Chai Guohong

List of Publications by Year
in descending order

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