

# Daniel Fernandes Martins

## List of Publications by Year in descending order

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85  
papers

1,332  
citations

361413

20  
h-index

434195

31  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1915  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Intensity Extended Swimming Exercise Reduces Pain-Related Behavior in Mice: Involvement of Endogenous Opioids and the Serotonergic System. <i>Journal of Pain</i> , 2010, 11, 1384-1393.	1.4	75
2	Citral: A monoterpene with prophylactic and therapeutic anti-nociceptive effects in experimental models of acute and chronic pain. <i>European Journal of Pharmacology</i> , 2014, 736, 16-25.	3.5	61
3	Glycogen synthase kinase 3-specific inhibitor AR-A014418 decreases neuropathic pain in mice: Evidence for the mechanisms of action. <i>Neuroscience</i> , 2012, 226, 411-420.	2.3	53
4	Inosine Reduces Pain-Related Behavior in Mice: Involvement of Adenosine A <sub>1</sub> and A <sub>2A</sub> Receptor Subtypes and Protein Kinase C Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 590-598.	2.5	50
5	Ankle joint mobilization reduces axonotmesis-induced neuropathic pain and glial activation in the spinal cord and enhances nerve regeneration in rats. <i>Pain</i> , 2011, 152, 2653-2661.	4.2	49
6	The Antinociceptive Effects of AR-A014418, a Selective Inhibitor of Glycogen Synthase Kinase-3 Beta, in Mice. <i>Journal of Pain</i> , 2011, 12, 315-322.	1.4	46
7	Light-emitting diode therapy induces analgesia in a mouse model of postoperative pain through activation of peripheral opioid receptors and the l-arginine/nitric oxide pathway. <i>Lasers in Medical Science</i> , 2014, 29, 695-702.	2.1	44
8	Ankle Joint Mobilization Decreases Hypersensitivity by Activation of Peripheral Opioid Receptors in a Mouse Model of Postoperative Pain. <i>Pain Medicine</i> , 2012, 13, 1049-1058.	1.9	43
9	Oleaginous extract from the fruits <i>Pterodon pubescens</i> Benth induces antinociception in animal models of acute and chronic pain. <i>Journal of Ethnopharmacology</i> , 2012, 143, 170-178.	4.1	40
10	Peripheral and spinal activation of cannabinoid receptors by joint mobilization alleviates postoperative pain in mice. <i>Neuroscience</i> , 2013, 255, 110-121.	2.3	36
11	Ankle Joint Mobilization Affects Postoperative Pain Through Peripheral and Central Adenosine A <sub>1</sub> Receptors. <i>Physical Therapy</i> , 2013, 93, 401-412.	2.4	36
12	The Antidepressant-like Effect of Physical Activity on a Voluntary Running Wheel. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 851-859.	0.4	35
13	Light-emitting diode therapy reduces persistent inflammatory pain: Role of interleukin 10 and antioxidant enzymes. <i>Neuroscience</i> , 2016, 324, 485-495.	2.3	35
14	Effects of Neuromuscular Electrical Stimulation During Hemodialysis on Peripheral Muscle Strength and Exercise Capacity. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 822-831.e1.	0.9	31
15	MPP+-Lesioned Mice: an Experimental Model of Motor, Emotional, Memory/Learning, and Striatal Neurochemical Dysfunctions. <i>Molecular Neurobiology</i> , 2017, 54, 6356-6377.	4.0	31
16	Physiological Responses Induced by Manual Therapy in Animal Models: A Scoping Review. <i>Frontiers in Neuroscience</i> , 2020, 14, 430.	2.8	30
17	Neurobiological mechanisms of antiallodynic effect of transcranial direct current stimulation (tDCS) in a mice model of neuropathic pain. <i>Brain Research</i> , 2018, 1682, 14-23.	2.2	28
18	Peripheral neurobiologic mechanisms of antiallodynic effect of warm water immersion therapy on persistent inflammatory pain. <i>Journal of Neuroscience Research</i> , 2015, 93, 157-166.	2.9	27

