Abed Khorasani

List of Publications by Year
in descending order

13 papers	256 citations	1040056 9 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	372 citing authors

#	Article	IF	Citations
1	Automated lever task with minimum antigravity movement for rats with cervical spinal cord injury. Journal of Neuroscience Methods, 2022, 366, 109433.	2.5	2
2	Brain-Computer-Spinal Interface Restores Upper Limb Function After Spinal Cord Injury. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1233-1242.	4.9	17
3	Combining Generalized Eigenvalue Decomposing with Laplacian Filtering to Improve Cortical Decoding Performance. , 2021, , .		0
4	State-Based Decoding of Force Signals From Multi-Channel Local Field Potentials. IEEE Access, 2020, 8, 159089-159099.	4.2	12
5	NeuralCLIP: A Modular FPGA-Based Neural Interface for Closed-Loop Operation. , 2019, , .		3
6	Adaptive Artifact Removal From Intracortical Channels for Accurate Decoding of a Force Signal in Freely Moving Rats. Frontiers in Neuroscience, 2019, 13, 350.	2.8	13
7	Brain Control of an External Device by Extracting the Highest Force-Related Contents of Local Field Potentials in Freely Moving Rats. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 18-25.	4.9	13
8	Ultra-Capacitive Carbon Neural Probe Allows Simultaneous Long-Term Electrical Stimulations and High-Resolution Neurotransmitter Detection. Scientific Reports, 2018, 8, 6958.	3.3	56
9	Minimum Noise Estimate Filter: A Novel Automated Artifacts Removal Method for Field Potentials. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1143-1152.	4.9	24
10	Recognition of amyotrophic lateral sclerosis disease using factorial hidden Markov model. Biomedizinische Technik, 2016, 61, 119-126.	0.8	13
11	Continuous Force Decoding from Local Field Potentials of the Primary Motor Cortex in Freely Moving Rats. Scientific Reports, 2016, 6, 35238.	3.3	38
12	HMM for Classification of Parkinson’s Disease Based on the Raw Gait Data. Journal of Medical Systems, 2014, 38, 147.	3.6	64
13	Estimation of neural firing rate: the wavelet density estimation approach. Biomedizinische Technik, 2013, 58, 377-86.	0.8	1