

# Wolnei Caumo

## List of Publications by Year in descending order

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Version: 2024-02-01

165  
papers

5,167  
citations

87888

38  
h-index

118850

62  
g-index

170  
all docs

170  
docs citations

170  
times ranked

5568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Depression Scores Associate With Chronotype and Social Jetlag in a Rural Population. <i>Chronobiology International</i> , 2011, 28, 771-778.	2.0	424
2	Evidence-Based Guidelines and Secondary Meta-Analysis for the Use of Transcranial Direct Current Stimulation in Neurological and Psychiatric Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 256-313.	2.1	277
3	Neurobiological Effects of Transcranial Direct Current Stimulation: A Review. <i>Frontiers in Psychiatry</i> , 2012, 3, 110.	2.6	202
4	Relationship between depressive mood and chronotype in healthy subjects. <i>Psychiatry and Clinical Neurosciences</i> , 2009, 63, 283-290.	1.8	185
5	Cross-Cultural Adaptation and Validation of the Brazilian Portuguese Version of the Pain Catastrophizing Scale. <i>Pain Medicine</i> , 2012, 13, 1425-1435.	1.9	156
6	Preoperative Anxiolytic Effect of Melatonin and Clonidine on Postoperative Pain and Morphine Consumption in Patients Undergoing Abdominal Hysterectomy: A Double-Blind, Randomized, Placebo-Controlled Study. <i>Journal of Pain</i> , 2009, 10, 100-108.	1.4	126
7	Efficacy of melatonin in the treatment of endometriosis: A phase II, randomized, double-blind, placebo-controlled trial. <i>Pain</i> , 2013, 154, 874-881.	4.2	116
8	The Central Sensitization Inventory validated and adapted for a Brazilian population: psychometric properties and its relationship with brain-derived neurotrophic factor. <i>Journal of Pain Research</i> , 2017, Volume 10, 2109-2122.	2.0	112
9	The Clinical Impact of Preoperative Melatonin on Postoperative Outcomes in Patients Undergoing Abdominal Hysterectomy. <i>Anesthesia and Analgesia</i> , 2007, 105, 1263-1271.	2.2	108
10	Melatonin analgesia is associated with improvement of the descending endogenous pain-modulating system in fibromyalgia: a phase II, randomized, double-dummy, controlled trial. <i>BMC Pharmacology &amp; Toxicology</i> , 2014, 15, 40.	2.4	92
11	Clinical efficacy of dexmedetomidine alone is less than propofol for conscious sedation during ERCP. <i>Gastrointestinal Endoscopy</i> , 2008, 67, 651-659.	1.0	85
12	Motor Cortex Excitability and BDNF Levels in Chronic Musculoskeletal Pain According to Structural Pathology. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 357.	2.0	74
13	Repetitive Transcranial Magnetic Stimulation Increases the Corticospinal Inhibition and the Brain-Derived Neurotrophic Factor in Chronic Myofascial Pain Syndrome: An Explanatory Double-Blinded, Randomized, Sham-Controlled Trial. <i>Journal of Pain</i> , 2014, 15, 845-855.	1.4	73
14	Evaluation of the structure of Brazilian State-Trait Anxiety Inventory using a Rasch psychometric approach. <i>Journal of Psychosomatic Research</i> , 2010, 68, 223-233.	2.6	67
15	Reversal of chronic stress-induced pain by transcranial direct current stimulation (tDCS) in an animal model. <i>Brain Research</i> , 2012, 1489, 17-26.	2.2	66
16	Dimensionality and Reliability of the Central Sensitization Inventory in a Pooled Multicountry Sample. <i>Journal of Pain</i> , 2018, 19, 317-329.	1.4	65
17	Night eating patterns and chronotypes: A correlation with binge eating behaviors. <i>Psychiatry Research</i> , 2012, 200, 489-493.	3.3	60
18	Repetitive Transcranial Magnetic Stimulation for Fibromyalgia: Systematic Review and Meta-Analysis. <i>Pain Practice</i> , 2016, 16, 294-304.	1.9	59

