

Stephen Foldes

List of Publications by Year in descending order

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21
papers

1,231
citations

687363

13
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1696
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracortical microstimulation of human somatosensory cortex. <i>Science Translational Medicine</i> , 2016, 8, 361ra141.	12.4	547
2	Simulation of high-frequency sinusoidal electrical block of mammalian myelinated axons. <i>Journal of Computational Neuroscience</i> , 2007, 22, 313-326.	1.0	118
3	Human perception of electrical stimulation on the surface of somatosensory cortex. <i>PLoS ONE</i> , 2017, 12, e0176020.	2.5	101
4	Neuroprosthetic technology for individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 258-272.	1.4	64
5	Collaborative Approach in the Development of High-Performance Brain-Computer Interfaces for a Neuroprosthetic Arm: Translation from Animal Models to Human Control. <i>Clinical and Translational Science</i> , 2014, 7, 52-59.	3.1	55
6	Correlating Resting-State Functional Magnetic Resonance Imaging Connectivity by Independent Component Analysis-Based Epileptogenic Zones with Intracranial Electroencephalogram Localized Seizure Onset Zones and Surgical Outcomes in Prospective Pediatric Intractable Epilepsy Study. <i>Brain Connectivity</i> , 2017, 7, 424-442.	1.7	53
7	Subcentimeter epilepsy surgery targets by resting state functional magnetic resonance imaging can improve outcomes in hypothalamic hamartoma. <i>Epilepsia</i> , 2018, 59, 2284-2295.	5.1	50
8	MEG-based neurofeedback for hand rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 85.	4.6	38
9	Brain computer interface learning for systems based on electrocorticography and intracortical microelectrode arrays. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 40.	2.1	38
10	Remapping cortical modulation for electrocorticographic brain-computer interfaces: a somatotopy-based approach in individuals with upper-limb paralysis. <i>Journal of Neural Engineering</i> , 2018, 15, 026021.	3.5	38
11	Language lateralization with resting-state and task-based functional MRI in pediatric epilepsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 171-177.	1.3	22
12	Clinical trials for pediatric traumatic brain injury: definition of insanity?. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 661-669.	1.3	22
13	Altered modulation of sensorimotor rhythms with chronic paralysis. <i>Journal of Neurophysiology</i> , 2017, 118, 2412-2420.	1.8	15
14	Discreet Discrete Commands for Assistive and Neuroprosthetic Devices. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2010, 18, 236-244.	4.9	13
15	Speaking and cognitive distractions during EEG-based brain control of a virtual neuroprosthesis-arm. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 116.	4.6	12
16	Offline comparison of spatial filters for two-dimensional movement control with noninvasive field potentials. <i>Journal of Neural Engineering</i> , 2011, 8, 046022.	3.5	11
17	Stability of MEG for real-time neurofeedback. , 2011, 2011, 5778-81.		11
18	EEG-based functional connectivity to analyze motor recovery after stroke: A pilot study. <i>Biomedical Signal Processing and Control</i> , 2019, 49, 419-426.	5.7	11

#	ARTICLE	IF	CITATIONS
19	fMRI in alert, behaving monkeys: An adaptation of the human infant familiarization novelty preference procedure. <i>Journal of Neuroscience Methods</i> , 2006, 157, 10-24.	2.5	7
20	Decoding Brain States Based on Magnetoencephalography From Prespecified Cortical Regions. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 30-42.	4.2	5
21	183â€fMEG Identification of Reduced Functional Connectivity Following Concussion. <i>Neurosurgery</i> , 2015, 62, 227.	1.1	0