

Jianren Mao

List of Publications by Year in descending order

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55
papers

3,784
citations

218677

26
h-index

155660

55
g-index

59
all docs

59
docs citations

59
times ranked

4650
citing authors

#	ARTICLE	IF	CITATIONS
1	Opioid-induced abnormal pain sensitivity: implications in clinical opioid therapy. <i>Pain</i> , 2002, 100, 213-217.	4.2	408
2	Chronic Morphine Induces Downregulation of Spinal Glutamate Transporters: Implications in Morphine Tolerance and Abnormal Pain Sensitivity. <i>Journal of Neuroscience</i> , 2002, 22, 8312-8323.	3.6	391
3	Systemic lidocaine for neuropathic pain relief. <i>Pain</i> , 2000, 87, 7-17.	4.2	303
4	Neuronal Apoptosis Associated with Morphine Tolerance: Evidence for an Opioid-Induced Neurotoxic Mechanism. <i>Journal of Neuroscience</i> , 2002, 22, 7650-7661.	3.6	276
5	Brain indoleamine 2,3-dioxygenase contributes to the comorbidity of pain and depression. <i>Journal of Clinical Investigation</i> , 2012, 122, 2940-2954.	8.2	269
6	Skin μ -Endorphin Mediates Addiction to UV Light. <i>Cell</i> , 2014, 157, 1527-1534.	28.9	254
7	Gut microbiota is critical for the induction of chemotherapy-induced pain. <i>Nature Neuroscience</i> , 2017, 20, 1213-1216.	14.8	194
8	Opioid Tolerance in Critical Illness. <i>New England Journal of Medicine</i> , 2019, 380, 365-378.	27.0	133
9	Neuroinflammation of the spinal cord and nerve roots in chronic radicular pain patients. <i>Pain</i> , 2018, 159, 968-977.	4.2	109
10	Combination Drug Therapy for Chronic Pain: A Call for More Clinical Studies. <i>Journal of Pain</i> , 2011, 12, 157-166.	1.4	108
11	Current challenges in translational pain research. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 568-573.	8.7	103
12	Machine learning for prediction of sustained opioid prescription after anterior cervical discectomy and fusion. <i>Spine Journal</i> , 2019, 19, 976-983.	1.3	97
13	Opioid Analgesics. <i>Mayo Clinic Proceedings</i> , 2015, 90, 957-968.	3.0	96
14	Translational Pain Research: Achievements and Challenges. <i>Journal of Pain</i> , 2009, 10, 1001-1011.	1.4	87
15	Spinal Cord Neuroplasticity following Repeated Opioid Exposure and Its Relation to Pathological Pain. <i>Annals of the New York Academy of Sciences</i> , 2001, 933, 175-184.	3.8	85
16	Development of machine learning algorithms for prediction of prolonged opioid prescription after surgery for lumbar disc herniation. <i>Spine Journal</i> , 2019, 19, 1764-1771.	1.3	75
17	Opioid-induced abnormal pain sensitivity. <i>Current Pain and Headache Reports</i> , 2006, 10, 67-70.	2.9	69
18	Chronic Pain in Older Adults. <i>Anesthesiology Clinics</i> , 2015, 33, 577-590.	1.4	62

#	ARTICLE	IF	CITATIONS
19	The Modulation Effect of Longitudinal Acupuncture on Resting State Functional Connectivity in Knee Osteoarthritis Patients. <i>Molecular Pain</i> , 2015, 11, s12990-015-0071.	2.1	56
20	Gut Microbiota Influences Neuropathic Pain Through Modulating Proinflammatory and Anti-inflammatory T Cells. <i>Anesthesia and Analgesia</i> , 2021, 132, 1146-1155.	2.2	55
21	An Improved Rodent Model of Trigeminal Neuropathic Pain by Unilateral Chronic Constriction Injury of Distal Infraorbital Nerve. <i>Journal of Pain</i> , 2017, 18, 899-907.	1.4	52
22	Translational pain research: bridging the gap between basic and clinical research. <i>Pain</i> , 2002, 97, 183-187.	4.2	47
23	Cognitive impairment in a rat model of neuropathic pain: role of hippocampal microtubule stability. <i>Pain</i> , 2018, 159, 1518-1528.	4.2	39
24	Increased Pain Sensitivity in Chronic Pain Subjects on Opioid Therapy: A Cross-Sectional Study Using Quantitative Sensory Testing. <i>Pain Medicine</i> , 2015, 16, 911-922.	1.9	33
25	Clinical interpretation of opioid tolerance versus opioid-induced hyperalgesia. <i>Journal of Opioid Management</i> , 2014, 10, 383-393.	0.5	30
26	Midazolam exacerbates morphine tolerance and morphine-induced hyperactive behaviors in young rats with burn injury. <i>Brain Research</i> , 2014, 1564, 52-61.	2.2	27
27	Neuropeptide S modulates the amygdaloidal HCN activities (1 h) in rats: Implication in chronic pain. <i>Neuropharmacology</i> , 2016, 105, 420-433.	4.1	27
28	A Leptin-Mediated Central Mechanism in Analgesia-Enhanced Opioid Reward in Rats. <i>Journal of Neuroscience</i> , 2014, 34, 9779-9788.	3.6	23
29	Peripheral nerve injury induces adult brain neurogenesis and remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 299-314.	3.6	22
30	Challenges of managing chronic pain. <i>BMJ, The</i> , 2017, 356, j741.	6.0	21
31	Perioperative Continuation of Buprenorphine at Low-Moderate Doses Was Associated with Lower Postoperative Pain Scores and Decreased Outpatient Opioid Dispensing Compared with Buprenorphine Discontinuation. <i>Pain Medicine</i> , 2020, 21, 1955-1960.	1.9	20
32	Alendronate Attenuates Spinal Microglial Activation and Neuropathic Pain. <i>Journal of Pain</i> , 2016, 17, 889-903.	1.4	17
33	A Correlative Relationship Between Chronic Pain and Insulin Resistance in Zucker Fatty Rats: Role of Downregulation of Insulin Receptors. <i>Journal of Pain</i> , 2016, 17, 404-413.	1.4	16
34	Effects of Spinal Cord Stimulation on Pain Thresholds and Sensory Perceptions in Chronic Pain Patients. <i>Neuromodulation</i> , 2015, 18, 355-360.	0.8	15
35	Late-Onset Thermal Hypersensitivity after Focal Ischemic Thalamic Infarcts as a Model for Central Post-Stroke Pain in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1100-1103.	4.3	15
36	Increased HCN Channel Activity in the Gasserian Ganglion Contributes to Trigeminal Neuropathic Pain. <i>Journal of Pain</i> , 2018, 19, 626-634.	1.4	15

