

Michele Curatolo

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

5,105
citations

94433

37
h-index

98798

67
g-index

124
all docs

124
docs citations

124
times ranked

3744
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for spinal cord hypersensitivity in chronic pain after whiplash injury and in fibromyalgia. <i>Pain</i> , 2004, 107, 7-15.	4.2	384
2	Central Hypersensitivity in Chronic Pain After Whiplash Injury. <i>Clinical Journal of Pain</i> , 2001, 17, 306-315.	1.9	294
3	Central sensitisation in chronic pain conditions: latest discoveries and their potential for precision medicine. <i>Lancet Rheumatology</i> , The, 2021, 3, e383-e392.	3.9	176
4	The analgesic effect of oral delta-9-tetrahydrocannabinol (THC), morphine, and a THC-morphine combination in healthy subjects under experimental pain conditions. <i>Pain</i> , 2003, 105, 79-88.	4.2	174
5	Chronic Phantom Limb Pain: The Effects of Calcitonin, Ketamine, and Their Combination on Pain and Sensory Thresholds. <i>Anesthesia and Analgesia</i> , 2008, 106, 1265-1273.	2.2	159
6	Central Hypersensitivity in Chronic Pain: Mechanisms and Clinical Implications. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2006, 17, 287-302.	1.3	147
7	Reference values of mechanical and thermal pain tests in a pain-free population. <i>European Journal of Pain</i> , 2011, 15, 376-383.	2.8	145
8	Sonographic Visualization and Ultrasound-guided Block of the Third Occipital Nerve. <i>Anesthesiology</i> , 2006, 104, 303-308.	2.5	133
9	Modulation of Remifentanyl-Induced Analgesia, Hyperalgesia, and Tolerance by Small-Dose Ketamine in Humans. <i>Anesthesia and Analgesia</i> , 2003, 96, 726-732.	2.2	131
10	Modulation of Central Hypersensitivity by Nociceptive Input in Chronic Pain After Whiplash Injury. <i>Pain Medicine</i> , 2004, 5, 366-376.	1.9	125
11	Minimal Local Anesthetic Volume for Peripheral Nerve Block. <i>Regional Anesthesia and Pain Medicine</i> , 2009, 34, 242-246.	2.3	125
12	Sensory Assessment of Regional Analgesia in Humans. <i>Anesthesiology</i> , 2000, 93, 1517-1530.	2.5	114
13	Evidence, Mechanisms, and Clinical Implications of Central Hypersensitivity in Chronic Pain After Whiplash Injury. <i>Clinical Journal of Pain</i> , 2004, 20, 469-476.	1.9	113
14	Factor analysis of responses to thermal, electrical, and mechanical painful stimuli supports the importance of multi-modal pain assessment. <i>Pain</i> , 2011, 152, 1146-1155.	4.2	112
15	Seeing and identifying with a virtual body decreases pain perception. <i>European Journal of Pain</i> , 2011, 15, 874-879.	2.8	104
16	Ultrasound-Guided Suprascapular Nerve Block, Description of a Novel Supraclavicular Approach. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 325-328.	2.3	104
17	The Role of Tissue Damage in Whiplash-Associated Disorders. <i>Spine</i> , 2011, 36, S309-S315.	2.0	101
18	Psychologic Factors Are Related to Some Sensory Pain Thresholds but Not Nociceptive Flexion Reflex Threshold in Chronic Whiplash. <i>Clinical Journal of Pain</i> , 2008, 24, 124-130.	1.9	100

