

# Julian Taylor

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,379  
citations

394286

19  
h-index

377752

34  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pediatric health and life domain priorities: A national survey of people with spinal cord injury and their parents and caregivers. <i>Journal of Spinal Cord Medicine</i> , 2024, 47, 155-167.	0.7	1
2	Transcutaneous spinal cord stimulation combined with locomotor training to improve walking ability in people with chronic spinal cord injury: study protocol for an international multi-centred double-blinded randomised sham-controlled trial (eWALK). <i>Spinal Cord</i> , 2022, 60, 491-497.	0.9	3
3	Health and LifeDomain ResearchPriorities in Children, Adolescents and Young Adults With Pediatric-Onset Spinal Cord Injury: A National Cross-Sectional Survey in England. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2022, 28, 91-110.	0.8	1
4	Effectiveness of Unihemispheric Concurrent Dual-Site Stimulation over M1 and Dorsolateral Prefrontal Cortex Stimulation on Pain Processing: A Triple Blind Cross-Over Control Trial. <i>Brain Sciences</i> , 2021, 11, 188.	1.1	6
5	Efficacy of Anodal Suboccipital Direct Current Stimulation for Endogenous Pain Modulation and Tonic Thermal Pain Control in Healthy Participants: A Randomized Controlled Clinical Trial. <i>Pain Medicine</i> , 2021, 22, 2908-2917.	0.9	2
6	Effect of posture and body weight loading on spinal posterior root reflex responses. <i>European Journal of Neuroscience</i> , 2021, 54, 6575-6586.	1.2	4
7	Transcutaneous Spinal Cord Stimulation and Motor Rehabilitation in Spinal Cord Injury: A Systematic Review. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 3-12.	1.4	79
8	Transcutaneous Spinal Cord Stimulation Enhances Quadriceps Motor Evoked Potential in Healthy Participants: A Double-Blind Randomized Controlled Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3275.	1.0	11
9	Home-based rehabilitation using a soft robotic hand glove device leads to improvement in hand function in people with chronic spinal cord injury:a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 40.	2.4	26
10	20-kHz alternating current stimulation: effects on motor and somatosensory thresholds. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 22.	2.4	8
11	Spanish Version of the Whiplash Disability Questionnaire in Adults With Acute Whiplash-Associated Disorders. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2019, 42, 276-283.	0.4	2
12	Modulation of reciprocal inhibition at the wrist as a neurophysiological correlate of tremor suppression: a pilot healthy subject study. , 2019, 2019, 6267-6272.		9
13	Uro-Vaxom® versus placebo for the prevention of recurrent symptomatic urinary tract infections in participants with chronic neurogenic bladder dysfunction: a randomised controlled feasibility study. <i>Trials</i> , 2019, 20, 223.	0.7	14
14	Non-invasive spinal direct current stimulation for spasticity therapy following spinal cord injury: mechanistic insights contributing to long-term treatment effects. <i>Journal of Physiology</i> , 2019, 597, 2121-2122.	1.3	5
15	Soleus H-reflex modulation following transcutaneous high- and low-frequency spinal stimulation in healthy volunteers. <i>Journal of Electromyography and Kinesiology</i> , 2019, 46, 1-7.	0.7	6
16	Deficient Inhibitory Endogenous Pain Modulation Correlates With Periaqueductal Gray Matter Metabolites During Chronic Whiplash Injury. <i>Clinical Journal of Pain</i> , 2019, 35, 668-677.	0.8	17
17	Stigma and self-management: an Interpretative Phenomenological Analysis of the impact of chronic recurrent urinary tract infections after spinal cord injury. <i>Spinal Cord Series and Cases</i> , 2018, 4, 12.	0.3	19
18	Assessing sensorimotor excitability after spinal cord injury: a reflex testing method based on cycling with afferent stimulation. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 1425-1434.	1.6	3

