Juan Miguel Jimenez-Andrade

List of Publications by Year
in descending order

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	Identification of a novel chemokine-dependent molecular mechanism underlying rheumatoid arthritis-associated autoantibody-mediated bone loss. Annals of the Rheumatic Diseases, 2016, 75, 721-729.	0.9	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. Experimental Neurology, 2007, 203, 42-54.	4.1	236
3	Autoantibodies to citrullinated proteins may induce joint pain independent of inflammation. Annals of the Rheumatic Diseases, 2016, 75, 730-738.	0.9	205
4	Bone cancer pain. Annals of the New York Academy of Sciences, 2010, 1198, 173-181.	3.8	200
5	Pathological Sprouting of Adult Nociceptors in Chronic Prostate Cancer-Induced Bone Pain. Journal of Neuroscience, 2010, 30, 14649-14656.	3.6	172
6	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
7	Blockade of nerve sprouting and neuroma formation markedly attenuates the development of late stage cancer pain. Neuroscience, 2010, 171, 588-598.	2.3	161
8	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
9	Breast Cancer-Induced Bone Remodeling, Skeletal Pain, and Sprouting of Sensory Nerve Fibers. Journal of Pain, 2011, 12, 698-711.	1.4	154
10	An evolving cellular pathology occurs in dorsal root ganglia, peripheral nerve and spinal cord following intravenous administration of paclitaxel in the rat. Brain Research, 2007, 1168, 46-59.	2.2	148
11	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
12	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
13	Neuroplasticity of sensory and sympathetic nerve fibers in a mouse model of a painful arthritic joint. Arthritis and Rheumatism, 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. Neuroscience Letters, 2007, 427, 148-152.	2.1	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. Journal of Bone and Mineral Research, 2007, 22, 1732-1742.	2.8	101
16	Nerve growth factor sequestering therapy attenuates non-malignant skeletal pain following fracture. Pain, 2007, 133, 183-196.	4.2	99
17	Pathophysiology and medical treatment of pain in fibrous dysplasia of bone. Orphanet Journal of Rare Diseases, 2012, 7, S3.	2.7	98
18	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

#	Article	IF	Citations
19	Sensory and sympathetic nerve fibers undergo sprouting and neuroma formation in the painful arthritic joint of geriatric mice. Arthritis Research and Therapy, 2012, 14, R101.	3.5	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. Neuroscience Letters, 2006, 405, 62-67.	2.1	74
21	A cannabinoid 2 receptor agonist attenuates bone cancer-induced pain and bone loss. Life Sciences, 2010, 86, 646-653.	4.3	71
22	Cartilage-binding antibodies induce pain through immune complexâ€"mediated activation of neurons. Journal of Experimental Medicine, 2019, 216, 1904-1924.	8.5	71
23	Disease modification of breast cancerâ€"induced bone remodeling by cannabinoid 2 receptor agonists. Journal of Bone and Mineral Research, 2013, 28, 92-107.	2.8	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. Bone, 2011, 48, 389-398.	2.9	59
25	Capsaicin-sensitive sensory nerve fibers contribute to the generation and maintenance of skeletal fracture pain. Neuroscience, 2009, 162, 1244-1254.	2.3	58
26	The effect of aging on the density of the sensory nerve fiber innervation of bone and acute skeletal pain. Neurobiology of Aging, 2012, 33, 921-932.	3.1	50
27	A Fracture Pain Model in the Rat. Anesthesiology, 2008, 108, 473-483.	2.5	49
28	Synergistic effects between codeine and diclofenac after local, spinal and systemic administration. Pharmacology Biochemistry and Behavior, 2003, 76, 463-471.	2.9	43
29	Pro-nociceptive role of peripheral galanin in inflammatory pain. Pain, 2004, 110, 10-21.	4.2	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 Freundâ€™s Adjuvantâ€"induced knee arthritis. Arthritis Research and Therapy, 2014, 16, R64.	3.5	33
31	Activation of peripheral galanin receptors: Differential effects on nociception. Pharmacology Biochemistry and Behavior, 2006, 85, 273-280.	2.9	24
32	Highâ€fat diet exacerbates painâ€like behaviors and periarticular bone loss in mice with CFAâ€induced knee arthritis. Obesity, 2016, 24, 1106-1115.	3.0	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. Neuroscience Letters, 2017, 655, 28-34.	2.1	24
34	Mechanism by which peripheral galanin increases acute inflammatory pain. Brain Research, 2005, 1056, 113-117.	2.2	23
35	Pharmacological evidence for the participation of NOâ€"cGMPâ€"KATP pathway in the gastric protective effect of curcumin against indomethacin-induced gastric injury in the rat. European Journal of Pharmacology, 2014, 730, 102-106.	3.5	22
36	Targeting cells of the myeloid lineage attenuates pain and disease progression in a prostate model of bone cancer. Pain, 2015, 156, 1692-1702.	4.2	22

