

# 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

159358

30  
h-index

128067

60  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4177  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.5	289
2	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.	2.0	236
3	Autoantibodies to citrullinated proteins may induce joint pain independent of inflammation. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 730-738.	0.5	205
4	Bone cancer pain. <i>Annals of the New York Academy of Sciences</i> , 2010, 1198, 173-181.	1.8	200
5	Pathological Sprouting of Adult Nociceptors in Chronic Prostate Cancer-Induced Bone Pain. <i>Journal of Neuroscience</i> , 2010, 30, 14649-14656.	1.7	172
6	The majority of myelinated and unmyelinated sensory nerve fibers that innervate bone express the tropomyosin receptor kinase A. <i>Neuroscience</i> , 2011, 178, 196-207.	1.1	162
7	Blockade of nerve sprouting and neuroma formation markedly attenuates the development of late stage cancer pain. <i>Neuroscience</i> , 2010, 171, 588-598.	1.1	161
8	Preventive or late administration of anti-NGF therapy attenuates tumor-induced nerve sprouting, neuroma formation, and cancer pain. <i>Pain</i> , 2011, 152, 2564-2574.	2.0	156
9	Breast Cancer-Induced Bone Remodeling, Skeletal Pain, and Sprouting of Sensory Nerve Fibers. <i>Journal of Pain</i> , 2011, 12, 698-711.	0.7	154
10	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.	1.1	148
11	Vascularization of the Dorsal Root Ganglia and Peripheral Nerve of the Mouse: Implications for Chemical-Induced Peripheral Sensory Neuropathies. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-10.	1.0	144
12	A phenotypically restricted set of primary afferent nerve fibers innervate the bone versus skin: Therapeutic opportunity for treating skeletal pain. <i>Bone</i> , 2010, 46, 306-313.	1.4	136
13	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
14	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.	1.0	104
15	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.	3.1	101
16	Nerve growth factor sequestering therapy attenuates non-malignant skeletal pain following fracture. <i>Pain</i> , 2007, 133, 183-196.	2.0	99
17	Pathophysiology and medical treatment of pain in fibrous dysplasia of bone. <i>Orphanet Journal of Rare Diseases</i> , 2012, 7, S3.	1.2	98
18	Administration of a Tropomyosin Receptor Kinase Inhibitor Attenuates Sarcoma-Induced Nerve Sprouting, Neuroma Formation and Bone Cancer Pain. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-87.	1.0	91

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19	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.	1.6	87
20	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.	1.0	74
21	A cannabinoid 2 receptor agonist attenuates bone cancer-induced pain and bone loss. <i>Life Sciences</i> , 2010, 86, 646-653.	2.0	71
22	Cartilage-binding antibodies induce pain through immune complex-mediated activation of neurons. <i>Journal of Experimental Medicine</i> , 2019, 216, 1904-1924.	4.2	71
23	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.	3.1	64
24	Sustained blockade of neurotrophin receptors TrkA, TrkB and TrkC reduces non-malignant skeletal pain but not the maintenance of sensory and sympathetic nerve fibers. <i>Bone</i> , 2011, 48, 389-398.	1.4	59
25	Capsaicin-sensitive sensory nerve fibers contribute to the generation and maintenance of skeletal fracture pain. <i>Neuroscience</i> , 2009, 162, 1244-1254.	1.1	58
26	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.	1.5	50
27	A Fracture Pain Model in the Rat. <i>Anesthesiology</i> , 2008, 108, 473-483.	1.3	49
28	Synergistic effects between codeine and diclofenac after local, spinal and systemic administration. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 463-471.	1.3	43
29	Pro-nociceptive role of peripheral galanin in inflammatory pain. <i>Pain</i> , 2004, 110, 10-21.	2.0	41
30	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.	1.6	33
31	Activation of peripheral galanin receptors: Differential effects on nociception. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 273-280.	1.3	24
32	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.	1.5	24
33	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.	1.0	24
34	Mechanism by which peripheral galanin increases acute inflammatory pain. <i>Brain Research</i> , 2005, 1056, 113-117.	1.1	23
35	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.	1.7	22
36	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.	2.0	22

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37	The effect of androgen excess on maternal metabolism, placental function and fetal growth in obese dams. <i>Scientific Reports</i> , 2017, 7, 8066.	1.6	22
38	Docosahexaenoic acid, an omega-3 polyunsaturated acid protects against indomethacin-induced gastric injury. <i>European Journal of Pharmacology</i> , 2012, 697, 139-143.	1.7	21
39	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.	2.0	21
40	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.	0.8	19
41	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.	1.0	15
42	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.	1.3	14
43	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.	1.8	13
44	Role of the spinal Na <sup>+</sup> /H <sup>+</sup> exchanger in formalin-induced nociception. <i>Neuroscience Letters</i> , 2011, 501, 4-9.	1.0	12
45	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.	1.1	12
46	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.	1.6	10
47	Differential Pain-Related Behaviors and Bone Disease in Immunocompetent Mouse Models of Myeloma. <i>JBMR Plus</i> , 2020, 4, e10252.	1.3	9
48	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.	0.8	8
49	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.	1.4	7
50	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.	1.0	7
51	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.	0.8	6
52	Blockade of the colony-stimulating factor-1 receptor reverses bone loss in osteoporosis mouse models. <i>Pharmacological Reports</i> , 2020, 72, 1614-1626.	1.5	5
53	Mechanisms underlying non-malignant skeletal pain. <i>Current Opinion in Physiology</i> , 2019, 11, 103-108.	0.9	4
54	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.	1.4	4

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55	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.	1.6	4
56	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.	2.2	3
57	Relationship Between Blood Levels and the Anti-Hyperalgesic Effect of Ketoprofen in the Rat. <i>Drug Development Research</i> , 2014, 75, 189-194.	1.4	3
58	Caracterización del potencial de degradación de compuestos xenobióticos por la rizobacteria <i>Azospirillum brasilense</i> . <i>Mexican Journal of Biotechnology</i> , 2019, 4, 10-22.	0.2	3
59	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.	1.4	2
60	A Method of Bone-Metastatic Tumor Progression Assessment in Mice Using Longitudinal Radiography. <i>Methods in Molecular Biology</i> , 2022, 2413, 1-6.	0.4	1
61	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.	1.8	1
62	Pathophysiology of malignant bone pain. , 2001, , 23-34.		0
63	Malignant Skeletal Pain. , 2010, , 321-332.		0
64	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
65	Mechanisms of disease-related pain in cancer: insights from the study of bone tumors. , 0, , 32-40.		0