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19	Higher Serum S100B and BDNF Levels are Correlated with a Lower Pressure-Pain Threshold in Fibromyalgia. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-46.	2.1	58
20	Long-Lasting Effect of Transcranial Direct Current Stimulation in the Reversal of Hyperalgesia and Cytokine Alterations Induced by the Neuropathic Pain Model. <i>Brain Stimulation</i> , 2016, 9, 209-217.	1.6	58
21	Clinical impact of melatonin on breast cancer patients undergoing chemotherapy; effects on cognition, sleep and depressive symptoms: A randomized, double-blind, placebo-controlled trial. <i>PLoS ONE</i> , 2020, 15, e0231379.	2.5	58
22	Analgesic and Sedative Effects of Melatonin in Temporomandibular Disorders: A Double-Blind, Randomized, Parallel-Group, Placebo-Controlled Study. <i>Journal of Pain and Symptom Management</i> , 2013, 46, 422-432.	1.2	57
23	Anodal transcranial direct current stimulation over the left dorsolateral prefrontal cortex modulates attention and pain in fibromyalgia: randomized clinical trial. <i>Scientific Reports</i> , 2017, 7, 135.	3.3	56
24	Methods and strategies of tDCS for the treatment of pain: current status and future directions. <i>Expert Review of Medical Devices</i> , 2020, 17, 879-898.	2.8	56
25	&lt;p&gt;Transcranial Direct Current Stimulation in Patients with Anxiety: Current Perspectives&lt;/p&gt;. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 161-169.	2.2	55
26	The Clinical Effect of Small Oral Clonidine Doses on Perioperative Outcomes in Patients Undergoing Abdominal Hysterectomy. <i>Anesthesia and Analgesia</i> , 2005, 100, 795-802.	2.2	53
27	After-effects of consecutive sessions of transcranial direct current stimulation (tDCS) in a rat model of chronic inflammation. <i>Experimental Brain Research</i> , 2012, 221, 75-83.	1.5	53
28	Clinical Value of Serum Neuroplasticity Mediators in Identifying the Central Sensitivity Syndrome in Patients With Chronic Pain With and Without Structural Pathology. <i>Clinical Journal of Pain</i> , 2015, 31, 959-967.	1.9	52
29	Large Treatment Effect With Extended Home-Based Transcranial Direct Current Stimulation Over Dorsolateral Prefrontal Cortex in Fibromyalgia: A Proof of Concept Sham-Randomized Clinical Study. <i>Journal of Pain</i> , 2020, 21, 212-224.	1.4	49
30	Morningness&#x2013;eveningness, use of stimulants, and minor psychiatric disorders among undergraduate students. <i>International Journal of Psychology</i> , 2011, 46, 18-23.	2.8	48
31	Reducing Transcranial Direct Current Stimulation-Induced Erythema With Skin Pretreatment: Considerations for Sham-Controlled Clinical Trials. <i>Neuromodulation</i> , 2015, 18, 261-265.	0.8	48
32	Paraspinal Stimulation Combined With Trigger Point Needling and Needle Rotation for the Treatment of Myofascial Pain. <i>Clinical Journal of Pain</i> , 2014, 30, 214-223.	1.9	47
33	Association of anxiety with intracortical inhibition and descending pain modulation in chronic myofascial pain syndrome. <i>BMC Neuroscience</i> , 2014, 15, 42.	1.9	45
34	A Framework for Understanding the Relationship between Descending Pain Modulation, Motor Corticospinal, and Neuroplasticity Regulation Systems in Chronic Myofascial Pain. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 308.	2.0	44
35	Exogenously induced brain activation regulates neuronal activity by top-down modulation: conceptualized model for electrical brain stimulation. <i>Experimental Brain Research</i> , 2015, 233, 1377-1389.	1.5	43
36	Cognitive effects of transcranial direct current stimulation combined with working memory training in fibromyalgia: a randomized clinical trial. <i>Scientific Reports</i> , 2018, 8, 12477.	3.3	43

