

Jan T Hachmann

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

305
citations

1039880

9
h-index

1372474

10
g-index

13
all docs

13
docs citations

13
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	A neurochemical closed-loop controller for deep brain stimulation: toward individualized smart neuromodulation therapies. <i>Frontiers in Neuroscience</i> , 2014, 8, 169.	1.4	115
2	Restoration of motor function following spinal cord injury via optimal control of intraspinal microstimulation: toward a next generation closed-loop neural prosthesis. <i>Frontiers in Neuroscience</i> , 2014, 8, 296.	1.4	43
3	Large Animal Model for Development of Functional Restoration Paradigms Using Epidural and Intraspinal Stimulation. <i>PLoS ONE</i> , 2013, 8, e81443.	1.1	35
4	Electrical Neuromodulation of the Respiratory System After Spinal Cord Injury. <i>Mayo Clinic Proceedings</i> , 2017, 92, 1401-1414.	1.4	35
5	Epidural spinal cord stimulation as an intervention for motor recovery after motor complete spinal cord injury. <i>Journal of Neurophysiology</i> , 2021, 126, 1843-1859.	0.9	26
6	Review of Epidural Spinal Cord Stimulation for Augmenting Cough after Spinal Cord Injury. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 144.	1.0	13
7	Optical Stimulation for Restoration of Motor Function After Spinal Cord Injury. <i>Mayo Clinic Proceedings</i> , 2015, 90, 300-307.	1.4	12
8	Wireless control of intraspinal microstimulation in a rodent model of paralysis. <i>Journal of Neurosurgery</i> , 2015, 123, 232-242.	0.9	11
9	Resting-state functional connectivity modulates the BOLD activation induced by nucleus accumbens stimulation in the swine brain. <i>Brain and Behavior</i> , 2019, 9, e01431.	1.0	11
10	Malignant ossifying fibromyxoid tumor of the calvaria: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.1	3
11	Wireless intraoperative real-time monitoring of neurotransmitters in humans. , 2017, , .		1
12	Chapter 16 Functional Electrical Stimulation for the Treatment of Spinal Cord Injury. , 2016, , 283-310.		0
13	Abstract 1909: Identification and characterization of microRNA-134 as a novel receptor tyrosine kinase-regulated tumor suppressive hub in glioblastoma. , 2014, , .		0