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19	Peripheral Nerve Conduction Block by High-Frequency Alternating Currents: A Systematic Review. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1131-1140.	2.7	31
20	Effect of high-frequency alternating current transcutaneous stimulation over muscle strength: a controlled pilot study. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 103.	2.4	17
21	Afferent stimulation inhibits abnormal cutaneous reflex activity in patients with spinal cord injury spasticity syndrome. NeuroRehabilitation, 2018, 43, 135-146.	0.5	5
22	Afferent electrical stimulation during cycling improves spinal processing of sensorimotor function after incomplete spinal cord injury. NeuroRehabilitation, 2017, 40, 429-437.	0.5	10
23	The role of Omega-3 and Omega-9 fatty acids for the treatment of neuropathic pain after neurotrauma. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1629-1635.	1.4	37
24	Effect of Unmodulated 5-kHz Alternating Currents Versus Transcutaneous Electrical Nerve Stimulation on Mechanical and Thermal Pain, Tactile Threshold, and Peripheral Nerve Conduction: A Double-Blind, Placebo-Controlled Crossover Trial. Archives of Physical Medicine and Rehabilitation, 2017, 98, 888-895.	0.5	18
25	Longitudinal estimation of intramuscular Tibialis Anterior coherence during subacute spinal cord injury: relationship with neurophysiological, functional and clinical outcome measures. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 58.	2.4	13
26	Effectiveness of Automated Locomotor Training in Patients with Acute Incomplete Spinal Cord Injury: A Randomized, Controlled, Multicenter Trial. Journal of Neurotrauma, 2017, 34, 1891-1896.	1.7	23
27	Intensity matters: Therapist-dependent dose of spinal transcutaneous electrical nerve stimulation. PLoS ONE, 2017, 12, e0189734.	1.1	16
28	Cutaneomuscular Spinal Reflex Activity as a Biomarker of Motor Dysfunction and Neurorehabilitation After Incomplete Spinal Cord Injury. Biosystems and Biorobotics, 2017, , 1335-1339.	0.2	1
29	Treatment with albumin-hydroxyoleic acid complex restores sensorimotor function in rats with spinal cord injury: Efficacy and gene expression regulation. PLoS ONE, 2017, 12, e0189151.	1.1	7
30	Spinal cord compression injury in lysophosphatidic acid 1 receptor null mice promotes maladaptive pronociceptive descending control. European Journal of Pain, 2016, 20, 176-185.	1.4	2
31	Maintenance of cutaneomuscular neuronal excitability after leg-cycling predicts lower limb muscle strength after incomplete spinal cord injury. Clinical Neurophysiology, 2016, 127, 2402-2409.	0.7	7
32	Abnormal cutaneous flexor reflex activity during controlled isometric plantarflexion in human spinal cord injury spasticity syndrome. Spinal Cord, 2016, 54, 687-694.	0.9	10
33	Thoracic 9 Spinal Transection-Induced Model of Muscle Spasticity in the Rat: A Systematic Electrophysiological and Histopathological Characterization. PLoS ONE, 2015, 10, e0144642.	1.1	22
34	Oral 2-hydroxyoleic acid inhibits reflex hypersensitivity and open field-induced anxiety after spared nerve injury. European Journal of Pain, 2015, 19, 111-122.	1.4	21
35	Deficient conditioned pain modulation after spinal cord injury correlates with clinical spontaneous pain measures. Pain, 2015, 156, 260-272.	2.0	56
36	Early treatment with UR13870, a novel inhibitor of p38 mitogen-activated protein kinase, prevents hyperreflexia and anxiety behaviors, in the spared nerve injury model of neuropathic pain. Neuroscience Letters, 2015, 604, 69-74.	1.0	11

