

Serge Marchand

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

6,008
citations

50276

46
h-index

74163

75
g-index

113
all docs

113
docs citations

113
times ranked

5009
citing authors

#	ARTICLE	IF	CITATIONS
1	Estrogenic impregnation alters pain expression: analysis through functional neuropeptidomics in a surgical rat model of osteoarthritis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 703-715.	3.0	4
2	Virtual Reality and the Mediation of Acute and Chronic Pain in Adult and Pediatric Populations: Research Developments. <i>Frontiers in Pain Research</i> , 2022, 3, .	2.0	10
3	The effect of conditioning stimulus intensity on conditioned pain modulation (CPM) hypoalgesia. <i>Canadian Journal of Pain</i> , 2021, 5, 22-29.	1.7	9
4	Transcutaneous electrical nerve stimulation (TENS): towards the development of a clinic-friendly method for the evaluation of excitatory and inhibitory pain mechanisms. <i>Canadian Journal of Pain</i> , 2021, 5, 56-65.	1.7	3
5	Development and Validation of a Predictive Model of Pain Modulation Profile to Guide Chronic Pain Treatment: A Study Protocol. <i>Frontiers in Pain Research</i> , 2021, 2, 606422.	2.0	0
6	Glial and neuroimmune cell choreography in sexually dimorphic pain signaling. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 168-192.	6.1	29
7	Comparison of Thermal and Electrical Modalities in the Assessment of Temporal Summation of Pain and Conditioned Pain Modulation. <i>Frontiers in Pain Research</i> , 2021, 2, 659563.	2.0	1
8	Transcranial direct current stimulation for provoked vestibulodynia: What roles do psychosexual factors play in treatment response?. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 54-60.	1.5	3
9	<p>Medial Orbitofrontal De-Activation During Tonic Cold Pain Stimulation: A fMRI Study Examining the Opponent-Process Theory</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 1335-1347.	2.0	5
10	Mechanisms Challenges of the Pain Phenomenon. <i>Frontiers in Pain Research</i> , 2020, 1, 574370.	2.0	11
11	Blood monoamines as potential biomarkers for conditioned pain modulation efficacy: An exploratory study in paediatrics. <i>European Journal of Pain</i> , 2019, 23, 327-340.	2.8	9
12	Impact of a specific training programme on the neuromodulation of pain in female patient with fibromyalgia (DouFiSport): a 24-month, controlled, randomised, double-blind protocol. <i>BMJ Open</i> , 2019, 9, e023742.	1.9	7
13	Multicenter assessment of quantitative sensory testing (QST) for the detection of neuropathic-like pain responses using the topical capsaicin model. <i>Canadian Journal of Pain</i> , 2018, 2, 266-279.	1.7	10
14	Pleasant Pain Relief and Inhibitory Conditioned Pain Modulation: A Psychophysical Study. <i>Pain Research and Management</i> , 2018, 2018, 1-8.	1.8	7
15	Pain Modulation: From Conditioned Pain Modulation to Placebo and Nocebo Effects in Experimental and Clinical Pain. <i>International Review of Neurobiology</i> , 2018, 139, 255-296.	2.0	84
16	Pathophysiology of chronic pain in cerebral palsy: implications for pharmacological treatment and research. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 861-865.	2.1	39
17	Physiopathology of Pain. , 2017, , 75-95.		1
18	Preoperative Norepinephrine Levels in Cerebrospinal Fluid and Plasma Correlate With Pain Intensity After Pediatric Spine Surgery. <i>Spine Deformity</i> , 2017, 5, 325-333.	1.5	11