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37	Challenges in the Diagnosis and Management of Pain in Individuals with Autism Spectrum Disorder. Review Journal of Autism and Developmental Disorders, 2020, 7, 352-363.	3.4	14
38	Opioid Tolerance and Neuroplasticity. Novartis Foundation Symposium, 2008, , 181-190.	1.1	12
39	Immature spinal cord neurons are dynamic regulators of adult nociceptive sensitivity. Journal of Cellular and Molecular Medicine, 2015, 19, 2352-2364.	3.6	12
40	Clinical Diagnosis of Opioid-Induced Hyperalgesia. Regional Anesthesia and Pain Medicine, 2015, 40, 663-664.	2.3	11
41	Chronic Opioid Therapy Modifies QST Changes After Ketamine Infusion in Chronic Pain Patients. Journal of Pain, 2017, 18, 1468-1475.	1.4	10
42	A randomized trial to assess the immediate impact of acupuncture on quantitative sensory testing, pain, and functional status. Pain, 2019, 160, 2456-2463.	4.2	10
43	Ultrasmall Superparamagnetic Iron Oxide Imaging Identifies Tissue and Nerve Inflammation in Pain Conditions. Pain Medicine, 2018, 19, 686-692.	1.9	9
44	Nonopioid GTS-21 Mitigates Burn Injury Pain in Rats by Decreasing Spinal Cord Inflammatory Responses. Anesthesia and Analgesia, 2021, 132, 240-252.	2.2	9
45	Thermal QST Phenotypes Associated with Response to Lumbar Epidural Steroid Injections: A Pilot Study. Pain Medicine, 2017, 18, 1455-1463.	1.9	8
46	Pharmacokinetics cannot explain the increased effective dose requirement for morphine and midazolam in rats during their extended administration alone or in combination. Journal of Pharmacy and Pharmacology, 2016, 69, 82-88.	2.4	7
47	Proliferator-Activated Receptor-Gamma Coactivator-1 β Haploinsufficiency Promotes Pain Chronification After Burn Injury. Anesthesia and Analgesia, 2020, 130, 240-247.	2.2	7
48	Reduced MC4R signaling alters nociceptive thresholds associated with red hair. Science Advances, 2021, 7, .	10.3	7
49	Alleviation of trigeminal neuropathic pain by electroacupuncture: the role of hyperpolarization-activated cyclic nucleotide-gated channel protein expression in the Gasserian ganglion. Acupuncture in Medicine, 2019, 37, 192-198.	1.0	5
50	Opioid tolerance and neuroplasticity. Novartis Foundation Symposium, 2004, 261, 181-6; discussion 187-93.	1.1	4
51	Hepatitis C virus infection and pain sensitivity in patients on methadone or buprenorphine maintenance therapy for opioid use disorders. Drug and Alcohol Dependence, 2015, 153, 286-292.	3.2	3
52	Methylphenidate and Morphine Combination Therapy in a Rat Model of Chronic Pain. Anesthesia and Analgesia, 2020, 130, 518-524.	2.2	3
53	Comparison between acupuncture therapy and gabapentin for chronic pain: a pilot study. Acupuncture in Medicine, 2021, 39, 619-628.	1.0	2
54	Profiles of Urine Drug Test in Clinical Pain Patients vs Pain Research Study Subjects. Pain Medicine, 2016, 17, pme12900.	1.9	1

#	ARTICLE	IF	CITATIONS
55	Treating Chronic Pain. <i>Anesthesia and Analgesia</i> , 2018, 127, 336-337.	2.2	1