

# Maartens Moens

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,027  
citations

471371

17  
h-index

580701

25  
g-index

75  
all docs

75  
docs citations

75  
times ranked

845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep Disturbances in Chronic Pain: Neurobiology, Assessment, and Treatment in Physical Therapist Practice. <i>Physical Therapy</i> , 2018, 98, 325-335.	1.1	109
2	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.	0.4	49
3	Virtual Reality Applications in Chronic Pain Management: Systematic Review and Meta-analysis. <i>JMIR Serious Games</i> , 2022, 10, e34402.	1.7	48
4	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.	2.0	37
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.	0.8	32
6	Return to work following surgery for lumbar radiculopathy: a systematic review. <i>Spine Journal</i> , 2018, 18, 1694-1714.	0.6	29
7	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, 2817.	1.0	27
8	Is Central Sensitisation the Missing Link of Persisting Symptoms after COVID-19 Infection?. <i>Journal of Clinical Medicine</i> , 2021, 10, 5594.	1.0	27
9	Hypnosis to manage musculoskeletal and neuropathic chronic pain: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104591.	2.9	24
10	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.	0.4	23
11	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.	0.4	23
12	Spinal cord stimulation modulates cerebral neurobiology: a proton magnetic resonance spectroscopy study. <i>Neuroradiology</i> , 2013, 55, 1039-1047.	1.1	21
13	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.	1.1	21
14	Identifying goals in patients with chronic pain: A European survey. <i>European Journal of Pain</i> , 2021, 25, 1959-1970.	1.4	21
15	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, 10, 4676.	1.0	20
16	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.	0.7	19
17	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, 3747.	1.0	19
18	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.	0.5	19

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19	Feasibility of cerebral magnetic resonance imaging in patients with externalised spinal cord stimulator. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 135-141.	0.6	17
20	Goal Identification Before Spinal Cord Stimulation: A Qualitative Exploration in Potential Candidates. <i>Pain Practice</i> , 2020, 20, 247-254.	0.9	17
21	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 Medicine</i> , 2021, 10, 4910.	1.0	17
22	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.	0.7	16
23	Functional magnetic resonance imaging: cerebral function alterations in subthreshold and suprathreshold spinal cord stimulation. <i>Journal of Pain Research</i> , 2018, Volume 11, 2517-2526.	0.8	16
24	A Modern Pain Neuroscience Approach in Patients Undergoing Surgery for Lumbar Radiculopathy: A Clinical Perspective. <i>Physical Therapy</i> , 2019, 99, 933-945.	1.1	16
25	Interventions to promote work participation after ischaemic stroke: A systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2019, 185, 105458.	0.6	15
26	Effects of spinal cord stimulation on heart rate variability in patients with Failed Back Surgery Syndrome. <i>PLoS ONE</i> , 2019, 14, e0219076.	1.1	15
27	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.	0.7	15
28	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, 2486.	1.0	15
29	Patient Selection for Spinal Cord Stimulation in Treatment of Pain: Sequential Decision-Making Model "A Narrative Review. <i>Journal of Pain Research</i> , 2022, Volume 15, 1163-1171.	0.8	15
30	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.	0.4	14
31	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, 2766.	1.0	14
32	Gradation of Clinical Holistic Response as New Composite Outcome to Evaluate Success in Spinal Cord Stimulation Studies for Pain. <i>Neuromodulation</i> , 2023, 26, 139-146.	0.4	14
33	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.	0.4	12
34	Time Gain Needed for In-Ambulance Telemedicine: Cost-Utility Model. <i>JMIR MHealth and UHealth</i> , 2017, 5, e175.	1.8	12
35	Moving Beyond a Pain Intensity Reporting: The Value of Goal Identification in Neuromodulation. <i>Neuromodulation</i> , 2020, 23, 1057-1058.	0.4	11
36	Effects of Spinal Cord Stimulation on Heart Rate Variability in Patients With Failed Back Surgery Syndrome: Comparison Between a "Lead ECG and a Wearable Device. <i>Neuromodulation</i> , 2021, 24, 512-519.	0.4	11

