Julian Taylor

List of Publications by Year
in descending order

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	Systematic Review and Meta-analysis of Cannabis Treatment for Chronic Pain. Pain Medicine, 2009, 10, 1353-1368.	0.9	182
2	Shared muscle synergies in human walking and cycling. Journal of Neurophysiology, 2014, 112, 1984-1998.	0.9	119
3	Transcutaneous Spinal Cord Stimulation and Motor Rehabilitation in Spinal Cord Injury: A Systematic Review. Neurorehabilitation and Neural Repair, 2020, 34, 3-12.	1.4	79
4	Role of ILâ€15 in spinal cord and sciatic nerve after chronic constriction injury: regulation of macrophage and Tâ€cell infiltration. Journal of Neurochemistry, 2008, 107, 1741-1752.	2.1	69
5	Transplantation of olfactory ensheathing cells fails to promote significant axonal regeneration from dorsal roots into the rat cervical cord. Journal of Neurocytology, 2003, 32, 53-70.	1.6	64
6	Deficient conditioned pain modulation after spinal cord injury correlates with clinical spontaneous pain measures. Pain, 2015, 156, 260-272.	2.0	56
7	Treatment of Rat Spinal Cord Injury with the Neurotrophic Factor Albumin-Oleic Acid: Translational Application for Paralysis, Spasticity and Pain. PLoS ONE, 2011, 6, e26107.	1.1	50
8	Metamizol potentiates morphine effects on visceral pain and evoked c-Fos immunoreactivity in spinal cord. European Journal of Pharmacology, 1998, 351, 39-47.	1.7	46
9	Impact of specific symptoms of spasticity on voluntary lower limb muscle function, gait and daily activities during subacute and chronic spinal cord injury. NeuroRehabilitation, 2013, 33, 531-543.	0.5	41
10	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
11	Effectiveness of automated locomotor training in patients with acute incomplete spinal cord injury: A randomized controlled multicenter trial. BMC Neurology, 2011, 11, 60.	0.8	33
12	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
13	Muscle Synergies in Cycling after Incomplete Spinal Cord Injury: Correlation with Clinical Measures of Motor Function and Spasticity. Frontiers in Human Neuroscience, 2015, 9, 706.	1.0	29
14	Oral administration of the p38Î± MAPK inhibitor, UR13870, inhibits affective pain behavior after spinal cord injury. Pain, 2014, 155, 2188-2198.	2.0	28
15	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. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 40.	2.4	26
16	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
17	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
18	Neuropathic Pain Intensity, Unpleasantness, Coping Strategies, and Psychosocial Factors after Spinal Cord Injury: An Exploratory Longitudinal Study During the First Year. Pain Medicine, 2012, 13, 1457-1468.	0.9	21

