481.	1.3	21
15	Association Between Burst-Suppression Latency and Burst-Suppression Ratio Under Isoflurane or Adjuvant Drugs With Isoflurane Anesthesia in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 740012.	1.6	3
16	Neuropathic pain generates silent synapses in thalamic projection to anterior cingulate cortex. <i>Pain</i> , 2021, 162, 1322-1333.	2.0	25
17	Contralateral Projection of Anterior Cingulate Cortex Contributes to Mirror-Image Pain. <i>Journal of Neuroscience</i> , 2021, 41, 9988-10003.	1.7	17
18	Association between preoperative serum homocysteine and delayed neurocognitive recovery after non-cardiac surgery in elderly patients: a prospective observational study. <i>Perioperative Medicine (London, England)</i> , 2021, 10, 37.	0.6	3

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19	Cortical and Thalamic Interaction with Amygdala-to-Accumbens Synapses. <i>Journal of Neuroscience</i> , 2020, 40, 7119-7132.	1.7	19
20	Novel Projections to the Cerebrospinal Fluid-Contacting Nucleus From the Subcortex and Limbic System in Rat. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 57.	0.9	4
21	A Special Cranial Nucleus (CSF-Contacting Nucleus) in Primates. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 53.	0.9	2
22	The CSF-Contacting Nucleus Receives Anatomical Inputs From the Cerebral Cortex: A Combination of Retrograde Tracing and 3D Reconstruction Study in Rat. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 600555.	0.9	2
23	Mesocortical BDNF signaling mediates antidepressive-like effects of lithium. <i>Neuropsychopharmacology</i> , 2020, 45, 1557-1566.	2.8	16
24	Pellino1 regulates neuropathic pain as well as microglial activation through the regulation of MAPK/NF- κ B signaling in the spinal cord. <i>Journal of Neuroinflammation</i> , 2020, 17, 83.	3.1	39
25	Monosynaptic Input Mapping of Diencephalic Projections to the Cerebrospinal Fluid-Contacting Nucleus in the Rat. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 7.	0.9	7
26	Chronic Pain Impairs Memory Formation via Disruption of Neurogenesis Mediated by Mesohippocampal Brain-Derived Neurotrophic Factor Signaling. <i>Biological Psychiatry</i> , 2020, 88, 597-610.	0.7	31
27	Disinhibition of PVN-projecting GABAergic neurons in AV region in BNST participates in visceral hypersensitivity in rats. <i>Psychoneuroendocrinology</i> , 2020, 117, 104690.	1.3	19
28	Connection Input Mapping and 3D Reconstruction of the Brainstem and Spinal Cord Projections to the CSF-Contacting Nucleus. <i>Frontiers in Neural Circuits</i> , 2020, 14, 11.	1.4	7
29	Reversal of hyperactive subthalamic circuits differentially mitigates pain hypersensitivity phenotypes in parkinsonian mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10045-10054.	3.3	31
30	lncRNA RHPN1-AS1 Serves as a Sponge for miR-3133 Modulating the Cell Proliferation of Retinoblastoma through JAK2. <i>BioMed Research International</i> , 2020, 2020, 1-14.	0.9	6
31	The Nimodipine-Sparing Effect of Perioperative Dexmedetomidine Infusion During Aneurysmal Subarachnoid Hemorrhage: A Prospective, Randomized, Controlled Trial. <i>Frontiers in Pharmacology</i> , 2019, 10, 858.	1.6	9
32	Effect of intraoperative infusion of dexmedetomidine on postoperative recovery in patients undergoing endovascular interventional therapies: A prospective, randomized, controlled trial. <i>Brain and Behavior</i> , 2019, 9, e01317.	1.0	12
33	A Key Noradrenergic Brainstem-Mesolimbic Circuit: Resilience to Social Stress. <i>Chronic Stress</i> , 2019, 3, 247054701985018.	1.7	4
34	In Response. <i>Anesthesia and Analgesia</i> , 2019, 128, e80-e81.	1.1	0
35	Moderate maternal separation mitigates the altered synaptic transmission and neuronal activation in amygdala by chronic stress in adult mice. <i>Molecular Brain</i> , 2019, 12, 111.	1.3	25
36	<p>Inhibition Of Monocarboxylate Transporter 1 In Spinal Cord Horn Significantly Reverses Chronic Inflammatory Pain</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 2981-2990.	0.8	2

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37	Î±1- and Î²3-Adrenergic Receptor-Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. <i>Biological Psychiatry</i> , 2019, 85, 226-236.	0.7	53
38	Preoperative Salivary Cortisol am/pm Ratio Predicts Early Postoperative Cognitive Dysfunction After Noncardiac Surgery in Elderly Patients. <i>Anesthesia and Analgesia</i> , 2019, 128, 349-357.	1.1	19
