

Maartens Moens

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56

papers

395

citations

12

h-index

16

g-index

75

ext. papers

723

ext. citations

3.7

avg, IF

3.85

L-index

#	Paper	IF	Citations
56	Hypnosis to manage musculoskeletal and neuropathic chronic pain: A systematic review and meta-analysis.. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 135, 104591	9	1
55	Patient Selection for Spinal Cord Stimulation in Treatment of Pain: Sequential Decision-Making Model - A Narrative Review.. <i>Journal of Pain Research</i> , 2022 , 15, 1163-1171	2.9	0
54	Virtual Reality Applications in Chronic Pain Management: Systematic Review and Meta-analysis.. <i>JMIR Serious Games</i> , 2022 , 10, e34402	3.4	1
53	Social Media and Chronic Pain: What Do Patients Discuss?.. <i>Journal of Personalized Medicine</i> , 2022 , 12, 797	3.6	0
52	Machine Learning Algorithms Provide Greater Prediction of Response to SCS Than Lead Screening Trial: A Predictive AI-Based Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
51	Machine Learning Algorithms Provide Greater Prediction of Response to SCS Than Lead Screening Trial: A Predictive AI-Based Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021 , 10, 4764	5.1	3
50	A Novel Multi-Dimensional Clinical Response Index Dedicated to Improving Global Assessment of Pain in Patients with Persistent Spinal Pain Syndrome after Spinal Surgery, Based on a Real-Life Prospective Multicentric Study (PREDIBACK) and Machine Learning Techniques. <i>Journal of Clinical</i>	5.1	2
49	Finite Mixture Models Based on Pain Intensity, Functional Disability and Psychological Distress Composite Assessment Allow Identification of Two Distinct Classes of Persistent Spinal Pain Syndrome after Surgery Patients Related to Their Quality of Life. <i>Journal of Clinical Medicine</i> , 2021 ,	5.1	6
48	Professional Status of Persistent Spinal Pain Syndrome Patients after Spinal Surgery (PSPS-T2): What Really Matters? A Prospective Study Introducing the Concept of "Adapted Professional Activity" Inferred from Clinical, Psychological and Social Influence. <i>Journal of Clinical Medicine</i> , 2021	5.1	2
47	High-dose spinal cord stimulation for patients with failed back surgery syndrome: a multicenter effectiveness and prediction study. <i>Pain</i> , 2021 , 162, 582-590	8	13
46	Detoxification of Neuromodulation Eligible Patients by a Standardized Protocol: A Retrospective Pilot Study. <i>Neuromodulation</i> , 2021 ,	3.1	1
45	Persistent Spinal Pain Syndrome Type 2 (PSPS-T2), a Social Pain? Advocacy for a Social Gradient of Health Approach to Chronic Pain. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	9
44	Identifying goals in patients with chronic pain: A European survey. <i>European Journal of Pain</i> , 2021 , 25, 1959-1970	3.7	3
43	Exploration of the Supraspinal Hypotheses about Spinal Cord Stimulation and Dorsal Root Ganglion Stimulation: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
42	The association between pain intensity and disability in patients with failed back surgery syndrome, treated with spinal cord stimulation. <i>Disability and Rehabilitation</i> , 2021 , 43, 2157-2163	2.4	4
41	The Long-Term Response to High-Dose Spinal Cord Stimulation in Patients With Failed Back Surgery Syndrome After Conversion From Standard Spinal Cord Stimulation: An Effectiveness and Prediction Study. <i>Neuromodulation</i> , 2021 , 24, 546-555	3.1	6
40	Effects of Spinal Cord Stimulation on Heart Rate Variability in Patients With Failed Back Surgery Syndrome: Comparison Between a 2-lead ECG and a Wearable Device. <i>Neuromodulation</i> , 2021 , 24, 512-519	3.1	2