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19	Markedly Reduced Thermal Pain Perception in a Schizoaffective Patient with Tardive Dyskinesia. Case Reports in Psychiatry, 2016, 2016, 1-3.	0.5	1
20	Pain facilitation and pain inhibition during conditioned pain modulation in fibromyalgia and in healthy controls. Pain, 2016, 157, 1704-1710.	4.2	123
21	Triggering Descending Pain Inhibition by Observing Ourselves or a Loved-One in Pain. Clinical Journal of Pain, 2016, 32, 238-245.	1.9	11
22	Insights into the mechanisms and the emergence of sex-differences in pain. Neuroscience, 2016, 338, 63-80.	2.3	105
23	Increased spinal pain sensitization in major depressive disorder: A pilot study. Psychiatry Research, 2016, 246, 756-761.	3.3	6
24	Multicomponent Interdisciplinary Group Intervention for Self-Management of Fibromyalgia: A Mixed-Methods Randomized Controlled Trial. PLoS ONE, 2015, 10, e0126324.	2.5	57
25	Spinal cord stimulation analgesia. Pain, 2015, 156, 364-365.	4.2	12
26	Relationship Between Blood- and Cerebrospinal Fluidâ€‘Bound Neurotransmitter Concentrations and Conditioned Pain Modulation in Pain-Free and Chronic Pain Subjects. Journal of Pain, 2015, 16, 436-444.	1.4	10
27	Altered Autonomic Nervous System Reactivity to Pain in Trigeminal Neuralgia. Canadian Journal of Neurological Sciences, 2015, 42, 125-131.	0.5	11
28	Long-Term Persistency of Abnormal Heart Rate Variability following Long NICU Stay and Surgery at Birth. Pain Research and Treatment, 2014, 2014, 1-7.	1.7	6
29	The role of cardiovascular activity in fibromyalgia and conditioned pain modulation. Pain, 2014, 155, 1064-1069.	4.2	58
30	Individual Differences in Pain Sensitivity Vary as a Function of Precuneus Reactivity. Brain Topography, 2014, 27, 366-374.	1.8	70
31	Bases anatomo-physiologiques de la chirurgie de la douleur. , 2014, , 7-36.		1
32	Sex and Gender Differences in Pain and Mental Health. , 2014, , 47-80.		2
33	Neurophysiology of Pain. , 2014, , 15-31.		0
34	SantÃ© mentale et douleur. , 2013, , .		2
35	Spinal Mechanisms of Placebo Analgesia and Nocebo Hyperalgesia. , 2013, , 45-52.		1
36	Cardiovascular influences on conditioned pain modulation. Pain, 2013, 154, 1377-1382.	4.2	57

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37	What Makes Transcutaneous Electrical Nerve Stimulation Work? Making Sense of the Mixed Results in the Clinical Literature. <i>Physical Therapy</i> , 2013, 93, 1397-1402.	2.4	132
38	Author Response. <i>Physical Therapy</i> , 2013, 93, 1427-1428.	2.4	3
39	Placebo and nocebo: how to enhance therapies and avoid unintended sabotage to pain treatment. <i>Pain Management</i> , 2013, 3, 285-294.	1.5	7
40	Evaluation of the Bonapace Method: a specific educational intervention to reduce pain during childbirth. <i>Journal of Pain Research</i> , 2013, 6, 653.	2.0	11
41	Add-on Treatment of Quetiapine for Fibromyalgia. <i>Journal of Clinical Psychopharmacology</i> , 2012, 32, 684-687.	1.4	23
42	Aging Independently of the Hormonal Status Changes Pain Responses in Young Postmenopausal Women. <i>Pain Research and Treatment</i> , 2012, 2012, 1-7.	1.7	7
43	Temporal Summation of Pain Is Not Amplified in a Large Proportion of Fibromyalgia Patients. <i>Pain Research and Treatment</i> , 2012, 2012, 1-6.	1.7	29
44	Comparing Pain Modulation and Autonomic Responses in Fibromyalgia and Irritable Bowel Syndrome Patients. <i>Clinical Journal of Pain</i> , 2012, 28, 519-526.	1.9	57
45	Effects of Motor Cortex Modulation and Descending Inhibitory Systems on Pain Thresholds in Healthy Subjects. <i>Journal of Pain</i> , 2012, 13, 450-458.	1.4	87
46	Pain Perception in Schizophrenia: Evidence of a Specific Pain Response Profile. <i>Pain Medicine</i> , 2012, 13, 1571-1579.	1.9	44
47	Is the Deficit in Pain Inhibition in Fibromyalgia Influenced by Sleep Impairments?. <i>Open Rheumatology Journal</i> , 2012, 6, 296-302.	0.2	46
48	Gender specificity of the slow wave sleep lost in chronic widespread musculoskeletal pain. <i>Sleep Medicine</i> , 2011, 12, 179-185.	1.6	26
49	Reduced Analgesic Effect of Acupuncture-like TENS but Not Conventional TENS in Opioid-Treated Patients. <i>Journal of Pain</i> , 2011, 12, 213-221.	1.4	52
50	A Deficit in Peripheral Serotonin Levels in Major Depressive Disorder but Not in Chronic Widespread Pain. <i>Clinical Journal of Pain</i> , 2011, 27, 529-534.	1.9	27
51	Sex differences in perceived pain are affected by an anxious brain. <i>Pain</i> , 2011, 152, 2065-2073.	4.2	47
52	Pain Inhibition Is Deficient in Chronic Widespread Pain but Normal in Major Depressive Disorder. <i>Journal of Clinical Psychiatry</i> , 2011, 72, 219-224.	2.2	94
53	Deciphering the role of endogenous opioids in high-frequency TENS using low and high doses of naloxone. <i>Pain</i> , 2010, 151, 215-219.	4.2	81
54	No relationship between the ins del polymorphism of the serotonin transporter promoter and pain perception in fibromyalgia patients and healthy controls. <i>European Journal of Pain</i> , 2010, 14, 742-746.	2.8	59

