Shaoyu Qiao

List of Publications by Year
in descending order

11 papers	162 citations	1478505 6 h-index	1720034 7 g-index
13 all docs	13 docs citations	13 times ranked	218 citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and prediction of the dynamic responses of large-scale brain networks during direct electrical stimulation. Nature Biomedical Engineering, 2021, 5, 324-345.	22.5	87
2	Influence of unit distance and conduction velocity on the spectra of extracellular action potentials recorded with intrafascicular electrodes. Medical Engineering and Physics, 2013, 35, 116-124.	1.7	14
3	A Causal Network Analysis of Neuromodulation in the Mood Processing Network. Neuron, 2020, 107, 972-985.e6.	8.1	14
4	Determination of electrode to nerve fiber distance and nerve conduction velocity through spectral analysis of the extracellular action potentials recorded from earthworm giant fibers. Medical and Biological Engineering and Computing, 2012, 50, 867-875.	2.8	11
5	Stationary wavelet transform and higher order statistical analyses of intrafascicular nerve recordings. Journal of Neural Engineering, 2012, 9, 056014.	3.5	8
6	Estimation of the Electrode-Fiber Bioelectrical Coupling From Extracellularly Recorded Single Fiber Action Potentials. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 951-960.	4.9	8
7	Development of semi-chronic microdrive system for large-scale circuit mapping in macaque mesolimbic and basal ganglia systems. , 2016, 2016, 5825-5828.		7
8	Multiregional communication and the channel modulation hypothesis. Current Opinion in Neurobiology, 2021, 66, 250-257.	4.2	7
9	A Modular Implant System for Multimodal Recording and Manipulation of the Primate Brain. , 2018, 2018, 3362-3365.		5
10	Effect of the nerve fiber path eccentricity on the single fiber action potential. , 2013, , .		0
11	Identification of spectral landmarks on the single fiber action potential waveform for unit tracking. , 2013, , .		0