

# Juan Miguel Jimenez-Andrade

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

3,850  
citations

159585

30  
h-index

128289

60  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4177  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Method of Bone-Metastatic Tumor Progression Assessment in Mice Using Longitudinal Radiography. <i>Methods in Molecular Biology</i> , 2022, 2413, 1-6.	0.9	1
2	Characterization of pain-related behaviors, changes in bone microarchitecture and sensory innervation induced by chronic cadmium exposure in adult mice. <i>NeuroToxicology</i> , 2022, 89, 99-109.	3.0	2
3	Antibody-induced pain-like behavior and bone erosion: links to subclinical inflammation, osteoclast activity, and acid-sensing ion channel 3-dependent sensitization. <i>Pain</i> , 2022, 163, 1542-1559.	4.2	21
4	Effect of chronic lithium on mechanical sensitivity and trabecular bone loss induced by type-1 diabetes mellitus in mice. <i>BioMetals</i> , 2022, 35, 1033-1042.	4.1	1
5	Cadmium exposure negatively affects the microarchitecture of trabecular bone and decreases the density of a subset of sympathetic nerve fibers innervating the developing rat femur. <i>BioMetals</i> , 2021, 34, 87-96.	4.1	13
6	Systemic administration of a $\beta_2$ -adrenergic receptor agonist reduces mechanical allodynia and suppresses the immune response to surgery in a rat model of persistent post-incisional hypersensitivity. <i>Molecular Pain</i> , 2021, 17, 174480692199720.	2.1	7
7	Effect of Experimental Gestational Diabetes Mellitus on Mechanical Sensitivity, Capsaicin-Induced Pain Behaviors and Hind Paw Glabrous Skin Innervation of Male and Female Mouse Offspring. <i>Journal of Pain Research</i> , 2021, Volume 14, 1573-1585.	2.0	6
8	Chronic administration of Clamidine, a pan-peptidylarginine deiminase inhibitor, does not reverse bone loss in two different murine models of osteoporosis. <i>Drug Development Research</i> , 2020, 81, 93-101.	2.9	4
9	Differential Pain-Related Behaviors and Bone Disease in Immunocompetent Mouse Models of Myeloma. <i>JBMR Plus</i> , 2020, 4, e10252.	2.7	9
10	The neuropathic phenotype of the K/BxN transgenic mouse with spontaneous arthritis: pain, nerve sprouting and joint remodeling. <i>Scientific Reports</i> , 2020, 10, 15596.	3.3	10
11	Blockade of the colony-stimulating factor-1 receptor reverses bone loss in osteoporosis mouse models. <i>Pharmacological Reports</i> , 2020, 72, 1614-1626.	3.3	5
12	Characterization of Mechanical Allodynia and Skin Innervation in a Mouse Model of Type-2 Diabetes Induced by Cafeteria-Style Diet and Low-Doses of Streptozotocin. <i>Frontiers in Pharmacology</i> , 2020, 11, 628438.	3.5	4
13	Mechanisms underlying non-malignant skeletal pain. <i>Current Opinion in Physiology</i> , 2019, 11, 103-108.	1.8	4
14	Cartilage-binding antibodies induce pain through immune complex-mediated activation of neurons. <i>Journal of Experimental Medicine</i> , 2019, 216, 1904-1924.	8.5	71
15	Caracterizaci3n del potencial de degradaci3n de compuestos xenobi3ticos por la rizobacteria <i>Azospirillum brasilense</i> . <i>Mexican Journal of Biotechnology</i> , 2019, 4, 10-22.	0.3	3
16	The effect of androgen excess on maternal metabolism, placental function and fetal growth in obese dams. <i>Scientific Reports</i> , 2017, 7, 8066.	3.3	22
17	Streptozocin-induced type-1 diabetes mellitus results in decreased density of CGRP sensory and TH sympathetic nerve fibers that are positively correlated with bone loss at the mouse femoral neck. <i>Neuroscience Letters</i> , 2017, 655, 28-34.	2.1	24
18	Repeated administration of mazindol reduces spontaneous pain-related behaviors without modifying bone density and microarchitecture in a mouse model of complete Freund's adjuvant-induced knee arthritis. <i>Journal of Pain Research</i> , 2017, Volume 10, 1777-1786.	2.0	8

