

Chai Guohong

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

373
citations

1478505

6
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	A soft neuroprosthetic hand providing simultaneous myoelectric control and tactile feedback. <i>Nature Biomedical Engineering</i> , 2023, 7, 589-598.	22.5	169
2	Towards optimizing the non-invasive sensory feedback interfaces in a neural prosthetic control. <i>Journal of Neural Engineering</i> , 2022, 19, 016028.	3.5	6
3	Assessing differential representation of hand movements in multiple domains using stereo-electroencephalographic recordings. <i>NeuroImage</i> , 2022, 250, 118969.	4.2	12
4	Electrotactile Feedback Improves Grip Force Control and Enables Object Stiffness Recognition While Using a Myoelectric Hand. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1310-1320.	4.9	8
5	Self-Related Stimuli Decoding With Auditory and Visual Modalities Using Stereo-Electroencephalography. <i>Frontiers in Neuroscience</i> , 2021, 15, 653965.	2.8	2
6	A programmable, multichannel, miniature stimulator for electrotactile feedback of neural hand prostheses. , 2021, , .		2
7	Detection of human white matter activation and evaluation of its function in movement decoding using stereo-electroencephalography (SEEG). <i>Journal of Neural Engineering</i> , 2021, 18, 0460c6.	3.5	13
8	Evaluating User and Machine Learning in Short- and Long-Term Pattern Recognition-Based Myoelectric Control. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 777-785.	4.9	3
9	Electrical stimulation-induced SSSEP as an objective index to evaluate the difference of tactile acuity between the left and right hand. <i>Journal of Neural Engineering</i> , 2020, 17, 016053.	3.5	11
10	Contra-lateral desynchronized alpha oscillations linearly correlate with discrimination performance of tactile acuity. <i>Journal of Neural Engineering</i> , 2020, 17, 046041.	3.5	12
11	Electrical stimulation-induced SSSEP as an objective index for the evaluation of sensory ability. , 2019, , .		0
12	Developing Non-Somatotopic Phantom Finger Sensation to Comparable Levels of Somatotopic Sensation through User Training With Electrotactile Stimulation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 469-480.	4.9	40
13	Characterization of evoked tactile sensation in forearm amputees with transcutaneous electrical nerve stimulation. <i>Journal of Neural Engineering</i> , 2015, 12, 066002.	3.5	88
14	Perceptual attributes of cutaneous electrical stimulation to provide sensory information for prosthetic limb. , 2013, , .		6