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37	Descending Control of Nociceptive Processing in Knee Osteoarthritis Is Associated With Intracortical Disinhibition. <i>Medicine (United States)</i> , 2016, 95, e3353.	1.0	42
38	Transcranial direct current stimulation improves short-term memory in an animal model of attention-deficit/hyperactivity disorder. <i>European Neuropsychopharmacology</i> , 2016, 26, 368-377.	0.7	41
39	Latin American and Caribbean consensus on noninvasive central nervous system neuromodulation for chronic pain management (LAC2-NIN-CP). <i>Pain Reports</i> , 2019, 4, e692.	2.7	41
40	Validation of a Brazilian quantitative sensory testing (QST) device for the diagnosis of small fiber neuropathies. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 943-948.	0.8	40
41	Transcranial direct current stimulation (tDCS) reverts behavioral alterations and brainstem BDNF level increase induced by neuropathic pain model: Long-lasting effect. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 44-51.	4.8	39
42	Intramuscular electrical stimulus potentiates the motor cortex modulation effects on pain and descending inhibitory systems in knee osteoarthritis: a randomized, factorial, sham-controlled study. <i>Journal of Pain Research</i> , 2019, Volume 12, 209-221.	2.0	38
43	&lt;p&gt;Melatonin is a biomarker of circadian dysregulation and is correlated with major depression and fibromyalgia symptom severity&lt;/p&gt;. <i>Journal of Pain Research</i> , 2019, Volume 12, 545-556.	2.0	37
44	Noninvasive motor cortex stimulation effects on quantitative sensory testing in healthy and chronic pain subjects: a systematic review and meta-analysis. <i>Pain</i> , 2020, 161, 1955-1975.	4.2	36
45	Perioperative anxiety: psychobiology and effects in postoperative recovery. <i>The Pain Clinic</i> , 2003, 15, 87-101.	0.1	35
46	Transcranial direct current stimulation improves long-term memory deficits in an animal model of attention-deficit/hyperactivity disorder and modulates oxidative and inflammatory parameters. <i>Brain Stimulation</i> , 2018, 11, 743-751.	1.6	34
47	BDNF as an effect modifier for gender effects on pain thresholds in healthy subjects. <i>Neuroscience Letters</i> , 2012, 514, 62-66.	2.1	33
48	Transcranial Direct Current Stimulation to Improve the Dysfunction of Descending Pain Modulatory System Related to Opioids in Chronic Non-cancer Pain: An Integrative Review of Neurobiology and Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2019, 13, 1218.	2.8	33
49	Electroacupuncture analgesia is associated with increased serum brain-derived neurotrophic factor in chronic tension-type headache: a randomized, sham controlled, crossover trial. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 144.	3.7	30
50	Effects of Subanesthetic Ketamine Administration on Visual and Auditory Event-Related Potentials (ERP) in Humans: A Systematic Review. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 70.	2.0	29
51	Obesity and chronic stress are able to desynchronize the temporal pattern of serum levels of leptin and triglycerides. <i>Peptides</i> , 2014, 51, 46-53.	2.4	28
52	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
53	Functional Spectroscopy Mapping of Pain Processing Cortical Areas During Non-painful Peripheral Electrical Stimulation of the Accessory Spinal Nerve. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 200.	2.0	28
54	Brazilian Portuguese Validation of the Leeds Assessment of Neuropathic Symptoms and Signs for Patients with Chronic Pain. <i>Pain Medicine</i> , 2011, 12, 1544-1550.	1.9	27