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55	Recommendations on terminology and practice of psychophysical DNIC testing. <i>European Journal of Pain</i> , 2010, 14, 339-339.	2.8	415
56	Assessing Pain Behaviors in Healthy Subjects Using the Critical-Care Pain Observation Tool (CPOT): A Pilot Study. <i>Journal of Pain</i> , 2010, 11, 983-987.	1.4	26
57	Pain relief through expectation supersedes descending inhibitory deficits in fibromyalgia patients. <i>Pain</i> , 2009, 145, 18-23.	4.2	55
58	Excitatory and inhibitory pain mechanisms during the menstrual cycle in healthy women. <i>Pain</i> , 2009, 146, 47-55.	4.2	105
59	Evidence of descending inhibition deficits in atypical but not classical trigeminal neuralgia. <i>Pain</i> , 2009, 147, 217-223.	4.2	71
60	Autonomic reactivity to pain throughout the menstrual cycle in healthy women. <i>Clinical Autonomic Research</i> , 2009, 19, 167-173.	2.5	22
61	Fibromyalgia subgroups: profiling distinct subgroups using the Fibromyalgia Impact Questionnaire. A preliminary study. <i>Rheumatology International</i> , 2009, 29, 509-515.	3.0	74
62	Human evidence of a supra-spinal modulating role of dopamine on pain perception. <i>Synapse</i> , 2009, 63, 390-402.	1.2	118
63	Respiratory Effects on Experimental Heat Pain and Cardiac Activity. <i>Pain Medicine</i> , 2009, 10, 1334-1340.	1.9	56
64	DRD3 Ser9Gly Polymorphism Is Related to Thermal Pain Perception and Modulation in Chronic Widespread Pain Patients and Healthy Controls. <i>Journal of Pain</i> , 2009, 10, 969-975.	1.4	91
65	L'impact des sexes dans la douleur: un mythe devenu réalité. <i>Douleurs</i> , 2009, 10, 230-236.	0.0	2
66	The Deficit of Pain Inhibition in Fibromyalgia Is More Pronounced in Patients With Comorbid Depressive Symptoms. <i>Clinical Journal of Pain</i> , 2009, 25, 123-127.	1.9	118
67	Help-seeking process in women with irritable bowel syndrome. Part 2: discussion. <i>Gastrointestinal Nursing</i> , 2009, 6, 28-32.	0.1	4
68	Preterm births: Can neonatal pain alter the development of endogenous gating systems?. <i>European Journal of Pain</i> , 2008, 12, 945-951.	2.8	87
69	An experimental model to measure excitatory and inhibitory pain mechanisms in humans. <i>Brain Research</i> , 2008, 1230, 73-79.	2.2	145
70	Pain perception in schizophrenia: No changes in diffuse noxious inhibitory controls (DNIC) but a lack of pain sensitization. <i>Journal of Psychiatric Research</i> , 2008, 42, 1010-1016.	3.1	67
71	The Physiology of Pain Mechanisms: From the Periphery to the Brain. <i>Rheumatic Disease Clinics of North America</i> , 2008, 34, 285-309.	1.9	98
72	Hypoalgesia in schizophrenia is independent of antipsychotic drugs: A systematic quantitative review of experimental studies. <i>Pain</i> , 2008, 138, 70-78.	4.2	88

