Stefan K Ehrlich

List of Publications by Year
in descending order

11 papers	**210** citations	1684188 **5** h-index
11 all docs	**11** docs citations	**11** times ranked

1872680 **6** g-index

197 citing authors

#	Article	IF	Citations
1	Demonstrating the Viability of Mapping Deep Learning Based EEG Decoders to Spiking Networks on Low-powered Neuromorphic Chips. , 2021, 2021, 6102-6105.		0
2	A Comparative Pilot Study on ErrPs for Different Usage Conditions of an Exoskeleton with a Mobile EEG Device. , 2021, 2021, 6203-6206.		1
3	Calibration-Free Error-Related Potential Decoding With Adaptive Subject-Independent Models: A Comparative Study. IEEE Transactions on Medical Robotics and Bionics, 2020, 2, 399-409.	3.2	6
4	Neuroengineering challenges of fusing robotics and neuroscience. Science Robotics, 2020, 5, .	17.6	36
5	A closed-loop, music-based brain-computer interface for emotion mediation. PLoS ONE, 2019, 14, e0213516.	2.5	40
6	A prototype of a P300 based brain-robot interface to enable multi-modal interaction for patients with limited mobility. , 2019, , .		3
7	A comparative study on adaptive subject-independent classification models for zero-calibration error-potential decoding. , 2019, , .		3
8	A computational model of human decision making and learning for assessment of co-adaptation in neuro-adaptive human-robot interaction. , 2019, , .		6
9	A Feasibility Study for Validating Robot Actions Using EEG-Based Error-Related Potentials. International Journal of Social Robotics, 2019, 11, 271-283.	4.6	39
10	Human-agent co-adaptation using error-related potentials. Journal of Neural Engineering, 2018, 15, 066014.	3.5	56
11	Effects of short-term piano training on measures of finger tapping, somatosensory perception and motor-related brain activity in patients with cerebral palsy. Neuropsychiatric Disease and Treatment, 2017, Volume 13, 2705-2718.	2.2	20