

Asif Rahman

List of Publications by Year in descending order

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16
papers

2,368
citations

623574

14
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

2510
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Intensity Electrical Stimulation Affects Network Dynamics by Modulating Population Rate and Spike Timing. <i>Journal of Neuroscience</i> , 2010, 30, 15067-15079.	1.7	465
2	Cellular effects of acute direct current stimulation: somatic and synaptic terminal effects. <i>Journal of Physiology</i> , 2013, 591, 2563-2578.	1.3	456
3	Origins of specificity during tDCS: anatomical, activity-selective, and input-bias mechanisms. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 688.	1.0	297
4	Animal models of transcranial direct current stimulation: Methods and mechanisms. <i>Clinical Neurophysiology</i> , 2016, 127, 3425-3454.	0.7	224
5	Direct Current Stimulation Alters Neuronal Input/Output Function. <i>Brain Stimulation</i> , 2017, 10, 36-45.	0.7	107
6	The reliability of repeated TMS measures in older adults and in patients with subacute and chronic stroke. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 335.	1.8	104
7	Direct current stimulation boosts hebbian plasticity in <i>in vitro</i> . <i>Brain Stimulation</i> , 2020, 13, 287-301.	0.7	103
8	The "Quasi-Uniform" Assumption in Animal and Computational Models of Non-Invasive Electrical Stimulation. <i>Brain Stimulation</i> , 2013, 6, 704-705.	0.7	69
9	Direct current stimulation boosts synaptic gain and cooperativity <i>in vitro</i> . <i>Journal of Physiology</i> , 2017, 595, 3535-3547.	1.3	62
10	Clinician Accessible Tools for GUI Computational Models of Transcranial Electrical Stimulation: BONSAI and SPHERES. <i>Brain Stimulation</i> , 2014, 7, 521-524.	0.7	52
11	Modeling sequence and quasi-uniform assumption in computational neurostimulation. <i>Progress in Brain Research</i> , 2015, 222, 1-23.	0.9	51
12	Multilevel computational models for predicting the cellular effects of noninvasive brain stimulation. <i>Progress in Brain Research</i> , 2015, 222, 25-40.	0.9	49
13	Polarizing cerebellar neurons with transcranial Direct Current Stimulation. <i>Clinical Neurophysiology</i> , 2014, 125, 435-438.	0.7	45
14	Methods for Specific Electrode Resistance Measurement During Transcranial Direct Current Stimulation. <i>Brain Stimulation</i> , 2015, 8, 150-159.	0.7	13
15	Cellular and Network Effects of Transcranial Direct Current Stimulation. <i>Frontiers in Neuroscience</i> , 2012, , 55-91.	0.0	12
16	Early prediction of hemodynamic interventions in the intensive care unit using machine learning. <i>Critical Care</i> , 2021, 25, 388.	2.5	11