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37	Muscle Synergies in Cycling after Incomplete Spinal Cord Injury: Correlation with Clinical Measures of Motor Function and Spasticity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 706.	1.0	29
38	Shared muscle synergies in human walking and cycling. <i>Journal of Neurophysiology</i> , 2014, 112, 1984-1998.	0.9	119
39	Tibialis Anterior muscle coherence during controlled voluntary activation in patients with spinal cord injury: diagnostic potential for muscle strength, gait and spasticity. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 23.	2.4	19
40	Oral administration of the p38 $\hat{\pm}$ MAPK inhibitor, UR13870, inhibits affective pain behavior after spinal cord injury. <i>Pain</i> , 2014, 155, 2188-2198.	2.0	28
41	Longitudinal Estimation of Intramuscular Tibialis Anterior Coherence during Subacute Spinal Cord Injury: Relationship with Neurophysiological, Clinical and Functional Measures. <i>Biosystems and Biorobotics</i> , 2014, , 295-302.	0.2	1
42	Spinal cord injury induced changes of nuclear receptors PPAR $\hat{\pm}$ and LXR $\hat{\pm}$ and modulation with oleic acid/albumin treatment. <i>Brain Research</i> , 2013, 1535, 89-105.	1.1	12
43	Modulation of thermal somatosensory thresholds within local and remote spinal dermatomes following cervical repetitive magnetic stimulation. <i>Neuroscience Letters</i> , 2013, 555, 237-242.	1.0	16
44	Similarity of muscle synergies in human walking and cycling: Preliminary results. , 2013, 2013, 6933-6.		15
45	Impact of specific symptoms of spasticity on voluntary lower limb muscle function, gait and daily activities during subacute and chronic spinal cord injury. <i>NeuroRehabilitation</i> , 2013, 33, 531-543.	0.5	41
46	The Good, the Bad and the Ugly of Spinal Cord Injury Spasticity: Towards a Better Diagnosis and Targeted Treatment Strategy. <i>Biosystems and Biorobotics</i> , 2013, , 1083-1086.	0.2	0
47	Sensory function after cavernous haemangioma: a case report of thermal hypersensitivity at and below an incomplete spinal cord injury. <i>Spinal Cord</i> , 2012, 50, 711-715.	0.9	15
48	Neuropathic Pain Intensity, Unpleasantness, Coping Strategies, and Psychosocial Factors after Spinal Cord Injury: An Exploratory Longitudinal Study During the First Year. <i>Pain Medicine</i> , 2012, 13, 1457-1468.	0.9	21
49	Neural differentiation of transplanted neural stem cells in a rat model of striatal lacunar infarction: light and electron microscopic observations. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 30.	1.8	17
50	PND49 Initial Psychometric Properties of the Eurodolmed Questionnaire: A New Instrument to Measure Neuropathic Pain in Patients with Spinal Cord Injury (SCI) Based on Pain Intensity, Pain Interference and Pain Descriptors. <i>Value in Health</i> , 2011, 14, A326.	0.1	0
51	Effectiveness of automated locomotor training in patients with acute incomplete spinal cord injury: A randomized controlled multicenter trial. <i>BMC Neurology</i> , 2011, 11, 60.	0.8	33
52	Treatment of Rat Spinal Cord Injury with the Neurotrophic Factor Albumin-Oleic Acid: Translational Application for Paralysis, Spasticity and Pain. <i>PLoS ONE</i> , 2011, 6, e26107.	1.1	50
53	Spasticity therapy reacts to astrocyte GluA1 receptor upregulation following spinal cord injury. <i>British Journal of Pharmacology</i> , 2010, 161, 972-975.	2.7	8
54	Voluntary ankle flexor activity and adaptive coactivation gain is decreased by spasticity during subacute spinal cord injury. <i>Experimental Neurology</i> , 2010, 224, 507-516.	2.0	19

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55	Systematic Review and Meta-analysis of Cannabis Treatment for Chronic Pain. <i>Pain Medicine</i> , 2009, 10, 1353-1368.	0.9	182
56	Role of IL-15 in spinal cord and sciatic nerve after chronic constriction injury: regulation of macrophage and T-cell infiltration. <i>Journal of Neurochemistry</i> , 2008, 107, 1741-1752.	2.1	69
57	Transplantation of olfactory ensheathing cells fails to promote significant axonal regeneration from dorsal roots into the rat cervical cord. <i>Journal of Neurocytology</i> , 2003, 32, 53-70.	1.6	64
58	Effects of dorsolateral spinal lesions on stretch reflex threshold and stiffness in awake cats. <i>European Journal of Neuroscience</i> , 1999, 11, 363-368.	1.2	13
59	Metamizol potentiates morphine effects on visceral pain and evoked c-Fos immunoreactivity in spinal cord. <i>European Journal of Pharmacology</i> , 1998, 351, 39-47.	1.7	46
60	Rescue of motoneuron and muscle afferent function in cats by regeneration into skin. I. Properties of afferents. <i>Journal of Neurophysiology</i> , 1995, 73, 651-661.	0.9	20