39	High-Dose Spinal Cord Stimulation Reduces Long-Term Pain Medication Use in Patients With Failed Back Surgery Syndrome Who Obtained at Least 50% Pain Intensity and Medication Reduction During a Trial Period: A Registry-Based Cohort Study. <i>Neuromodulation</i> , 2021 , 24, 520-531	3.1	4
38	Cross-Country Differences in Pain Medication Before and After Spinal Cord Stimulation: A Pooled Analysis of Individual Patient Data From Two Prospective Studies in the United Kingdom and Belgium. <i>Neuromodulation</i> , 2021 ,	3.1	1
37	A Regions of Interest Voxel-Based Morphometry Study of the Human Brain During High-Frequency Spinal Cord Stimulation in Patients With Failed Back Surgery Syndrome. <i>Pain Practice</i> , 2020 , 20, 878-888 ³	3	5
36	The influence of nociceptive and neuropathic pain states on the processing of acute electrical nociceptive stimulation: A dynamic causal modeling study. <i>Brain Research</i> , 2020 , 1733, 146728	3.7	2
35	Predicting the Response of High Frequency Spinal Cord Stimulation in Patients with Failed Back Surgery Syndrome: A Retrospective Study with Machine Learning Techniques. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
34	The Added Value of High Dose Spinal Cord Stimulation in Patients with Failed Back Surgery Syndrome after Conversion from Standard Spinal Cord Stimulation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
33	Effects of spinal cord stimulation on voxel-based brain morphometry in patients with failed back surgery syndrome. <i>Clinical Neurophysiology</i> , 2020 , 131, 2578-2587	4.3	4
32	Determining the Minimal Clinical Important Difference for Medication Quantification Scale III and Morphine Milligram Equivalents in Patients with Failed Back Surgery Syndrome. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
31	The Relationship between Cognitive and Emotional Factors and Healthcare and Medication Use in People Experiencing Pain: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	7
30	Long-term quality of life and work status after high-dose spinal cord stimulation in patients with failed back surgery syndrome: a secondary analysis of real-world data. <i>Journal of Neurosurgery: Spine</i> , 2020 , 34, 440-448	2.8	2
29	Cortical Mapping in Conventional and High Dose Spinal Cord Stimulation: An Exploratory Power Spectrum and Functional Connectivity Analysis With Electroencephalography. <i>Neuromodulation</i> , 2020 , 23, 74-81	3.1	3
28	Electrical (Pain) Thresholds and Conditioned Pain Modulation in Patients with Low Back-Related Leg Pain and Patients with Failed Back Surgery Syndrome: A Cross-Sectional Pilot Study. <i>Pain Medicine</i> , 2020 , 21, 538-547	2.8	2
27	Magnetic Resonance Imaging Exploration of the Human Brain During 10 kHz Spinal Cord Stimulation for Failed Back Surgery Syndrome: A Resting State Functional Magnetic Resonance Imaging Study. <i>Neuromodulation</i> , 2020 , 23, 46-55	3.1	14
26	Goal Identification Before Spinal Cord Stimulation: A Qualitative Exploration in Potential Candidates. <i>Pain Practice</i> , 2020 , 20, 247-254	3	6
25	Moving Beyond a Pain Intensity Reporting: The Value of Goal Identification in Neuromodulation. <i>Neuromodulation</i> , 2020 , 23, 1057-1058	3.1	4
24	Association Between Spinal Cord Stimulation and Top-Down Nociceptive Inhibition in People With Failed Back Surgery Syndrome: A Cohort Study. <i>Physical Therapy</i> , 2019 , 99, 915-923	3.3	4
23	A Modern Pain Neuroscience Approach in Patients Undergoing Surgery for Lumbar Radiculopathy: A Clinical Perspective. <i>Physical Therapy</i> , 2019 , 99, 933-945	3.3	5
22	Return to Work of Patients Treated With Spinal Cord Stimulation for Chronic Pain: A Systematic Review and Meta-Analysis. <i>Neuromodulation</i> , 2019 , 22, 253-261	3.1	12