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55	Neuroplastic Effects of Transcranial Direct Current Stimulation on Painful Symptoms Reduction in Chronic Hepatitis C: A Phase II Randomized, Double Blind, Sham Controlled Trial. <i>Frontiers in Neuroscience</i> , 2015, 9, 498.	2.8	27
56	Differential Neuroplastic Changes in Fibromyalgia and Depression Indexed by Up-Regulation of Motor Cortex Inhibition and Disinhibition of the Descending Pain System: An Exploratory Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 138.	2.0	27
57	Preoperative transcranial direct current stimulation: Exploration of a novel strategy to enhance neuroplasticity before surgery to control postoperative pain. A randomized sham-controlled study. <i>PLoS ONE</i> , 2017, 12, e0187013.	2.5	27
58	Derivation and validation of a preoperative risk model for postoperative mortality (SAMPE model): An approach to care stratification. <i>PLoS ONE</i> , 2017, 12, e0187122.	2.5	27
59	Melatonin administration reduces inflammatory pain in rats. <i>Journal of Pain Research</i> , 2012, 5, 359.	2.0	26
60	The Relationship Between Cortical Excitability and Pain Catastrophizing in Myofascial Pain. <i>Journal of Pain</i> , 2013, 14, 1140-1147.	1.4	26
61	Maternal caffeine exposure alters neuromotor development and hippocampus acetylcholinesterase activity in rat offspring. <i>Brain Research</i> , 2015, 1595, 10-18.	2.2	26
62	Increased Oxidative Parameters and Decreased Cytokine Levels in an Animal Model of Attention-Deficit/Hyperactivity Disorder. <i>Neurochemical Research</i> , 2017, 42, 3084-3092.	3.3	26
63	Home-Based Transcranial Direct Current Stimulation Device Development: An Updated Protocol Used at Home in Healthy Subjects and Fibromyalgia Patients. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	26
64	Perioperative mortality related to anesthesia within 48h and up to 30days following surgery: A retrospective cohort study of 11,562 anesthetic procedures. <i>Journal of Clinical Anesthesia</i> , 2018, 49, 79-86.	1.6	26
65	Transcranial direct current stimulation combined with exercise modulates the inflammatory profile and hyperalgesic response in rats subjected to a neuropathic pain model: Long-term effects. <i>Brain Stimulation</i> , 2020, 13, 774-782.	1.6	26
66	A Phase II, Randomized, Double-Blind, Placebo Controlled, Dose-Response Trial of the Melatonin Effect on the Pain Threshold of Healthy Subjects. <i>PLoS ONE</i> , 2013, 8, e74107.	2.5	25
67	Management of Neuropathic Chronic Pain with Methadone Combined with Ketamine: A Randomized, Double Blind, Active-Controlled Clinical Trial. <i>Pain Physician</i> , 2017, 20, 207-215.	0.4	25
68	BDNF and serum S100B levels according the spectrum of structural pathology in chronic pain patients. <i>Neuroscience Letters</i> , 2019, 706, 105-109.	2.1	24
69	Impact of Bifrontal Home-Based Transcranial Direct Current Stimulation in Pain Catastrophizing and Disability due to Pain in Fibromyalgia: A Randomized, Double-Blind Sham-Controlled Study. <i>Journal of Pain</i> , 2022, 23, 641-656.	1.4	23
70	Morphine exposure in early life increases nociceptive behavior in a rat formalin tonic pain model in adult life. <i>Brain Research</i> , 2011, 1367, 122-129.	2.2	22
71	Hypercaloric diet modulates effects of chronic stress: a behavioral and biometric study on rats. <i>Stress</i> , 2015, 18, 514-523.	1.8	22
72	Corticospinal excitability as a biomarker of myofascial pain syndrome. <i>Pain Reports</i> , 2017, 2, e594.	2.7	22

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73	The Effects of Melatonin on the Descending Pain Inhibitory System and Neural Plasticity Markers in Breast Cancer Patients Receiving Chemotherapy: Randomized, Double-Blinded, Placebo-Controlled Trial. <i>Frontiers in Pharmacology</i> , 2019, 10, 1382.	3.5	22
74	Cross-Cultural Adaptation and Validation of the Profile of Chronic Pain: Screen for a Brazilian Population. <i>Pain Medicine</i> , 2013, 14, 52-61.	1.9	21
75	Promising treatments for neuropathic pain. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 881-888.	0.8	21
76	Electrical Intramuscular Stimulation in Osteoarthritis Enhances the Inhibitory Systems in Pain Processing at Cortical and Cortical Spinal System. <i>Pain Medicine</i> , 2015, 17, n/a-n/a.	1.9	21
77	Impact of preoperative anxiolytic on surgical site infection in patients undergoing abdominal hysterectomy. <i>American Journal of Infection Control</i> , 2008, 36, 718-726.	2.3	20
78	Decreased neural inhibitory state in fibromyalgia pain: A cross-sectional study. <i>Neurophysiologie Clinique</i> , 2020, 50, 279-288.	2.2	20
79	Combined neuromodulatory interventions in acute experimental pain: assessment of melatonin and non-invasive brain stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 77.	2.0	19
80	Optimised transcranial direct current stimulation (tDCS) for fibromyalgia—targeting the endogenous pain control system: a randomised, double-blind, factorial clinical trial protocol. <i>BMJ Open</i> , 2019, 9, e032710.	1.9	19
81	The Concept of the Immune-Pineal Axis Tested in Patients Undergoing an Abdominal Hysterectomy. <i>NeuroImmunoModulation</i> , 2013, 20, 205-212.	1.8	18
82	Establishing Central Sensitization—Related Symptom Severity Subgroups: A Multicountry Study Using the Central Sensitization Inventory. <i>Pain Medicine</i> , 2020, 21, 2430-2440.	1.9	18
83	Melatonin Alters the Mechanical and Thermal Hyperalgesia Induced by Orofacial Pain Model in Rats. <i>Inflammation</i> , 2016, 39, 1649-1659.	3.8	17
84	Brain-Derived Neurotrophic Factor Modulates the Effect of Sex on the Descending Pain Modulatory System in Healthy Volunteers. <i>Pain Medicine</i> , 2020, 21, 2271-2279.	1.9	17
85	Lifetime behavioural changes after exposure to anaesthetics in infant rats. <i>Behavioural Brain Research</i> , 2011, 218, 51-56.	2.2	16
86	Effect of Deep Intramuscular Stimulation and Transcranial Magnetic Stimulation on Neurophysiological Biomarkers in Chronic Myofascial Pain Syndrome. <i>Pain Medicine</i> , 2015, 17, n/a-n/a.	1.9	16
87	Transcranial direct current stimulation (tDCS) modulates biometric and inflammatory parameters and anxiety-like behavior in obese rats. <i>Neuropeptides</i> , 2019, 73, 1-10.	2.2	16
88	Mapping of predictors of the disengagement of the descending inhibitory pain modulation system in fibromyalgia: an exploratory study. <i>British Journal of Pain</i> , 2021, 15, 221-233.	1.5	16
89	rTMS induces analgesia and modulates neuroinflammation and neuroplasticity in neuropathic pain model rats. <i>Brain Research</i> , 2021, 1762, 147427.	2.2	16
90	Melatonin Treatment Entrain the Rest-Activity Circadian Rhythm in Rats With Chronic Inflammation. <i>Chronobiology International</i> , 2013, 30, 1077-1088.	2.0	15