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19	Combinations of Morphine with Ketamine for Patient-controlled Analgesia. <i>Anesthesiology</i> , 2003, 98, 1195-1205.	2.5	96
20	Pharmacologic Pain Treatment of Musculoskeletal Disorders: Current Perspectives and Future Prospects. <i>Clinical Journal of Pain</i> , 2001, 17, 25-32.	1.9	82
21	A Direct Search Procedure to Optimize Combinations of Epidural Bupivacaine, Fentanyl, and Clonidine for Postoperative Analgesia. <i>Anesthesiology</i> , 2000, 92, 325-325.	2.5	73
22	Ranking of parameters of pain hypersensitivity according to their discriminative ability in chronic low back pain. <i>Pain</i> , 2012, 153, 2083-2091.	4.2	72
23	Drug combinations in pain treatment: a review of the published evidence and a method for finding the optimal combination. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2002, 16, 507-519.	4.0	71
24	The nociceptive withdrawal reflex: Normative values of thresholds and reflex receptive fields. <i>European Journal of Pain</i> , 2010, 14, 134-141.	2.8	65
25	Conditioned Pain Modulation in Patients With Acute and Chronic Low Back Pain. <i>Clinical Journal of Pain</i> , 2016, 32, 116-121.	1.9	64
26	Is the Conditioned Pain Modulation Paradigm Reliable? A Test-Retest Assessment Using the Nociceptive Withdrawal Reflex. <i>PLoS ONE</i> , 2014, 9, e100241.	2.5	62
27	Generalized expansion of nociceptive reflex receptive fields in chronic pain patients. <i>Pain</i> , 2010, 151, 798-805.	4.2	58
28	Test-retest reliability of the nociceptive withdrawal reflex and electrical pain thresholds after single and repeated stimulation in patients with chronic low back pain. <i>European Journal of Applied Physiology</i> , 2011, 111, 83-92.	2.5	55
29	The Effect of Brief Electrical and Manual Acupuncture Stimulation on Mechanical Experimental Pain. <i>Pain Medicine</i> , 2011, 12, 268-275.	1.9	52
30	Is the Combination of Morphine with Ketamine Better than Morphine Alone for Postoperative Intravenous Patient-Controlled Analgesia?. <i>Anesthesia and Analgesia</i> , 2008, 106, 287-293.	2.2	51
31	Human cells and networks of pain: Transforming pain target identification and therapeutic development. <i>Neuron</i> , 2021, 109, 1426-1429.	8.1	47
32	Reliability of Quantitative Sensory Tests in a Low Back Pain Population. <i>Regional Anesthesia and Pain Medicine</i> , 2015, 40, 665-673.	2.3	46
33	Reflex receptive fields are enlarged in patients with musculoskeletal low back and neck pain. <i>Pain</i> , 2013, 154, 1318-1324.	4.2	45
34	Radiological Anatomy of the Obturator Nerve and Its Articular Branches: Basis to Develop a Method of Radiofrequency Denervation for Hip Joint Pain. <i>Pain Medicine</i> , 2008, 9, 291-298.	1.9	43
35	Evaluation of Anti-Hyperalgesic and Analgesic Effects of Two Benzodiazepines in Human Experimental Pain: A Randomized Placebo-Controlled Study. <i>PLoS ONE</i> , 2013, 8, e43896.	2.5	43
36	No benefit from perioperative intravenous lidocaine in laparoscopic renal surgery. <i>European Journal of Anaesthesiology</i> , 2012, 29, 537-543.	1.7	41

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37	Accuracy of Ultrasound-guided Nerve Blocks of the Cervical Zygapophysial Joints. <i>Anesthesiology</i> , 2012, 117, 347-352.	2.5	41
38	Local Pain and Spreading Hyperalgesia Induced by Intramuscular Injection of Nerve Growth Factor Are Not Reduced by Local Anesthesia of the Muscle. <i>Clinical Journal of Pain</i> , 2011, 27, 240-247.	1.9	40
39	Factors determining the success of radiofrequency denervation in lumbar facet joint pain: a prospective study. <i>European Spine Journal</i> , 2011, 20, 2160-2165.	2.2	39
40	Central Hypersensitivity in Chronic Musculoskeletal Pain. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2015, 26, 175-184.	1.3	38
41	Pain hypersensitivity and spinal nociceptive hypersensitivity in chronic pain. <i>Pain</i> , 2015, 156, 2373-2382.	4.2	37
42	What Does Local Tenderness Say About the Origin of Pain? An Investigation of Cervical Zygapophysial Joint Pain. <i>Anesthesia and Analgesia</i> , 2010, 110, 923-927.	2.2	36
43	Do Central Hypersensitivity and Altered Pain Modulation Predict the Course of Chronic Low Back and Neck Pain?. <i>Clinical Journal of Pain</i> , 2013, 29, 673-680.	1.9	35
44	Ultrasound Anatomy of the Nerves Supplying the Cervical Zygapophyseal Joints. <i>Regional Anesthesia and Pain Medicine</i> , 2011, 36, 606-610.	2.3	34
45	Diagnosis of Altered Central Pain Processing. <i>Spine</i> , 2011, 36, S200-S204.	2.0	34
46	Ultrasound Imaging to Estimate Risk of Esophageal and Vascular Puncture After Conventional Stellate Ganglion Block. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 224-227.	2.3	34
47	Non-pharmacological interventions for alleviating pain during orthodontic treatment. <i>The Cochrane Library</i> , 2016, 2016, CD010263.	2.8	32
48	Toward Optimal Early Management After Whiplash Injury to Lessen the Rate of Transition to Chronicity. <i>Spine</i> , 2011, 36, S335-S342.	2.0	31
49	Algometry with a clothes peg compared to an electronic pressure algometer: a randomized cross-sectional study in pain patients. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 174.	1.9	30
50	Does Acupuncture Needling Induce Analgesic Effects Comparable to Diffuse Noxious Inhibitory Controls?. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-5.	1.2	30
51	GABAergic modulation in central sensitization in humans. <i>Pain</i> , 2015, 156, 397-404.	4.2	30
52	New method for quantification and statistical analysis of nociceptive reflex receptive fields in humans. <i>Journal of Neuroscience Methods</i> , 2009, 178, 24-30.	2.5	29
53	Adding regional analgesia to general anaesthesia: increase of risk or improved outcome?. <i>European Journal of Anaesthesiology</i> , 2010, 27, 586-591.	1.7	25
54	Correlation Between Altered Central Pain Processing and Concentration of Peritoneal Fluid Inflammatory Cytokines in Endometriosis Patients With Chronic Pelvic Pain. <i>Regional Anesthesia and Pain Medicine</i> , 2014, 39, 181-184.	2.3	25