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19	Inhalation of <i>Cedrus atlantica</i> essential oil alleviates pain behavior through activation of descending pain modulation pathways in a mouse model of postoperative pain. <i>Journal of Ethnopharmacology</i> , 2015, 175, 30-38.	4.1	25
20	Long-Term Regular Eccentric Exercise Decreases Neuropathic Pain-like Behavior and Improves Motor Functional Recovery in an Axonotmesis Mouse Model: the Role of Insulin-like Growth Factor-1. <i>Molecular Neurobiology</i> , 2018, 55, 6155-6168.	4.0	24
21	Fish oil-rich lipid emulsion modulates neuroinflammation and prevents long-term cognitive dysfunction after sepsis. <i>Nutrition</i> , 2020, 70, 110417.	2.4	23
22	Caffeine prevents antihyperalgesic effect of gabapentin in an animal model of CRPS: evidence for the involvement of spinal adenosine A <sub>1</sub> receptor. <i>Journal of the Peripheral Nervous System</i> , 2015, 20, 403-409.	3.1	20
23	The role of the endocannabinoid system in the antihyperalgesic effect of <i>Cedrus atlantica</i> essential oil inhalation in a mouse model of postoperative pain. <i>Journal of Ethnopharmacology</i> , 2018, 210, 477-484.	4.1	20
24	Caffeine at Moderate Doses Can Inhibit Acupuncture-Induced Analgesia in a Mouse Model of Postoperative Pain. <i>Journal of Caffeine Research</i> , 2013, 3, 143-148.	0.9	19
25	Effects of Far-Infrared Emitting Ceramic Materials on Recovery During 2-Week Preseason of Elite Futsal Players. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 235-248.	2.1	19
26	<i>Lavandula angustifolia</i> essential oil inhalation reduces mechanical hyperalgesia in a model of inflammatory and neuropathic pain: The involvement of opioid and cannabinoid receptors. <i>Journal of Neuroimmunology</i> , 2020, 340, 577145.	2.3	19
27	Effects of High-Intensity Swimming on Lung Inflammation and Oxidative Stress in a Murine Model of DEP-Induced Injury. <i>PLoS ONE</i> , 2015, 10, e0137273.	2.5	18
28	Manual Therapy Reduces Pain Behavior and Oxidative Stress in a Murine Model of Complex Regional Pain Syndrome Type I. <i>Brain Sciences</i> , 2019, 9, 197.	2.3	18
29	The role of the vagus nerve in fibromyalgia syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1136-1149.	6.1	18
30	Ameliorative potential of standardized fruit extract of <i>Pterodon pubescens</i> Benth on neuropathic pain in mice: Evidence for the mechanisms of action. <i>Journal of Ethnopharmacology</i> , 2015, 175, 273-286.	4.1	17
31	Foot Reflexotherapy Induces Analgesia in Elderly Individuals with Low Back Pain: A Randomized, Double-Blind, Controlled Pilot Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 1-9.	1.2	17
32	Hydroalcoholic crude extract of <i>Casearia sylvestris</i> Sw. reduces chronic post-ischemic pain by activation of pro-resolving pathways. <i>Journal of Ethnopharmacology</i> , 2017, 204, 179-188.	4.1	16
33	Electroacupuncture induces antihyperalgesic effect through endothelin-B receptor in the chronic phase of a mouse model of complex regional pain syndrome type I. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 1815-1827.	2.8	15
34	High-Intensity Swimming Exercise Decreases Glutamate-Induced Nociception by Activation of G-Protein-Coupled Receptors Inhibiting Phosphorylated Protein Kinase A. <i>Molecular Neurobiology</i> , 2017, 54, 5620-5631.	4.0	13
35	Annexin A1, FPR2/ALX, and inflammatory cytokine expression in peritoneal endometriosis. <i>Journal of Reproductive Immunology</i> , 2018, 129, 30-35.	1.9	13
36	High-Intensity Exercise Prevents Disturbances in Lung Inflammatory Cytokines and Antioxidant Defenses Induced by Lipopolysaccharide. <i>Inflammation</i> , 2018, 41, 2060-2067.	3.8	13