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19	High-fat diet exacerbates pain-like behaviors and periarticular bone loss in mice with CFA-induced knee arthritis. <i>Obesity</i> , 2016, 24, 1106-1115.	3.0	24
20	Sclerostin Immunoreactivity Increases in Cortical Bone Osteocytes and Decreases in Articular Cartilage Chondrocytes in Aging Mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 179-189.	2.5	14
21	Identification of a novel chemokine-dependent molecular mechanism underlying rheumatoid arthritis-associated autoantibody-mediated bone loss. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 721-729.	0.9	289
22	Autoantibodies to citrullinated proteins may induce joint pain independent of inflammation. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 730-738.	0.9	205
23	Targeting cells of the myeloid lineage attenuates pain and disease progression in a prostate model of bone cancer. <i>Pain</i> , 2015, 156, 1692-1702.	4.2	22
24	Intra-articular administration of an antibody against CSF-1 receptor reduces pain-related behaviors and inflammation in CFA-induced knee arthritis. <i>Neuroscience Letters</i> , 2015, 584, 39-44.	2.1	15
25	Rapid and sensitive determination of levofloxacin in microsamples of human plasma by high-performance liquid chromatography and its application in a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2015, 29, 341-345.	1.7	19
26	Relationship Between Blood Levels and the Anti-Hyperalgesic Effect of Ketoprofen in the Rat. <i>Drug Development Research</i> , 2014, 75, 189-194.	2.9	3
27	Early, Middle, or Late Administration of Zoledronate Alleviates Spontaneous Nociceptive Behavior and Restores Functional Outcomes in a Mouse Model of CFA-Induced Arthritis. <i>Drug Development Research</i> , 2014, 75, 438-448.	2.9	7
28	Chronic oral or intraarticular administration of docosahexaenoic acid reduces nociception and knee edema and improves functional outcomes in a mouse model of Complete Freund's Adjuvant-induced knee arthritis. <i>Arthritis Research and Therapy</i> , 2014, 16, R64.	3.5	33
29	Pharmacological evidence for the participation of NO-cGMP-KATP pathway in the gastric protective effect of curcumin against indomethacin-induced gastric injury in the rat. <i>European Journal of Pharmacology</i> , 2014, 730, 102-106.	3.5	22
30	Disease modification of breast cancer-induced bone remodeling by cannabinoid 2 receptor agonists. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 92-107.	2.8	64
31	Blockade of peripheral and spinal Na <sup>+</sup> /H <sup>+</sup> exchanger increases formalin-induced long-lasting mechanical allodynia and hyperalgesia in rats. <i>Brain Research</i> , 2012, 1475, 19-30.	2.2	12
32	The effect of aging on the density of the sensory nerve fiber innervation of bone and acute skeletal pain. <i>Neurobiology of Aging</i> , 2012, 33, 921-932.	3.1	50
33	Docosahexaenoic acid, an omega-3 polyunsaturated acid protects against indomethacin-induced gastric injury. <i>European Journal of Pharmacology</i> , 2012, 697, 139-143.	3.5	21
34	Semi-mechanistic Modeling of the Interaction Between the Central and Peripheral Effects in the Antinociceptive Response to Lumiracoxib in Rats. <i>AAPS Journal</i> , 2012, 14, 904-914.	4.4	3
35	Sensory and sympathetic nerve fibers undergo sprouting and neuroma formation in the painful arthritic joint of geriatric mice. <i>Arthritis Research and Therapy</i> , 2012, 14, R101.	3.5	87
36	Neuroplasticity of sensory and sympathetic nerve fibers in a mouse model of a painful arthritic joint. <i>Arthritis and Rheumatism</i> , 2012, 64, 2223-2232.	6.7	127