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55	Metabolomics in chronic pain research. <i>European Journal of Pain</i> , 2021, 25, 313-326.	2.8	24
56	Modeling and simulation of fish swimming with active muscles. <i>Journal of Theoretical Biology</i> , 2016, 409, 18-26.	1.7	23
57	Mutations affecting glycinergic neurotransmission in hyperekplexia increase pain sensitivity. <i>Brain</i> , 2018, 141, 63-71.	7.6	23
58	Diagnostic blocks for chronic pain. <i>Scandinavian Journal of Pain</i> , 2010, 1, 186-192.	1.3	22
59	Effect of intravenous tropisetron on modulation of pain and central hypersensitivity in chronic low back pain patients. <i>Pain</i> , 2012, 153, 311-318.	4.2	22
60	Tracheal Intubation with Rocuronium Using the "Timing Principle". <i>Anesthesia and Analgesia</i> , 1998, 86, 1137-1140.	2.2	21
61	Ranking of Tests for Pain Hypersensitivity According to Their Discriminative Ability in Chronic Neck Pain. <i>Regional Anesthesia and Pain Medicine</i> , 2013, 38, 308-320.	2.3	21
62	Regional anesthesia in pain management. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 614-619.	2.0	21
63	Features and methods to discriminate between mechanism-based categories of pain experienced in the musculoskeletal system: a Delphi expert consensus study. <i>Pain</i> , 2022, 163, 1812-1828.	4.2	21
64	Assessment of regional analgesia in clinical practice and research. <i>British Medical Bulletin</i> , 2005, 71, 61-76.	6.9	20
65	Predicting transition from acute to chronic low back pain with quantitative sensory testsâ€”A prospective cohort study in the primary care setting. <i>European Journal of Pain</i> , 2019, 23, 894-907.	2.8	20
66	Recommendations For Core Outcome Domain Set For Whiplash-Associated Disorders (CATWAD). <i>Clinical Journal of Pain</i> , 2019, 35, 727-736.	1.9	19
67	Reliability of conditioned pain modulation in healthy individuals and chronic pain patients: a systematic review and meta-analysis. <i>Scandinavian Journal of Pain</i> , 2022, 22, 262-278.	1.3	19
68	Confirmatory method for the determination of nandrolone and trenbolone in urine samples using immunoaffinity cleanup and liquid chromatographyâ€”tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 8059-8066.	3.7	18
69	Blockade of the Sinuvertebral Nerve for the Diagnosis of Lumbar Diskogenic Pain. <i>Anesthesia and Analgesia</i> , 2010, 111, 204-206.	2.2	18
70	Pharmacological and Interventional Management of Pain After Whiplash Injury. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 845-850.	3.5	17
71	Psychophysical and Electrophysiological Evidence for Enhanced Pain Facilitation and Unaltered Pain Inhibition in Acute Low Back Pain Patients. <i>Journal of Pain</i> , 2017, 18, 1313-1323.	1.4	17
72	Current evidence for central analgesic effects of NSAIDs: an overview of the literature. <i>Minerva Anestesiologica</i> , 2018, 84, 865-870.	1.0	17