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19	Oral 2â€hydroxyoleic acid inhibits reflex hypersensitivity and openâ€“fieldâ€induced anxiety after spared nerve injury. European Journal of Pain, 2015, 19, 111-122.	1.4	21
20	Rescue of motoneuron and muscle afferent function in cats by regeneration into skin. I. Properties of afferents. Journal of Neurophysiology, 1995, 73, 651-661.	0.9	20
21	Voluntary ankle flexor activity and adaptive coactivation gain is decreased by spasticity during subacute spinal cord injury. Experimental Neurology, 2010, 224, 507-516.	2.0	19
22	Tibialis Anterior muscle coherence during controlled voluntary activation in patients with spinal cord injury: diagnostic potential for muscle strength, gait and spasticity. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 23.	2.4	19
23	Stigma and self-management: an Interpretative Phenomenological Analysis of the impact of chronic recurrent urinary tract infections after spinal cord injury. Spinal Cord Series and Cases, 2018, 4, 12.	0.3	19
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	Neural differentiation of transplanted neural stem cells in a rat model of striatal lacunar infarction: light and electron microscopic observations. Frontiers in Cellular Neuroscience, 2012, 6, 30.	1.8	17
26	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
27	Deficient Inhibitory Endogenous Pain Modulation Correlates With Periaqueductal Gray Matter Metabolites During Chronic Whiplash Injury. Clinical Journal of Pain, 2019, 35, 668-677.	0.8	17
28	Modulation of thermal somatosensory thresholds within local and remote spinal dermatomes following cervical repetitive magnetic stimulation. Neuroscience Letters, 2013, 555, 237-242.	1.0	16
29	Intensity matters: Therapist-dependent dose of spinal transcutaneous electrical nerve stimulation. PLoS ONE, 2017, 12, e0189734.	1.1	16
30	Sensory function after cavernous haemangioma: a case report of thermal hypersensitivity at and below an incomplete spinal cord injury. Spinal Cord, 2012, 50, 711-715.	0.9	15
31	Similarity of muscle synergies in human walking and cycling: Preliminary results. , 2013, 2013, 6933-6.		15
32	Uro-VaxomÂ® versus placebo for the prevention of recurrent symptomatic urinary tract infections in participants with chronic neurogenic bladder dysfunction: a randomised controlled feasibility study. Trials, 2019, 20, 223.	0.7	14
33	Effects of dorsolateral spinal lesions on stretch reflex threshold and stiffness in awake cats. European Journal of Neuroscience, 1999, 11, 363-368.	1.2	13
34	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
35	Spinal cord injury induced changes of nuclear receptors PPARÎ± and LXRÎ² and modulation with oleic acid/albumin treatment. Brain Research, 2013, 1535, 89-105.	1.1	12
36	Early treatment with UR13870, a novel inhibitor of p38Î± mitogenous 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	Transcutaneous Spinal Cord Stimulation Enhances Quadriceps Motor Evoked Potential in Healthy Participants: A Double-Blind Randomized Controlled Study. Journal of Clinical Medicine, 2020, 9, 3275.	1.0	11
38	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
39	Afferent electrical stimulation during cycling improves spinal processing of sensorimotor function after incomplete spinal cord injury. NeuroRehabilitation, 2017, 40, 429-437.	0.5	10
40	Modulation of reciprocal inhibition at the wrist as a neurophysiological correlate of tremor suppression: a pilot healthy subject study. , 2019, 2019, 6267-6272.		9
41	Spasticity therapy reacts to astrocyte GluA1 receptor upregulation following spinal cord injury. British Journal of Pharmacology, 2010, 161, 972-975.	2.7	8
42	20-kHz alternating current stimulation: effects on motor and somatosensory thresholds. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 22.	2.4	8
43	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
44	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
45	Soleus H-reflex modulation following transcutaneous high- and low-frequency spinal stimulation in healthy volunteers. Journal of Electromyography and Kinesiology, 2019, 46, 1-7.	0.7	6
46	Effectiveness of Unihemispheric Concurrent Dual-Site Stimulation over M1 and Dorsolateral Prefrontal Cortex Stimulation on Pain Processing: A Triple Blind Cross-Over Control Trial. Brain Sciences, 2021, 11, 188.	1.1	6
47	Afferent stimulation inhibits abnormal cutaneous reflex activity in patients with spinal cord injury spasticity syndrome. NeuroRehabilitation, 2018, 43, 135-146.	0.5	5
48	Nonâ€invasive spinal direct current simulation for spasticity therapy following spinal cord injury: mechanistic insights contributing to longâ€term treatment effects. Journal of Physiology, 2019, 597, 2121-2122.	1.3	5
49	Effect of posture and body weight loading on spinal posterior root reflex responses. European Journal of Neuroscience, 2021, 54, 6575-6586.	1.2	4
50	Assessing sensorimotor excitability after spinal cord injury: a reflex testing method based on cycling with afferent stimulation. Medical and Biological Engineering and Computing, 2018, 56, 1425-1434.	1.6	3
51	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). Spinal Cord, 2022, 60, 491-497.	0.9	3
52	Spinal cord compression injury in lysophosphatidic acid 1 receptorâ€null mice promotes maladaptive pronociceptive descending control. European Journal of Pain, 2016, 20, 176-185.	1.4	2
53	Spanish Version of the Whiplash Disability Questionnaire in Adults With Acute Whiplash-Associated Disorders. Journal of Manipulative and Physiological Therapeutics, 2019, 42, 276-283.	0.4	2
54	Efficacy of Anodal Suboccipital Direct Current Stimulation for Endogenous Pain Modulation and Tonic Thermal Pain Control in Healthy Participants: A Randomized Controlled Clinical Trial. Pain Medicine, 2021, 22, 2908-2917.	0.9	2

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55	Longitudinal Estimation of Intramuscular Tibialis Anterior Coherence during Subacute Spinal Cord Injury: Relationship with Neurophysiological, Clinical and Functional Measures. Biosystems and Biorobotics, 2014, , 295-302.	0.2	1
56	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
57	Health and LifeDomain ResearchPriorities in Children, Adolescents and Young Adults With Pediatric-Onset Spinal Cord Injury: A National Cross-Sectional Survey in England. Topics in Spinal Cord Injury Rehabilitation, 2022, 28, 91-110.	0.8	1
58	Pediatric health and life domain priorities: A national survey of people with spinal cord injury and their parents and caregivers. Journal of Spinal Cord Medicine, 2024, 47, 155-167.	0.7	1
59	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. Value in Health, 2011, 14, A326.	0.1	0
60	The Good, the Bad and the Ugly of Spinal Cord Injury Spasticity: Towards a Better Diagnosis and Targeted Treatment Strategy. Biosystems and Biorobotics, 2013, , 1083-1086.	0.2	0