21	Interventions to promote work participation after ischaemic stroke: A systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2019 , 185, 105458	2	6
20	Effects of spinal cord stimulation on heart rate variability in patients with Failed Back Surgery Syndrome. <i>PLoS ONE</i> , 2019 , 14, e0219076	3.7	5
19	The influence of High Dose Spinal Cord Stimulation on the descending pain modulatory system in patients with failed back surgery syndrome. <i>NeuroImage: Clinical</i> , 2019 , 24, 102087	5.3	4
18	The added value of cognitive behavioral therapy for insomnia to current best evidence physical therapy for chronic spinal pain: protocol of a randomized controlled clinical trial. <i>Brazilian Journal of Physical Therapy</i> , 2019 , 23, 62-70	3.7	8
17	Does Spinal Cord Stimulation Really Influence Sleep?. <i>Neuromodulation</i> , 2019 , 22, 311-316	3.1	1
16	A new minimally invasive technique for lead revision of perc-paddle leads. <i>Acta Neurochirurgica</i> , 2018 , 160, 831-833	3	1
15	Sleep Disturbances in Chronic Pain: Neurobiology, Assessment, and Treatment in Physical Therapist Practice. <i>Physical Therapy</i> , 2018 , 98, 325-335	3.3	50
14	Association Between Symptoms of Central Sensitization and Cognitive Behavioral Factors in People With Chronic Nonspecific Low Back Pain: A Cross-sectional Study. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2018 , 41, 92-101	1.3	30
13	Is the Self-Reporting of Failed Back Surgery Syndrome Patients Treated With Spinal Cord Stimulation in Line With Objective Measurements?. <i>Neuromodulation</i> , 2018 , 21, 93-100	3.1	6
12	Functional magnetic resonance imaging: cerebral function alterations in subthreshold and suprathreshold spinal cord stimulation. <i>Journal of Pain Research</i> , 2018 , 11, 2517-2526	2.9	13
11	Re: Return to work following surgery for lumbarradiculopathy-is there a need for postoperative rehabilitation?. <i>Spine Journal</i> , 2018 , 18, 2376-2377	4	1
10	Return to work following surgery for lumbar radiculopathy: a systematic review. <i>Spine Journal</i> , 2018 , 18, 1694-1714	4	22
9	Motor Cortex Stimulation in Patients Suffering from Chronic Neuropathic Pain: Summary of Expert Meeting and Premeeting Questionnaire, Combined with Literature Review. <i>World Neurosurgery</i> , 2017 , 108, 254-263	2.1	14
8	Twiddler® Syndrome and Neuromodulation-Devices: A Troubled Marriage. <i>Neuromodulation</i> , 2017 , 20, 279-283	3.1	4
7	Time Gain Needed for In-Ambulance Telemedicine: Cost-Utility Model. <i>JMIR MHealth and UHealth</i> , 2017 , 5, e175	5.5	9
6	High-Density in Spinal Cord stimulation: Virtual Expert Registry (DISCOVER): Study Protocol for a Prospective Observational Trial. <i>Anesthesiology and Pain Medicine</i> , 2017 , 7, e13640	3.5	14
5	Development and Pilot Testing of 24/7 In-Ambulance Telemedicine for Acute Stroke: Prehospital Stroke Study at the Universitair Ziekenhuis Brussel-Project. <i>Cerebrovascular Diseases</i> , 2016 , 42, 15-22	3.2	21
4	Back school or brain school for patients undergoing surgery for lumbar radiculopathy? Protocol for a randomised, controlled trial. <i>Journal of Physiotherapy</i> , 2016 , 62, 165	2.9	7

3	Spinal cord stimulation modulates cerebral neurobiology: a proton magnetic resonance spectroscopy study. <i>Neuroradiology</i> , 2013 , 55, 1039-1047	3.2	17
2	Feasibility of cerebral magnetic resonance imaging in patients with externalised spinal cord stimulator. <i>Clinical Neurology and Neurosurgery</i> , 2012 , 114, 135-41	2	14
1	A Novel Multi-dimensional Clinical Response Index Dedicated to Improving Global Assessment of Pain in Patients with Persistent Spinal Pain Syndrome After Spinal Surgery, Based on a Real-life Prospective Multicentric Study (PREDIBACK) and Machine Learning		3