39	MicroRNA-1224 Splicing CircularRNA-Filip1l in an Ago2-Dependent Manner Regulates Chronic Inflammatory Pain via Targeting Ubr5. <i>Journal of Neuroscience</i> , 2019, 39, 2125-2143.	1.7	59
40	Sex Differences in the Neuroadaptations of Reward-related Circuits in Response to Subchronic Variable Stress. <i>Neuroscience</i> , 2018, 376, 108-116.	1.1	39
41	Inhibition of spinal MAPKs by scorpion venom peptide BmK AGAP produces a sensory-specific analgesic effect. <i>Molecular Pain</i> , 2018, 14, 174480691876123.	1.0	18
42	Brain-derived neurotrophic factor-mediated projection-specific regulation of depressive-like and nociceptive behaviors in the mesolimbic reward circuitry. <i>Pain</i> , 2018, 159, 175-175.	2.0	43
43	Roles and regulations of dopaminergic pathways in repeated stress-induced emotional changes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY72-4.	0.0	0
44	Brain-Derived Neurotrophic Factor in the Mesolimbic Reward Circuitry Mediates Nociception in Chronic Neuropathic Pain. <i>Biological Psychiatry</i> , 2017, 82, 608-618.	0.7	75
45	DNA Hydroxymethylation by Ten-eleven Translocation Methylcytosine Dioxygenase 1 and 3 Regulates Nociceptive Sensitization in a Chronic Inflammatory Pain Model. <i>Anesthesiology</i> , 2017, 127, 147-163.	1.3	27
46	Astroglial MicroRNA-219-5p in the Ventral Tegmental Area Regulates Nociception in Rats. <i>Anesthesiology</i> , 2017, 127, 548-564.	1.3	8
47	Empathy skill-dependent modulation of working memory by painful scene. <i>Scientific Reports</i> , 2017, 7, 4527.	1.6	1
48	Effects of intraoperative dexmedetomidine with intravenous anesthesia on postoperative emergence agitation/delirium in pediatric patients undergoing tonsillectomy with or without adenoidectomy. <i>Medicine (United States)</i> , 2016, 95, e5566.	0.4	31
49	Activation of corticotropin-releasing factor neurons and microglia in paraventricular nucleus precipitates visceral hypersensitivity induced by colorectal distension in rats. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 93-104.	2.0	52
50	Loss of the trpc4 gene is associated with a reduction in cocaine self-administration and reduced spontaneous ventral tegmental area dopamine neuronal activity, without deficits in learning for natural rewards. <i>Behavioural Brain Research</i> , 2016, 306, 117-127.	1.2	5
51	Hydroxymethylation of microRNA-365-3p Regulates Nociceptive Behaviors via Kcnh2. <i>Journal of Neuroscience</i> , 2016, 36, 2769-2781.	1.7	54
52	Caveolin-1 in the Anterior Cingulate Cortex Modulates Chronic Neuropathic Pain via Regulation of NMDA Receptor 2B Subunit. <i>Journal of Neuroscience</i> , 2015, 35, 36-52.	1.7	66
53	Epigenetic Modification of Spinal miR-219 Expression Regulates Chronic Inflammation Pain by Targeting CaMKIIÎ³. <i>Journal of Neuroscience</i> , 2014, 34, 9476-9483.	1.7	94
54	Effects of intrathecal opioids combined with low-dose naloxone on motilin and its receptor in a rat model of postoperative pain. <i>Life Sciences</i> , 2014, 103, 88-94.	2.0	4

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55	Role of the cerebrospinal fluid-contacting nucleus in the descending inhibition of spinal pain transmission. <i>Experimental Neurology</i> , 2014, 261, 475-485.	2.0	17
56	Increased Methylation of the MOR Gene Proximal Promoter in Primary Sensory Neurons Plays a Crucial Role in the Decreased Analgesic Effect of Opioids in Neuropathic Pain. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-51.	1.0	50
57	Involvement of GSK3 β / β -catenin signaling in the impairment effect of ketamine on spatial memory consolidation in rats. <i>Neurobiology of Learning and Memory</i> , 2014, 111, 26-34.	1.0	16
58	Abnormal Expression of Toll-Like Receptor 4 Is Associated with Susceptibility to Ethanol-Induced Gastric Mucosal Injury in Mice. <i>Digestive Diseases and Sciences</i> , 2013, 58, 2826-2839.	1.1	11
59	Exogenous Administration of PACAP Alleviates Traumatic Brain Injury in Rats through a Mechanism Involving the TLR4/MyD88/NF- κ B Pathway. <i>Journal of Neurotrauma</i> , 2012, 29, 1941-1959.	1.7	86
60	PI3K Contributed to Modulation of Spinal Nociceptive Information Related to ephrinBs/EphBs. <i>PLoS ONE</i> , 2012, 7, e40930.	1.1	42
61	Substance P in the cerebrospinal fluid-contacting nucleus contributes to morphine physical dependence in rats. <i>Neuroscience Letters</i> , 2011, 488, 188-192.	1.0	14
62	Activation of the spinal extracellular signal-regulated kinase 5 signaling pathway contributes to morphine physical dependence in rats. <i>Neuroscience Letters</i> , 2011, 494, 38-43.	1.0	6