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37	Pathophysiology and medical treatment of pain in fibrous dysplasia of bone. Orphanet Journal of Rare Diseases, 2012, 7, S3.	2.7	98
38	Sustained blockade of neurotrophin receptors TrkA, TrkB and TrkC reduces non-malignant skeletal pain but not the maintenance of sensory and sympathetic nerve fibers. Bone, 2011, 48, 389-398.	2.9	59
39	The majority of myelinated and unmyelinated sensory nerve fibers that innervate bone express the tropomyosin receptor kinase A. Neuroscience, 2011, 178, 196-207.	2.3	162
40	Role of the spinal Na <sup>+</sup> /H <sup>+</sup> exchanger in formalin-induced nociception. Neuroscience Letters, 2011, 501, 4-9.	2.1	12
41	Breast Cancer-Induced Bone Remodeling, Skeletal Pain, and Sprouting of Sensory Nerve Fibers. Journal of Pain, 2011, 12, 698-711.	1.4	154
42	Preventive or late administration of anti-NGF therapy attenuates tumor-induced nerve sprouting, neuroma formation, and cancer pain. Pain, 2011, 152, 2564-2574.	4.2	156
43	Abstract A246: Blockade of CSF-1R/CSF-1 signaling by PLX3397 attenuates prostate cancer cell growth in bone, prostate cancer-induced skeletal pain, and pathological bone remodeling.. , 2011, , .		0
44	Pathological Sprouting of Adult Nociceptors in Chronic Prostate Cancer-Induced Bone Pain. Journal of Neuroscience, 2010, 30, 14649-14656.	3.6	172
45	A cannabinoid 2 receptor agonist attenuates bone cancer-induced pain and bone loss. Life Sciences, 2010, 86, 646-653.	4.3	71
46	A phenotypically restricted set of primary afferent nerve fibers innervate the bone versus skin: Therapeutic opportunity for treating skeletal pain. Bone, 2010, 46, 306-313.	2.9	136
47	Blockade of nerve sprouting and neuroma formation markedly attenuates the development of late stage cancer pain. Neuroscience, 2010, 171, 588-598.	2.3	161
48	Bone cancer pain. Annals of the New York Academy of Sciences, 2010, 1198, 173-181.	3.8	200
49	Administration of a Tropomyosin Receptor Kinase Inhibitor Attenuates Sarcoma-Induced Nerve Sprouting, Neuroma Formation and Bone Cancer Pain. Molecular Pain, 2010, 6, 1744-8069-6-87.	2.1	91
50	Malignant Skeletal Pain. , 2010, , 321-332.		0
51	Capsaicin-sensitive sensory nerve fibers contribute to the generation and maintenance of skeletal fracture pain. Neuroscience, 2009, 162, 1244-1254.	2.3	58
52	Vascularization of the Dorsal Root Ganglia and Peripheral Nerve of the Mouse: Implications for Chemical-Induced Peripheral Sensory Neuropathies. Molecular Pain, 2008, 4, 1744-8069-4-10.	2.1	144
53	A Fracture Pain Model in the Rat. Anesthesiology, 2008, 108, 473-483.	2.5	49
54	Nerve growth factor sequestering therapy attenuates non-malignant skeletal pain following fracture. Pain, 2007, 133, 183-196.	4.2	99

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55	Intravenous paclitaxel administration in the rat induces a peripheral sensory neuropathy characterized by macrophage infiltration and injury to sensory neurons and their supporting cells. <i>Experimental Neurology</i> , 2007, 203, 42-54.	4.1	236
56	Organization of a unique net-like meshwork of CGRP+ sensory fibers in the mouse periosteum: Implications for the generation and maintenance of bone fracture pain. <i>Neuroscience Letters</i> , 2007, 427, 148-152.	2.1	104
57	An evolving cellular pathology occurs in dorsal root ganglia, peripheral nerve and spinal cord following intravenous administration of paclitaxel in the rat. <i>Brain Research</i> , 2007, 1168, 46-59.	2.2	148
58	Effects of a Monoclonal Antibody Raised Against Nerve Growth Factor on Skeletal Pain and Bone Healing After Fracture of the C57BL/6J Mouse Femur. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1732-1742.	2.8	101
59	Sensory neurons and their supporting cells located in the trigeminal, thoracic and lumbar ganglia differentially express markers of injury following intravenous administration of paclitaxel in the rat. <i>Neuroscience Letters</i> , 2006, 405, 62-67.	2.1	74
60	Activation of peripheral galanin receptors: Differential effects on nociception. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 273-280.	2.9	24
61	Mechanism by which peripheral galanin increases acute inflammatory pain. <i>Brain Research</i> , 2005, 1056, 113-117.	2.2	23
62	Pro-nociceptive role of peripheral galanin in inflammatory pain. <i>Pain</i> , 2004, 110, 10-21.	4.2	41
63	Synergistic effects between codeine and diclofenac after local, spinal and systemic administration. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 463-471.	2.9	43
64	Pathophysiology of malignant bone pain. , 2001, , 23-34.		0
65	Mechanisms of disease-related pain in cancer: insights from the study of bone tumors. , 0, , 32-40.		0