

Peter Schwenkreis

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,708
citations

331670

21
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1878
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological Modulation of Perceptual Learning and Associated Cortical Reorganization. <i>Science</i> , 2003, 301, 91-94.	12.6	265
2	Voluntary driven exoskeleton as a new tool for rehabilitation in chronic spinal cord injury: a pilot study. <i>Spine Journal</i> , 2014, 14, 2847-2853.	1.3	190
3	Influence of the N-methyl-d-aspartate antagonist memantine on human motor cortex excitability. <i>Neuroscience Letters</i> , 1999, 270, 137-140.	2.1	154
4	Efficacy of the NMDA-receptor antagonist memantine in patients with chronic phantom limb pain – results of a randomized double-blinded, placebo-controlled trial. <i>Pain</i> , 2003, 103, 277-283.	4.2	122
5	HAL® exoskeleton training improves walking parameters and normalizes cortical excitability in primary somatosensory cortex in spinal cord injury patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 68.	4.6	94
6	Motor cortex activation by transcranial magnetic stimulation in ataxia patients depends on the genetic defect. <i>Brain</i> , 2002, 125, 301-309.	7.6	87
7	Cortical disinhibition occurs in chronic neuropathic, but not in chronic nociceptive pain. <i>BMC Neuroscience</i> , 2010, 11, 73.	1.9	79
8	Improvement of tactile perception and enhancement of cortical excitability through intermittent theta burst rTMS over human primary somatosensory cortex. <i>Experimental Brain Research</i> , 2007, 184, 1-11.	1.5	76
9	Combination of 5 Hz repetitive transcranial magnetic stimulation (rTMS) and tactile coactivation boosts tactile discrimination in humans. <i>Neuroscience Letters</i> , 2003, 348, 105-108.	2.1	72
10	Assessment of sensorimotor cortical representation asymmetries and motor skills in violin players. <i>European Journal of Neuroscience</i> , 2007, 26, 3291-3302.	2.6	71
11	Changes of cortical excitability in patients with upper limb amputation. <i>Neuroscience Letters</i> , 2000, 293, 143-146.	2.1	68
12	Assessment of reorganization in the sensorimotor cortex after upper limb amputation. <i>Clinical Neurophysiology</i> , 2001, 112, 627-635.	1.5	65
13	Hybrid Assistive Limb Exoskeleton HAL in the Rehabilitation of Chronic Spinal Cord Injury: Proof of Concept; the Results in 21 Patients. <i>World Neurosurgery</i> , 2018, 110, e73-e78.	1.3	60
14	Locomotion training using voluntary driven exoskeleton (HAL) in acute incomplete SCI. <i>Neurology</i> , 2014, 83, 474-474.	1.1	46
15	A Randomized and Controlled Crossover Study Investigating the Improvement of Walking and Posture Functions in Chronic Stroke Patients Using HAL Exoskeleton – The HALESTRO Study (HAL-Exoskeleton) TJ ETQq12180.784334 rgBT (DOI)		
16	Complex regional pain syndrome: more than a peripheral disease. <i>Pain Management</i> , 2013, 3, 495-502.	1.5	36
17	Functional Outcome of Neurologic-Controlled HAL-Exoskeletal Neurorehabilitation in Chronic Spinal Cord Injury: A Pilot With One Year Treatment and Variable Treatment Frequency. <i>Global Spine Journal</i> , 2017, 7, 735-743.	2.3	30
18	GABAergic mechanisms gate tactile discrimination learning. <i>NeuroReport</i> , 2003, 14, 1747-1751.	1.2	29

#	ARTICLE	IF	CITATIONS
19	Fluoxetine facilitates use-dependent excitability of human primary motor cortex. <i>Clinical Neurophysiology</i> , 2004, 115, 2157-2163.	1.5	29
20	The NMDA antagonist memantine affects training induced motor cortex plasticity--a study using transcranial magnetic stimulation. <i>BMC Neuroscience</i> , 2005, 6, 35.	1.9	29
21	Influence of parameter settings on paired-pulse-suppression in somatosensory evoked potentials: A systematic analysis. <i>Clinical Neurophysiology</i> , 2013, 124, 574-580.	1.5	24
22	Central mechanisms during fatiguing muscle exercise in muscular dystrophy and fibromyalgia syndrome: A study with transcranial magnetic stimulation. <i>Muscle and Nerve</i> , 2011, 43, 479-484.	2.2	23
23	Prospective observational cohort study on epidemiology, treatment and outcome of patients with traumatic brain injury (TBI) in German BG hospitals. <i>BMJ Open</i> , 2021, 11, e045771.	1.9	12
24	Synergistic effects of noradrenergic modulation with atomoxetine and 10ÂHz repetitive transcranial magnetic stimulation on motor learning in healthy humans. <i>BMC Neuroscience</i> , 2014, 15, 46.	1.9	8
25	Somatosensory dysfunction in patients with posttraumatic headache: A systematic review. <i>Cephalalgia</i> , 2022, 42, 73-81.	3.9	1