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37	Far infrared-emitting ceramics decrease Freundâ€™s adjuvant-induced inflammatory hyperalgesia in mice through cytokine modulation and activation of peripheral inhibitory neuroreceptors. <i>Journal of Integrative Medicine</i> , 2018, 16, 396-403.	3.1	13
38	Photobiomodulation therapy in knee osteoarthritis reduces oxidative stress and inflammatory cytokines in rats. <i>Journal of Biophotonics</i> , 2020, 13, e201900204.	2.3	13
39	High-intensity swimming exercise reduces inflammatory pain in mice by activation of the endocannabinoid system. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1369-1378.	2.9	13
40	Aquatic exercise and Far Infrared (FIR) modulates pain and blood cytokines in fibromyalgia patients: A double-blind, randomized, placebo-controlled pilot study. <i>Journal of Neuroimmunology</i> , 2019, 337, 577077.	2.3	12
41	Spinal Mobilization Prevents NGF-Induced Trunk Mechanical Hyperalgesia and Attenuates Expression of CGRP. <i>Frontiers in Neuroscience</i> , 2020, 14, 385.	2.8	12
42	Sickness Behavior Score Is Associated with Neuroinflammation and Late Behavioral Changes in Polymicrobial Sepsis Animal Model. <i>Inflammation</i> , 2020, 43, 1019-1034.	3.8	12
43	Recovery following Rugby Union matches: effects of cold water immersion on markers of fatigue and damage. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 546-556.	1.9	11
44	Manipulation of the Fascial System Applied During Acute Inflammation of the Connective Tissue of the Thoracolumbar Region Affects Transforming Growth Factor- $\beta$ 1 and Interleukin-4 Levels: Experimental Study in Mice. <i>Frontiers in Physiology</i> , 2020, 11, 587373.	2.8	11
45	Peripheral receptors and neuromediators involved in the antihyperalgesic effects of acupuncture: a state-of-the-art review. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 573-593.	2.8	11
46	Potential Nociceptive Role of the Thoracolumbar Fascia: A Scope Review Involving In Vivo and Ex Vivo Studies. <i>Journal of Clinical Medicine</i> , 2021, 10, 4342.	2.4	10
47	Effects of Different Parameters of Continuous Training and High-Intensity Interval Training in the Chronic Phase of a Mouse Model of Complex Regional Pain Syndrome Type I. <i>Journal of Pain</i> , 2018, 19, 1445-1460.	1.4	9
48	Effects of core strengthening on balance in university judo athletes. <i>Journal of Bodywork and Movement Therapies</i> , 2019, 23, 758-765.	1.2	9
49	Lipoic Acid and Fish Oil Combination Potentiates Neuroinflammation and Oxidative Stress Regulation and Prevents Cognitive Decline of Rats After Sepsis. <i>Molecular Neurobiology</i> , 2020, 57, 4451-4466.	4.0	9
50	A comprehensive program of cognitive stimulation with digital inclusion, physical activity and social interaction can modify BDNF levels and improve cognition in adults over 50: a randomized controlled pilot study. <i>Aging and Mental Health</i> , 2022, 26, 1979-1987.	2.8	9
51	Dietary supplementation with procyanidin-rich <i>Pinus pinaster</i> extract is associated with attenuated Ehrlich tumor development in mice. <i>Nutrition Research</i> , 2019, 62, 41-50.	2.9	8
52	Effects of Far-Infrared Emitting Ceramic Material Clothing on Recovery After Maximal Eccentric Exercise. <i>Journal of Human Kinetics</i> , 2019, 70, 135-144.	1.5	8
53	Dextran Sulphate of Sodium-induced colitis in mice: antihyperalgesic effects of ethanolic extract of <i>Citrus reticulata</i> and potential damage to the central nervous system. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 3139-3145.	0.8	7
54	Medium- and long-term functional behavior evaluations in an experimental focal ischemic stroke mouse model. <i>Cognitive Neurodynamics</i> , 2020, 14, 473-481.	4.0	7