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91	Effects of Transcranial Direct Current Stimulation Block Remifentanyl-Induced Hyperalgesia: A Randomized, Double-Blind Clinical Trial. <i>Frontiers in Pharmacology</i> , 2018, 9, 94.	3.5	15
92	Transcranial direct current stimulation (tDCS) neuromodulatory effects on mechanical hyperalgesia and cortical BDNF levels in ovariectomized rats. <i>Life Sciences</i> , 2016, 145, 233-239.	4.3	14
93	Hypoestrogenism alters mood: Ketamine reverses depressive-like behavior induced by ovariectomy in rats. <i>Pharmacological Reports</i> , 2016, 68, 109-115.	3.3	14
94	Nicotinamide riboside reduces cardiometabolic risk factors and modulates cardiac oxidative stress in obese Wistar rats under caloric restriction. <i>Life Sciences</i> , 2020, 263, 118596.	4.3	14
95	Pain catastrophizing is associated with the Val66Met polymorphism of the brain-derived neurotrophic factor in fibromyalgia. <i>Advances in Rheumatology</i> , 2020, 60, 39.	1.7	14
96	Spinal Cord Brain-Derived Neurotrophic Factor Levels Increase after Dexamethasone Treatment in Male Rats with Chronic Inflammation. <i>NeuroImmunoModulation</i> , 2013, 20, 119-125.	1.8	13
97	Insights About the Neuroplasticity State on the Effect of Intramuscular Electrical Stimulation in Pain and Disability Associated With Chronic Myofascial Pain Syndrome (MPS): A Double-Blind, Randomized, Sham-Controlled Trial. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 388.	2.0	13
98	Validation of Two Pain Assessment Tools Using a Standardized Nociceptive Stimulation in Critically Ill Adults. <i>Journal of Pain and Symptom Management</i> , 2018, 56, 594-601.	1.2	13
99	Impact of Age on tDCS Effects on Pain Threshold and Working Memory: Results of a Proof of Concept Cross-Over Randomized Controlled Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 189.	3.4	13
100	Transcranial direct current stimulation reduces nociceptive behaviour in an orofacial pain model. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 40-50.	3.0	12
101	Few and feasible preoperative variables can identify high-risk surgical patients: derivation and validation of the Ex-Care risk model. <i>British Journal of Anaesthesia</i> , 2021, 126, 525-532.	3.4	12
102	Central Post-Stroke Pain: An Integrative Review of Somatotopic Damage, Clinical Symptoms, and Neurophysiological Measures. <i>Frontiers in Neurology</i> , 2021, 12, 678198.	2.4	12
103	Fentanyl administration in infant rats produces long-term behavioral responses. <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 25-30.	1.6	11
104	Short- but Not Long-Term Melatonin Administration Reduces Central Levels of Brain-Derived Neurotrophic Factor in Rats with Inflammatory Pain. <i>NeuroImmunoModulation</i> , 2015, 22, 358-364.	1.8	11
105	Maternal deprivation alters nociceptive response in a gender-dependent manner in rats. <i>International Journal of Developmental Neuroscience</i> , 2019, 76, 25-33.	1.6	11
106	Transcranial direct current stimulation (tDCS) and trigeminal pain: A preclinical study. <i>Oral Diseases</i> , 2019, 25, 888-897.	3.0	11
107	tDCS and exercise improve anxiety-like behavior and locomotion in chronic pain rats via modulation of neurotrophins and inflammatory mediators. <i>Behavioural Brain Research</i> , 2021, 404, 113173.	2.2	11
108	Editorial: The Role of Primary Motor Cortex as a Marker and Modulator of Pain Control and Emotional-Affective Processing. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 270.	2.0	10