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73	Analgesic and antihyperalgesic effects of nabilone on experimental heat pain. <i>Current Medical Research and Opinion</i> , 2008, 24, 1017-1024.	1.9	49
74	Help-seeking process in women with irritable bowel syndrome. Part 1: study results. <i>Gastrointestinal Nursing</i> , 2008, 6, 24-31.	0.1	5
75	Escola inter-relacional de fibromialgia: aprendendo a lidar com a dor - estudo clínico randomizado. <i>Revista Brasileira De Reumatologia</i> , 2008, 48, 218-225.	0.8	8
76	Changes in Pain Perception and Descending Inhibitory Controls Start at Middle Age in Healthy Adults. <i>Clinical Journal of Pain</i> , 2007, 23, 506-510.	1.9	169
77	Descending analgesia – When the spine echoes what the brain expects. <i>Pain</i> , 2007, 130, 137-143.	4.2	243
78	Endogenous pain inhibitory systems activated by spatial summation are opioid-mediated. <i>Neuroscience Letters</i> , 2006, 401, 256-260.	2.1	43
79	Different Autonomic Responses to Experimental Pain in IBS Patients and Healthy Controls. <i>Journal of Clinical Gastroenterology</i> , 2006, 40, 814-820.	2.2	36
80	Direct Comparison of Placebo Effects on Clinical and Experimental Pain. <i>Clinical Journal of Pain</i> , 2006, 22, 204-211.	1.9	79
81	Sex differences in cardiac and autonomic response to clinical and experimental pain in LBP patients. <i>European Journal of Pain</i> , 2006, 10, 603-603.	2.8	45
82	Specificity of female and male sex hormones on excitatory and inhibitory phases of formalin-induced nociceptive responses. <i>Brain Research</i> , 2005, 1052, 105-111.	2.2	110
83	Randomized controlled trial on low level laser therapy (LLLT) in the treatment of osteoarthritis (OA) of the hand. <i>Lasers in Surgery and Medicine</i> , 2005, 36, 210-219.	2.1	83
84	Training the Next Generation of Researchers in Work Disability Prevention: The Canadian Work Disability Prevention CIHR Strategic Training Program. <i>Journal of Occupational Rehabilitation</i> , 2005, 15, 273-284.	2.2	16
85	Widespread pain in fibromyalgia is related to a deficit of endogenous pain inhibition. <i>Pain</i> , 2005, 114, 295-302.	4.2	520
86	Clinical relevance and ethical aspects of placebos. <i>Seminars in Pain Medicine</i> , 2005, 3, 7-14.	0.4	5
87	Establishing a Link Between Heart Rate and Pain in Healthy Subjects: A Gender Effect. <i>Journal of Pain</i> , 2005, 6, 341-347.	1.4	137
88	Dr. Marchand's response to Dr. Coffey's letterThalamic stimulation: placebo component in the clinical efficacy. <i>Pain</i> , 2004, 109, 523-524.	4.2	1
89	Analgesic and placebo effects of thalamic stimulation. <i>Pain</i> , 2003, 105, 481-488.	4.2	85
90	Efficacy of Transcutaneous Electrical Nerve Stimulation (TENS) for Rheumatoid Arthritis: A Systematic Review. <i>Physical Therapy Reviews</i> , 2002, 7, 199-208.	0.8	6

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91	Efficacy of the Transcutaneous Electrical Nerve Stimulation for the Treatment of Chronic Low Back Pain. <i>Spine</i> , 2002, 27, 596-603.	2.0	114
92	Odors modulate pain perceptionA gender-specific effect. <i>Physiology and Behavior</i> , 2002, 76, 251-256.	2.1	82
93	Spatial summation for pain perception: interaction of inhibitory and excitatory mechanisms. <i>Pain</i> , 2002, 95, 201-206.	4.2	83
94	The role of sex hormones on formalin-induced nociceptive responses. <i>Brain Research</i> , 2002, 958, 139-145.	2.2	145
95	Central pain in a hemispherectomized patient. <i>European Journal of Pain</i> , 2001, 5, 209-218.	2.8	22
96	Spinal Opioid Analgesia: How Critical Is the Regulation of Substance P Signaling?. <i>Journal of Neuroscience</i> , 1999, 19, 9642-9653.	3.6	74
97	Stimulation of Human Thalamus for Pain Relief: Possible Modulatory Circuits Revealed by Positron Emission Tomography. <i>Journal of Neurophysiology</i> , 1998, 80, 3326-3330.	1.8	102
98	Effects of Caffeine on Analgesia from Transcutaneous Electrical Nerve Stimulation. <i>New England Journal of Medicine</i> , 1995, 333, 325-326.	27.0	78
99	Heeft TENS louter een placebo-effect? Een gecontroleerd onderzoek naar chronische lage-rugpijn. <i>Stimulus</i> , 1994, 13, 261-261.	0.0	0
100	Reply to D.L. Bourke. <i>Pain</i> , 1994, 56, 123.	4.2	0
101	Is TENS purely a placebo effect? A controlled study on chronic low back pain. <i>Pain</i> , 1993, 54, 99-106.	4.2	217
102	Nervous system stimulation for pain relief. <i>APS Journal</i> , 1993, 2, 103-106.	0.2	3
103	Reply to Dr. R.B. North. <i>Pain</i> , 1992, 49, 157-158.	4.2	0
104	Deep brain stimulation: a review of basic research and clinical studies. <i>Pain</i> , 1991, 45, 49-59.	4.2	78
105	Modulation of Heat Pain Perception by High Frequency Transcutaneous Electrical Nerve Stimulation (TENS). <i>Clinical Journal of Pain</i> , 1991, 7, 122-129.	1.9	61
106	Electrical stimulation of peripheral and central pathways for the relief of musculoskeletal pain. <i>Canadian Journal of Physiology and Pharmacology</i> , 1991, 69, 697-703.	1.4	33
107	A primate model for the study of tonic pain, pain tolerance and diffuse noxious inhibitory controls. <i>Brain Research</i> , 1989, 487, 388-391.	2.2	6
108	Neurophysiologie de la douleur. , 0, , 3-38.		3