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55	Effect of sensory stimulation applied under the great toe on postural ability in patients with fibromyalgia. <i>Somatosensory &amp; Motor Research</i> , 2020, 37, 172-179.	0.9	6
56	Electroacupuncture decreases inflammatory pain through a pro-resolving mechanism involving the peripheral annexin A1-formyl peptide receptor 2/ALX-opioid receptor pathway. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 683-695.	2.8	5
57	Decrease of IL-1 $\beta$ and TNF in the Spinal Cord Mediates Analgesia Produced by Ankle Joint Mobilization in Complete Freund Adjuvant-Induced Inflammation Mice Model. <i>Frontiers in Physiology</i> , 2021, 12, 816624.	2.8	5
58	Balneotherapy decreases mechanical hyperalgesia by reversing BDNF and NOS2 immunocentent in spinal cord of mice with neuropathic pain. <i>Journal of Neuroimmunology</i> , 2020, 348, 577360.	2.3	4
59	The Neurophysiological Impact of Experimentally-Induced Pain on Direct Muscle Spindle Afferent Response: A Scoping Review. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 649529.	3.7	4
60	Swimming Improves Memory and Antioxidant Defense in an Animal Model of Duchenne Muscular Dystrophy. <i>Molecular Neurobiology</i> , 2021, 58, 5067-5077.	4.0	4
61	Study of the potential adverse effects caused by the dermal application of <i>Dillenia indica</i> L. fruit extract standardized to betulinic acid in rodents. <i>PLoS ONE</i> , 2019, 14, e0217718.	2.5	3
62	Effect of Aerobic Physical Exercise in an Animal Model of Duchenne Muscular Dystrophy. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1552-1564.	2.3	3
63	ET-B receptors involvement in peripheral opioid analgesia induced by light-emitting diode photobiomodulation in male and female mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 214, 112104.	3.8	3
64	Contribution of the sensory innervation of the spine in low back pain: review and clinical commentary. <i>Somatosensory &amp; Motor Research</i> , 2021, 38, 27-33.	0.9	3
65	Role of the endocannabinoid system on the antihyperalgesic action of gabapentin in animal model of neuropathic pain induced by partial sciatic nerve ligation. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20191155.	0.8	3
66	Effect of simvastatin on sensorial, motor, and morphological parameters in sciatic nerve crush induced-neuropathic pain in rats. <i>Inflammopharmacology</i> , 2018, 26, 793-804.	3.9	2
67	Neuroprotective effects of melatonin against neurotoxicity induced by intranasal sodium dimethyldithiocarbamate administration in mice. <i>NeuroToxicology</i> , 2020, 80, 144-154.	3.0	2
68	Aerobic exercise ameliorates survival, clinical score, lung inflammation, DNA and protein damage in septic mice. <i>Cytokine</i> , 2021, 140, 155401.	3.2	2
69	Dopaminergic Receptors as Neuroimmune Mediators in Experimental Autoimmune Encephalomyelitis. <i>Molecular Neurobiology</i> , 2021, 58, 5971-5985.	4.0	2
70	Neurobiological Mechanisms and Perspectives on Far-Infrared Emitting Ceramic Materials for Pain Relief. <i>Journal of Yoga &amp; Physical Therapy</i> , 2014, 04, .	0.1	2
71	Anti-hyperalgesic properties of ethanolic crude extract from the peels of <i>Citrus reticulata</i> (Rutaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180793.	0.8	2
72	Preventive Supplementation of Omega-3 Reduces Pain and Pro-inflammatory Cytokines in a Mouse Model of Complex Regional Pain Syndrome Type I. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, 840249.	2.1	2

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73	Effect of Far Infrared Emitted by Bioceramics on Parameters of Physical Performance in Mice. <i>Journal of Alternative and Complementary Medicine</i> , 2014, 20, A34-A34.	2.1	1
74	Pain-related encephalic regions influenced by yoga meditation: An integrative review. <i>Complementary Therapies in Clinical Practice</i> , 2018, 31, 320-324.	1.7	1
75	A non-reflexive method based on the variability of temperature and bioimpedance in measuring inflammatory hyperalgesia and analgesia in mice. <i>Journal of Neuroscience Methods</i> , 2018, 308, 192-196.	2.5	1
76	Functional Recovery Occurs Even After Partial Remyelination of Axon-Meshed Median and Ulnar Nerves in Mice. <i>Neurochemical Research</i> , 2019, 44, 2230-2236.	3.3	1
77	Pulmonary and muscle profile in pneumosepsis: A temporal analysis of inflammatory markers. <i>Cytokine</i> , 2019, 114, 128-134.	3.2	1
78	Antihyperalgesic effect of exercise is augmented by the oral pretreatment with extract of <i>Casearia sylvestris</i> in an animal model of osteoarthritis. <i>Journal of Orthopaedics, Trauma and Rehabilitation</i> , 2020, 27, 148-156.	0.1	1
79	Stabilometric analysis as a cognitive function predictor in adults over the age of 50: A cross-sectional study conducted in a Memory Clinic. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 27, 640-646.	1.2	1
80	Post-Match Recovery in Soccer with Far-Infrared Emitting Ceramic Material or Cold-Water Immersion. <i>Journal of Sports Science and Medicine</i> , 2021, 20, 732-742.	1.6	1
81	Immunoregulatory Effect of Preventive Supplementation of Omega-3 Fatty Acid in a Complex Regional Pain Syndrome Type I Model in Mice. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, 818692.	2.1	1
82	Contribution of plasma, placental, inflammatory and pro-resolving mediators in labor induction. <i>Placenta</i> , 2022, 122, 9-17.	1.5	1
83	Effects of the use of bioceramic wraps in patients with lower limb venous ulcers: A randomized double-blind placebo-controlled trial. <i>Journal of Integrative Medicine</i> , 2020, 18, 26-34.	3.1	0
84	The role of spinal inhibitory neuroreceptors in the antihyperalgesic effect of warm water immersion therapy. <i>Brazilian Journal of Physical Therapy</i> , 2021, 25, 56-61.	2.5	0
85	Influence of Intervertebral Fixation and Segmental Thrust Level on Immediate Post-Spinal Manipulation Trunk Muscle Spindle Response in an Animal Model. <i>Brain Sciences</i> , 2021, 11, 1022.	2.3	0