#	Article	IF	Citations
37	The effect of androgen excess on maternal metabolism, placental function and fetal growth in obese dams. Scientific Reports, 2017, 7, 8066.	3.3	22
38	Docosahexaenoic acid, an omega-3 polyunsaturated acid protects against indomethacin-induced gastric injury. European Journal of Pharmacology, 2012, 697, 139-143.	3.5	21
39	Antibody-induced pain-like behavior and bone erosion: links to subclinical inflammation, osteoclast activity, and acid-sensing ion channel 3â€“dependent sensitization. Pain, 2022, 163, 1542-1559.	4.2	21
40	Rapid and sensitive determination of levofloxacin in microsamples of human plasma by highâ€performance liquid chromatography and its application in a pharmacokinetic study. Biomedical Chromatography, 2015, 29, 341-345.	1.7	19
41	Intra-articular administration of an antibody against CSF-1 receptor reduces pain-related behaviors and inflammation in CFA-induced knee arthritis. Neuroscience Letters, 2015, 584, 39-44.	2.1	15
42	Sclerostin Immunoreactivity Increases in Cortical Bone Osteocytes and Decreases in Articular Cartilage Chondrocytes in Aging Mice. Journal of Histochemistry and Cytochemistry, 2016, 64, 179-189.	2.5	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. BioMetals, 2021, 34, 87-96.	4.1	13
44	Role of the spinal Na+/H+ exchanger in formalin-induced nociception. Neuroscience Letters, 2011, 501, 4-9.	2.1	12
45	Blockade of peripheral and spinal Na+/H+ exchanger increases formalin-induced long-lasting mechanical allodynia and hyperalgesia in rats. Brain Research, 2012, 1475, 19-30.	2.2	12
46	The neuropathic phenotype of the K/BxN transgenic mouse with spontaneous arthritis: pain, nerve sprouting and joint remodeling. Scientific Reports, 2020, 10, 15596.	3.3	10
47	Differential Painâ€Related Behaviors and Bone Disease in Immunocompetent Mouse Models of Myeloma. JBMR Plus, 2020, 4, e10252.	2.7	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. Journal of Pain Research, 2017, Volume 10, 1777-1786.	2.0	8
49	Early, Middle, or Late Administration of Zoledronate Alleviates Spontaneous Nociceptive Behavior and Restores Functional Outcomes in a Mouse Model of <scp>CFA</scp>â€Induced Arthritis. Drug Development Research, 2014, 75, 438-448.	2.9	7
50	Systemic administration of a Î²2-adrenergic receptor agonist reduces mechanical allodynia and suppresses the immune response to surgery in a rat model of persistent post-incisional hypersensitivity. Molecular Pain, 2021, 17, 174480692199720.	2.1	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. Journal of Pain Research, 2021, Volume 14, 1573-1585.	2.0	6
52	Blockade of the colony-stimulating factor-1 receptor reverses bone loss in osteoporosis mouse models. Pharmacological Reports, 2020, 72, 1614-1626.	3.3	5
53	Mechanisms underlying non-malignant skeletal pain. Current Opinion in Physiology, 2019, 11, 103-108.	1.8	4
54	Chronic administration of Clâ€amidine, a panâ€peptidylarginine deiminase inhibitor, does not reverse bone loss in two different murine models of osteoporosis. Drug Development Research, 2020, 81, 93-101.	2.9	4

#	Article	IF	Citations
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. Frontiers in Pharmacology, 2020, 11, 628438.	3.5	4
56	Semi-mechanistic Modeling of the Interaction Between the Central and Peripheral Effects in the Antinociceptive Response to Lumiracoxib in Rats. AAPS Journal, 2012, 14, 904-914.	4.4	3
57	Relationship Between Blood Levels and the Antiâ€Hyperalgesic Effect of Ketoprofen in the Rat. Drug Development Research, 2014, 75, 189-194.	2.9	3
58	CaracterizaciÃ³n del potencial de degradaciÃ³n de compuestos xenobiÃ³ticos por la rizobacteria Azospirillum brasilense. Mexican Journal of Biotechnology, 2019, 4, 10-22.	0.3	3
59	Characterization of pain-related behaviors, changes in bone microarchitecture and sensory innervation induced by chronic cadmium exposure in adult mice. NeuroToxicology, 2022, 89, 99-109.	3.0	2
60	A Method of Bone-Metastatic Tumor Progression Assessment in Mice Using Longitudinal Radiography. Methods in Molecular Biology, 2022, 2413, 1-6.	0.9	1
61	Effect of chronic lithium on mechanical sensitivity and trabecular bone loss induced by type-1 diabetes mellitus in mice. BioMetals, 2022, 35, 1033-1042.	4.1	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