

Abed Khorasani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/447093/publications.pdf>

Version: 2024-02-01

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	HMM for Classification of Parkinson's Disease Based on the Raw Gait Data. Journal of Medical Systems, 2014, 38, 147.	3.6	64
2	Ultra-Capacitive Carbon Neural Probe Allows Simultaneous Long-Term Electrical Stimulations and High-Resolution Neurotransmitter Detection. Scientific Reports, 2018, 8, 6958.	3.3	56
3	Continuous Force Decoding from Local Field Potentials of the Primary Motor Cortex in Freely Moving Rats. Scientific Reports, 2016, 6, 35238.	3.3	38
4	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
5	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
6	Recognition of amyotrophic lateral sclerosis disease using factorial hidden Markov model. Biomedizinische Technik, 2016, 61, 119-126.	0.8	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	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
9	State-Based Decoding of Force Signals From Multi-Channel Local Field Potentials. IEEE Access, 2020, 8, 159089-159099.	4.2	12
10	NeuralCLIP: A Modular FPGA-Based Neural Interface for Closed-Loop Operation. , 2019, , .		3
11	Automated lever task with minimum antigravity movement for rats with cervical spinal cord injury. Journal of Neuroscience Methods, 2022, 366, 109433.	2.5	2
12	Estimation of neural firing rate: the wavelet density estimation approach. Biomedizinische Technik, 2013, 58, 377-86.	0.8	1
13	Combining Generalized Eigenvalue Decomposing with Laplacian Filtering to Improve Cortical Decoding Performance. , 2021, , .		0