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109	Isoflurane and the Analgesic Effect of Acupuncture and Electroacupuncture in an Animal Model of Neuropathic Pain. JAMS Journal of Acupuncture and Meridian Studies, 2018, 11, 97-106.	0.7	10
110	PER3 variable number tandem repeat (VNTR) polymorphism modulates the circadian variation of the descending pain modulatory system in healthy subjects. Scientific Reports, 2019, 9, 9363.	3.3	10
111	BIOLOGICAL RHYTHMS OF SPINAL-EPIDURAL LABOR ANALGESIA. Chronobiology International, 2010, 27, 865-878.	2.0	9
112	Melatonin as a potential counter-effect of hyperalgesia induced by neonatal morphine exposure. Neuroscience Letters, 2016, 633, 77-81.	2.1	9
113	Novel Insights of Effects of Pregabalin on Neural Mechanisms of Intracortical Disinhibition in Physiopathology of Fibromyalgia: An Explanatory, Randomized, Double-Blind Crossover Study. Frontiers in Human Neuroscience, 2018, 12, 406.	2.0	9
114	The Brief Measure of Emotional Preoperative Stress (B-MEPS) as a new predictive tool for postoperative pain: A prospective observational cohort study. PLoS ONE, 2020, 15, e0227441.	2.5	9
115	The mapping of cortical activation by near-infrared spectroscopy might be a biomarker related to the severity of fibromyalgia symptoms. Scientific Reports, 2021, 11, 15754.	3.3	9
116	6â€Sulfatoxymelatonin as a predictor of clinical outcome in depressive patients. Human Psychopharmacology, 2011, 26, 252-257.	1.5	8
117	Higher Cortical Facilitation and Serum BDNF Are Associated with Increased Sensitivity to Heat Pain and Reduced Endogenous Pain Inhibition in Healthy Males. Pain Medicine, 2018, 19, 1578-1586.	1.9	8
118	PER3 gene regulation of sleep-wake behavior as a function of latitude. Sleep Health, 2018, 4, 572-578.	2.5	8
119	Comparison of Hypnotic Suggestion and Transcranial Direct-Current Stimulation Effects on Pain Perception and the Descending Pain Modulating System: A Crossover Randomized Clinical Trial. Frontiers in Neuroscience, 2019, 13, 662.	2.8	8
120	Morphine treatment in early life alters glutamate uptake in the spinal synaptosomes of adult rats. Neuroscience Letters, 2012, 529, 51-54.	2.1	7
121	Neonatal hypoxicâ€ischemic encephalopathy reduces câ€Fos activation in the rat hippocampus: evidence of a longâ€lasting effect. International Journal of Developmental Neuroscience, 2014, 38, 213-222.	1.6	7
122	Morphine exposure during early life alters thermal and mechanical thresholds in rats. International Journal of Developmental Neuroscience, 2017, 60, 78-85.	1.6	7
123	Morphine exposure and maternal deprivation during the early postnatal period alter neuromotor development and nerve growth factor levels. International Journal of Developmental Neuroscience, 2017, 63, 8-15.	1.6	7
124	Transcranial Direct Current Stimulation (tDCS) Induces Analgesia in Rats with Neuropathic Pain and Alcohol Abstinence. Neurochemical Research, 2020, 45, 2653-2663.	3.3	7
125	Spectral Power Density analysis of the resting-state as a marker of the central effects of opioid use in fibromyalgia. Scientific Reports, 2021, 11, 22716.	3.3	7
126	Home-Based Transcranial Direct Current Stimulation for the Treatment of Symptoms of Depression and Anxiety in Temporal Lobe Epilepsy: A Randomized, Double-Blind, Sham-Controlled Clinical Trial. Frontiers in Integrative Neuroscience, 2021, 15, 753995.	2.1	7