63	Acid Solution Is a Suitable Medium for Introducing QX-314 into Nociceptors through TRPV1 Channels to Produce Sensory-Specific Analgesic Effects. <i>PLoS ONE</i> , 2011, 6, e29395.	1.1	24
64	The effects of sevoflurane anesthesia on rat hippocampus: A genomic expression analysis. <i>Brain Research</i> , 2011, 1381, 124-133.	1.1	25
65	Specific Role of VTA Dopamine Neuronal Firing Rates and Morphology in the Reversal of Anxiety-Related, but not Depression-Related Behavior in the Clock ^{fl} 19 Mouse Model of Mania. <i>Neuropsychopharmacology</i> , 2011, 36, 1478-1488.	2.8	106
66	Phosphatidylinositol 3-kinase mediates pain behaviors induced by activation of peripheral ephrinBs/EphBs signaling in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 315-324.	1.3	35
67	Mesolimbic Dopamine Neurons in the Brain Reward Circuit Mediate Susceptibility to Social Defeat and Antidepressant Action. <i>Journal of Neuroscience</i> , 2010, 30, 16453-16458.	1.7	334
68	Essential role of the cAMP-response-element binding protein pathway in opiate-induced homeostatic adaptations of locus coeruleus neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17011-17016.	3.3	51
69	Extracellular Signal-Regulated Kinase-2 within the Ventral Tegmental Area Regulates Responses to Stress. <i>Journal of Neuroscience</i> , 2010, 30, 7652-7663.	1.7	87
70	Knockdown of Clock in the Ventral Tegmental Area Through RNA Interference Results in a Mixed State of Mania and Depression-Like Behavior. <i>Biological Psychiatry</i> , 2010, 68, 503-511.	0.7	206
71	EphrinBs/EphBs Signaling Is Involved in Modulation of Spinal Nociceptive Processing through a Mitogen-activated Protein Kinases-dependent Mechanism. <i>Anesthesiology</i> , 2010, 112, 1234-1249.	1.3	48
72	CREB regulation of nucleus accumbens excitability mediates social isolation-induced behavioral deficits. <i>Nature Neuroscience</i> , 2009, 12, 200-209.	7.1	317

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73	Upregulation and redistribution of ephrinB and EphB receptor in dorsal root ganglion and spinal dorsal horn neurons after peripheral nerve injury and dorsal rhizotomy. <i>European Journal of Pain</i> , 2008, 12, 1031-1039.	1.4	51
74	EphrinB-EphB receptor signaling contributes to neuropathic pain by regulating neural excitability and spinal synaptic plasticity in rats. <i>Pain</i> , 2008, 139, 168-180.	2.0	87
75	Activation of peripheral ephrinBs/EphBs signaling induces hyperalgesia through a MAPKs-mediated mechanism in mice. <i>Pain</i> , 2008, 139, 617-631.	2.0	32
76	Involvement of local orphanin FQ in the development of analgesic tolerance induced by morphine microinjections into the dorsal raphe nucleus of rats. <i>Neuroscience Letters</i> , 2007, 413, 233-237.	1.0	7
77	Spinal Manipulation Reduces Pain and Hyperalgesia After Lumbar Intervertebral Foramen Inflammation in the Rat. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2006, 29, 5-13.	0.4	61
78	Inhibition of the spinal phosphoinositide 3-kinase exacerbates morphine withdrawal response. <i>Neuroscience Letters</i> , 2006, 404, 237-241.	1.0	7
79	Cross talk between nitric oxide and ERK1/2 signaling pathway in the spinal cord mediates naloxone-precipitated withdrawal in morphine-dependent rats. <i>Neuropharmacology</i> , 2006, 51, 315-326.	2.0	30
80	Isoflurane preconditioning protects against ischemia-reperfusion injury partly by attenuating cytochrome c release from subsarcolemmal mitochondria in isolated rat hearts ¹ . <i>Acta Pharmacologica Sinica</i> , 2005, 26, 813-820.	2.8	12
81	Activation of ERK/CREB pathway in spinal cord contributes to chronic constrictive injury-induced neuropathic pain in rats ¹ . <i>Acta Pharmacologica Sinica</i> , 2005, 26, 789-798.	2.8	106
82	The spinal nitric oxide involved in the inhibitory effect of midazolam on morphine-induced analgesia tolerance. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 80, 493-503.	1.3	26
83	Activation of the spinal ERK signaling pathway contributes naloxone-precipitated withdrawal in morphine-dependent rats. <i>Pain</i> , 2005, 118, 336-349.	2.0	57
84	Pretreatment with midazolam suppresses morphine withdrawal response in mice and rats. <i>Acta Pharmacologica Sinica</i> , 2002, 23, 685-90.	2.8	9
85	Gulf War Syndrome: A role for organophosphate induced plasticity of locus coeruleus neurons. <i>Nature Precedings</i> , 0, , .	0.1	4
86	Gulf War Syndrome: A role for organophosphate induced plasticity of locus coeruleus neurons. <i>Nature Precedings</i> , 0, , .	0.1	8