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73	Reference values of conditioned pain modulation. <i>Scandinavian Journal of Pain</i> , 2019, 19, 279-286.	1.3	17
74	Is Epinephrine Unfairly Neglected for Postoperative Epidural Mixtures?. <i>Anesthesia and Analgesia</i> , 2002, 94, 1381-1383.	2.2	16
75	Detrusor Activity Is Impaired during Thoracic Epidural Analgesia after Open Renal Surgery. <i>Anesthesiology</i> , 2010, 112, 1345-1349.	2.5	16
76	Influence of Epidural Mixture and Surgery on Bladder Function after Open Renal Surgery. <i>Anesthesiology</i> , 2013, 118, 70-77.	2.5	16
77	A Shortened Radiofrequency Denervation Method for Cervical Zygapophysial Joint Pain Based on Ultrasound Localization of the Nerves. <i>Pain Medicine</i> , 2011, 12, 1703-1709.	1.9	15
78	Cold pain hypersensitivity predicts trajectories of pain and disability after low back surgery: a prospective cohort study. <i>Pain</i> , 2021, 162, 184-194.	4.2	15
79	The Role of Central Hypersensitivity in the Determination of Intradiscal Mechanical Hyperalgesia in Discogenic Pain. <i>Pain Medicine</i> , 2010, 11, 701-708.	1.9	14
80	Driving water cavitation in a hydrogel cavity. <i>Soft Matter</i> , 2018, 14, 2310-2321.	2.7	14
81	Can quantitative sensory tests predict failed back surgery?. <i>European Journal of Anaesthesiology</i> , 2019, 36, 695-704.	1.7	14
82	The Well-being Model. <i>Anesthesiology</i> , 2006, 104, 742-753.	2.5	13
83	Predicting chronic pain after major traumatic injury. <i>Scandinavian Journal of Pain</i> , 2019, 19, 453-464.	1.3	13
84	Mechanistic, translational, quantitative pain assessment tools in profiling of pain patients and for development of new analgesic compounds. <i>Scandinavian Journal of Pain</i> , 2013, 4, 226-230.	1.3	12
85	A core outcome set for clinical trials in whiplash-associated disorders (WAD): a study protocol. <i>Trials</i> , 2018, 19, 635.	1.6	12
86	Probabilistic model for individual assessment of central hyperexcitability using the nociceptive withdrawal reflex: a biomarker for chronic low back and neck pain. <i>BMC Neuroscience</i> , 2013, 14, 110.	1.9	11
87	Linking altered central pain processing and genetic polymorphism to drug efficacy in chronic low back pain. <i>BMC Pharmacology & Toxicology</i> , 2015, 16, 23.	2.4	11
88	Obturator Nerve Block: A Technique Based on Anatomical Findings and MRI Analysis: Table 1. <i>Pain Medicine</i> , 2008, 9, 1012-1015.	1.9	10
89	Effect of single-dose imipramine on chronic low-back and experimental pain. A randomized controlled trial. <i>PLoS ONE</i> , 2018, 13, e0195776.	2.5	10
90	Reliability of the conditioned pain modulation paradigm across three anatomical sites. <i>Scandinavian Journal of Pain</i> , 2020, 20, 283-296.	1.3	10