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37	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> , 2023, 26, 215-223.	0.4	11
38	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, 10, 5055.	1.0	11
39	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.	0.9	10
40	The Added Value of Subcutaneous Peripheral Nerve Field Stimulation Combined with SCS, as Salvage Therapy, for Refractory Low Back Pain Component in Persistent Spinal Pain Syndrome Implanted Patients: A Randomized Controlled Study (CUMPNS Study) Based on 3D-Mapping Composite Pain Assessment. <i>Journal of Clinical Medicine</i> , 2021, 10, 5094.	1.0	10
41	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, 4131.	1.0	10
42	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.	1.4	9
43	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.	1.0	9
44	Twiddler's Syndrome and Neuromodulation-Devices: A Troubled Marriage. <i>Neuromodulation</i> , 2017, 20, 279-283.	0.4	8
45	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.	0.4	8
46	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.	0.9	8
47	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.	0.9	8
48	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.	0.4	8
49	The Challenge of Converting "Failed Spinal Cord Stimulation Syndrome" Back to Clinical Success, Using SCS Reprogramming as Salvage Therapy, through Neurostimulation Adapters Combined with 3D-Computerized Pain Mapping Assessment: A Real Life Retrospective Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 272.	1.0	8
50	Acceptance and Commitment Therapy to Increase Resilience in Chronic Pain Patients: A Clinical Guideline. <i>Medicina (Lithuania)</i> , 2022, 58, 499.	0.8	8
51	The Link Between Spinal Cord Stimulation and the Parasympathetic Nervous System in Patients With Failed Back Surgery Syndrome. <i>Neuromodulation</i> , 2021, , .	0.4	7
52	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.	1.1	6
53	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, 3126.	1.0	5
54	Comparison of Spinal Cord Stimulation vs. Dorsal Root Ganglion Stimulation vs. Association of Both in Patients with Refractory Chronic Back and/or Lower Limb Neuropathic Pain: An International, Prospective, Randomized, Double-Blinded, Crossover Trial (BOOST-DRG Study). <i>Medicina (Lithuania)</i> , 2022, 58, 7.	0.8	5

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55	Social Media and Chronic Pain: What Do Patients Discuss?. Journal of Personalized Medicine, 2022, 12, 797.	1.1	5
56	The influence of nociceptive and neuropathic pain states on the processing of acute electrical nociceptive stimulation: A dynamic causal modeling study. Brain Research, 2020, 1733, 146728.	1.1	4
57	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. Journal of Neurosurgery: Spine, 2021, 34, 440-448.	0.9	4
58	Spinal Cord Stimulationâ€“Naïve Patients vs Patients With Failed Previous Experiences With Standard Spinal Cord Stimulation: Two Distinct Entities or One Population?. Neuromodulation, 2023, 26, 157-163.	0.4	4
59	Does Spinal Cord Stimulation Really Influence Sleep?. Neuromodulation, 2019, 22, 311-316.	0.4	3
60	Detoxification of Neuromodulation Eligible Patients by a Standardized Protocol: A Retrospective Pilot Study. Neuromodulation, 2021, , .	0.4	3
61	Quantifying injury severity for traumatic brain injury with routinely collected health data. Injury, 2022, 53, 11-20.	0.7	3
62	Hospital at Home for Intrathecal Pump Refills: A Prospective Effectiveness, Safety and Feasibility Study. Journal of Clinical Medicine, 2021, 10, 5353.	1.0	3
63	The Association Between Bodily Functions and Cognitive/Emotional Factors in Patients With Chronic Pain Treated With Neuromodulation: A Systematic Review and Meta-Analyses. Neuromodulation, 2023, 26, 3-24.	0.4	3
64	Opinions of Health Care Providers About Neuromodulation for Pain: Results of an Online Survey at the 2nd Joint Congress of the International Neuromodulation Society European Chapters. Neuromodulation, 2022, , .	0.4	3
65	A new minimally invasive technique for lead revision of percutaneous paddle leads. Acta Neurochirurgica, 2018, 160, 831-833.	0.9	2
66	Machine Learning Algorithms Provide Greater Prediction of Response to SCS Than Lead Screening Trial: A Predictive AI-Based Multicenter Study. Journal of Clinical Medicine, 2021, 10, .	1.0	2
67	Re: Return to work following surgery for lumbarradiculopathyâ€“is there a need for postoperative rehabilitation?. Spine Journal, 2018, 18, 2376-2377.	0.6	1
68	Exhaled-Breath Testing Using an Electronic Nose during Spinal Cord Stimulation in Patients with Failed Back Surgery Syndrome: An Experimental Pilot Study. Journal of Clinical Medicine, 2021, 10, 2921.	1.0	1
69	Electrochemical Skin Conductance Alterations during Spinal Cord Stimulation: An Experimental Study. Journal of Clinical Medicine, 2021, 10, 3565.	1.0	1
70	Combining Cognitive Behavioral Therapy for Insomnia and Chronic Spinal Pain Within Physical Therapy: A Practical Guide for the Implementation of an Integrated Approach. Physical Therapy, 2022, 102, .	1.1	1
71	The Influence of Missing Data on Disabilities in Patients Treated with High-Dose Spinal Cord Stimulation: A Tipping Point Sensitivity Analysis. Journal of Clinical Medicine, 2021, 10, 4897.	1.0	0
72	Advances in Neuromodulation for Chronic Pain. Journal of Clinical Medicine, 2022, 11, 874.	1.0	0