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127	24-HOUR TEMPORAL PATTERN OF NTPDase AND 5â€²-NUCLEOTIDASE ENZYMES IN RAT BLOOD SERUM. Chronobiology International, 2010, 27, 1751-1761.	2.0	6
128	Parkinsonâ€™s Disease Impulsive-Compulsive Disorders Questionnaire â€“ Current Short (QUIP-CS) â€“ Translation and validation of content of Portuguese Version. Jornal Brasileiro De Psiquiatria, 2017, 66, 111-115.	0.7	6
129	Comparison of pain burden and psychological factors in Brazilian women living with HIV and chronic neuropathic or nociceptive pain: An exploratory study. PLoS ONE, 2018, 13, e0196718.	2.5	6
130	Maternal Deprivation and Sex Alter Central Levels of Neurotrophins and Inflammatory Cytokines in Rats Exposed to Palatable Food in Adolescence. Neuroscience, 2020, 428, 122-131.	2.3	6
131	Hyper-connectivity between the left motor cortex and prefrontal cortex is associated with the severity of dysfunction of the descending pain modulatory system in fibromyalgia. PLoS ONE, 2022, 17, e0247629.	2.5	6
132	Transcranial direct current stimulation effects on menopausal vasomotor symptoms. Menopause, 2017, 24, 1122-1128.	2.0	5
133	&lt;p&gt;The Hypnotic Analgesia Suggestion Mitigated the Effect of the Transcranial Direct Current Stimulation on the Descending Pain Modulatory System: A Proof of Concept Study&lt;/p&gt;. Journal of Pain Research, 2020, Volume 13, 2297-2311.	2.0	5
134	Bimodal transcranial direct current stimulation reduces alcohol consumption and induces long-term neurochemical changes in rats with neuropathic pain. Neuroscience Letters, 2021, 759, 136014.	2.1	5
135	Recruitment characteristics and non-adherence associated factors of fibromyalgia patients in a randomized clinical trial: A retrospective survival analysis. Contemporary Clinical Trials Communications, 2021, 24, 100860.	1.1	5
136	Morphine treatment alters nucleotidase activities in rat blood serum. Journal of Experimental Pharmacology, 2012, 4, 187.	3.2	4
137	Effects of restraint stress on the daily rhythm of hydrolysis of adenine nucleotides in rat serum. Journal of Circadian Rhythms, 2014, 9, 7.	1.3	4
138	Multidimensional Approach to Classifying Chronic Pain Conditionsâ€™Less Is More. Journal of Pain, 2014, 15, 1199-1200.	1.4	4
139	The McGill Quality of Life Questionnaire-Revised (MQOL-R). Psychometric properties and validation of a Brazilian version on palliative care patients: a cross-sectional study. Health and Quality of Life Outcomes, 2020, 18, 368.	2.4	4
140	&lt;p&gt;The Fear of Pain Questionnaire: psychometric properties of a Brazilian version for adolescents and its relationship with brain-derived neurotrophic factor (BDNF)&lt;/p&gt;. Journal of Pain Research, 2019, Volume 12, 2487-2502.	2.0	3
141	Longer Cortical Silent Period Length Is Associated to Binge Eating Disorder: An Exploratory Study. Frontiers in Psychiatry, 2020, 11, 559966.	2.6	3
142	Development of a recovery-room discharge checklist (SAMPE checklist) for safe handover and its comparison with Aldrete and White scoring systems. Brazilian Journal of Anesthesiology (Elsevier), 2022, 72, 200-206.	0.4	3
143	Neonatal morphine exposure and maternal deprivation alter nociceptive response and central biomarkersâ€™ levels throughout the life of rats. Neuroscience Letters, 2020, 738, 135350.	2.1	2
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