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91	Study to Enhance Understanding of Stent-Associated Symptoms: Rationale and Study Design. <i>Journal of Endourology</i> , 2021, 35, 761-768.	2.1	9
92	Percentile normative values of parameters of electrical pain and reflex thresholds. <i>Scandinavian Journal of Pain</i> , 2013, 4, 120-124.	1.3	8
93	Ultrasound in interventional pain management. <i>European Journal of Pain Supplements</i> , 2008, 2, 78-83.	0.0	7
94	Central sensitization: Nice to know?. <i>European Journal of Pain</i> , 2018, 22, 214-215.	2.8	7
95	Can early oral prolonged-release oxycodone with or without naloxone reduce the duration of epidural analgesia after cystectomy? A 3-arm, randomized, double-blind, placebo-controlled trial. <i>Pain</i> , 2018, 159, 560-567.	4.2	5
96	Consensus practice guidelines on interventions for lumbar facet joint pain: finding a path through troubled waters. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 397-398.	2.3	5
97	Altered central pain processing in fibromyalgia: A multimodal neuroimaging case-control study using arterial spin labelling. <i>PLoS ONE</i> , 2021, 16, e0235879.	2.5	4
98	A New Model for Drug Interactions and Optimal Drug Dosing. , 2005, 2005, 2353-6.		3
99	Ultrasound and chronic pain: Innovative approaches. <i>European Journal of Pain Supplements</i> , 2009, 3, 129-134.	0.0	3
100	Measurement Error of a Simplified Protocol for Quantitative Sensory Tests in Chronic Pain Patients. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 660-668.	2.3	3
101	Patient and Provider Acceptability of a Patient Preauthorized Concealed Opioid Reduction. <i>Pain Medicine</i> , 2021, 22, 1651-1659.	1.9	3
102	Long-term effectiveness of epidural steroid injections after new episodes of low back pain in older adults. <i>European Journal of Pain</i> , 0, , .	2.8	3
103	Discriminative ability of reflex receptive fields to distinguish patients with acute and chronic low back pain. <i>Pain</i> , 2016, 157, 2664-2671.	4.2	2
104	Spatial summation of pain and its meaning to patients. <i>Scandinavian Journal of Pain</i> , 2017, 17, 116-117.	1.3	2
105	Quantitative sensory tests fairly reflect immediate effects of oxycodone in chronic low-back pain. <i>Scandinavian Journal of Pain</i> , 2017, 17, 107-115.	1.3	2
106	Attitudes Toward a Pre-authorized Concealed Opioid Taper: A Qualitative Analysis of Patient and Clinician Perspectives. <i>Frontiers in Psychiatry</i> , 2022, 13, 820357.	2.6	2
107	Chronic Pain After Whiplash Injury: Evidence for Altered Central Sensory Processing. <i>Journal of Whiplash and Related Disorders</i> , 2003, 2, 5-16.	0.2	1
108	Ultrasound and chronic pain. <i>European Journal of Pain Supplements</i> , 2010, 4, 323-328.	0.0	1

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109	Ultrasound guided spinal procedures. European Journal of Pain Supplements, 2011, 5, 495-497.	0.0	1
110	Pharmacological modulation of chronic pain after whiplash injury. Scandinavian Journal of Pain, 2012, 3, 149-150.	1.3	1
111	Appropriate interventional management of whiplash-associated pain disorders is effective. Scandinavian Journal of Pain, 2012, 3, 236-237.	1.3	1
112	Altered central pain processes behind fibromyalgia? Are they restored by antidepressants as indicated by an innovative fMRI-study?. Scandinavian Journal of Pain, 2013, 4, 63-64.	1.3	1
113	Common Biological Modulators of Acute Pain: An Overview Within the AAAPT Project (ACTION-APS-AAPM Acute Pain Taxonomy). Pain Medicine, 2020, 21, 2394-2400.	1.9	1
114	Modulation of pain areas by greater occipital nerve block in chronic daily headache. European Journal of Anaesthesiology, 2020, 37, 248-251.	1.7	1
115	AAAPT Diagnostic Criteria for Acute Thoracic Surgery Pain. Journal of Pain, 2021, 22, 892-904.	1.4	1
116	Ultrasound Is Not the Only Technique to Visualize Third Occipital Nerve Blockade. Anesthesiology, 2006, 105, 858-858.	2.5	0
117	Repeated nociceptive stimulation for detecting drug effects. Scandinavian Journal of Pain, 2010, 1, 142-142.	1.3	0
118	In Reply:. Anesthesiology, 2013, 119, 238-239.	2.5	0
119	The interactions between cutaneous and deep pain. Scandinavian Journal of Pain, 2014, 5, 256-257.	1.3	0
120	A surgical treatment for chronic neck pain after whiplash injury?. Scandinavian Journal of Pain, 2016, 12, 43-44.	1.3	0
121	Postoperative pain documentation 30 years after. Scandinavian Journal of Pain, 2016, 11, 125-126.	1.3	0