

J Adam Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,069
citations

516710

16
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	ECoG factors underlying multimodal control of a brain-computer interface. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2006, 14, 246-250.	4.9	198
2	A practical procedure for real-time functional mapping of eloquent cortex using electrocorticographic signals in humans. <i>Epilepsy and Behavior</i> , 2009, 15, 278-286.	1.7	140
3	Electrocorticographically controlled brain-computer interfaces using motor and sensory imagery in patients with temporary subdural electrode implants. <i>Journal of Neurosurgery</i> , 2007, 106, 495-500.	1.6	139
4	Spreading depression in continuous electroencephalography of brain trauma. <i>Annals of Neurology</i> , 2014, 76, 681-694.	5.3	101
5	Prognostic Value of Spreading Depolarizations in Patients With Severe Traumatic Brain Injury. <i>JAMA Neurology</i> , 2020, 77, 489.	9.0	78
6	Excitotoxicity and Metabolic Crisis Are Associated with Spreading Depolarizations in Severe Traumatic Brain Injury Patients. <i>Journal of Neurotrauma</i> , 2016, 33, 1775-1783.	3.4	67
7	Direct current electrocorticography for clinical neuromonitoring of spreading depolarizations. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1857-1870.	4.3	52
8	Lingual electrotactile stimulation as an alternative sensory feedback pathway for brain-computer interface applications. <i>Journal of Neural Engineering</i> , 2012, 9, 045007.	3.5	38
9	Massively Parallel Signal Processing Using the Graphics Processing Unit for Real-Time Brain-Computer Interface Feature Extraction. <i>Frontiers in Neuroengineering</i> , 2009, 2, 11.	4.8	37
10	Presurgical language localization with visual naming associated ECoG high-gamma modulation in pediatric drug-resistant epilepsy. <i>Epilepsia</i> , 2017, 58, 663-673.	5.1	34
11	A Procedure for Measuring Latencies in Brain-Computer Interfaces. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 1785-1797.	4.2	33
12	Electrocorticographic language mapping in children by high-gamma synchronization during spontaneous conversation: Comparison with conventional electrical cortical stimulation. <i>Epilepsy Research</i> , 2015, 110, 78-87.	1.6	32
13	Using an EEG-Based Brain-Computer Interface for Virtual Cursor Movement with BCI2000. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	28
14	Electrocorticographic high-gamma modulation with passive listening paradigm for pediatric extraoperative language mapping. <i>Epilepsia</i> , 2018, 59, 792-801.	5.1	25
15	Full-Band Electrocorticography of Spreading Depolarizations in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Acta Neurochirurgica Supplementum</i> , 2013, 115, 131-141.	1.0	23
16	Neuropsychological outcomes after resection of cortical sites with visual naming associated electrocorticographic high-gamma modulation. <i>Epilepsy Research</i> , 2019, 151, 17-23.	1.6	18
17	Development of information sharing in language neocortex in childhood-onset drug-resistant epilepsy. <i>Epilepsia</i> , 2019, 60, 393-405.	5.1	9
18	COSBID-M3: A Platform for Multimodal Monitoring, Data Collection, and Research in Neurocritical Care. , 2013, 115, 67-74.		8

#	ARTICLE	IF	CITATIONS
19	Electrocorticogram-Controlled Brain-Computer Interfaces in Patients with Temporary Subdural Electrode Implants. <i>Neurosurgery</i> , 2005, 57, 425-425.	1.1	4
20	Using general-purpose graphic processing units for BCI systems. , 2011, 2011, 4625-8.		2
21	Real-Time Mapping of Natural Speech in Children with Drug-Resistant Epilepsy. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2015, , 9-17.	0.5	2
22	Software for biomedical engineering signal processing laboratory experiments. , 2009, 2009, 2008-10.		1