Peter Lin

List of Publications by Year in descending order

16 papers	1,130 citations	623734 14 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	1411 citing authors

#	Article	IF	Citations
1	Classifying EEG signals preceding right hand, left hand, tongue, and right foot movements and motor imageries. Clinical Neurophysiology, 2008, 119, 2570-2578.	1.5	176
2	Prediction of human voluntary movement before it occurs. Clinical Neurophysiology, 2011, 122, 364-372.	1.5	156
3	A high performance sensorimotor beta rhythm-based brainâ€“computer interface associated with human natural motor behavior. Journal of Neural Engineering, 2008, 5, 24-35.	3.5	124
4	Exploration of computational methods for classification of movement intention during human voluntary movement from single trial EEG. Clinical Neurophysiology, 2007, 118, 2637-2655.	1.5	107
5	Disordered plasticity in the primary somatosensory cortex in focal hand dystonia. Brain, 2009, 132, 749-755.	7.6	94
6	Impaired intracortical inhibition in the primary somatosensory cortex in focal hand dystonia. Movement Disorders, 2008, 23, 558-565.	3.9	90
7	Towards a user-friendly brainâ€“computer interface: Initial tests in ALS and PLS patients. Clinical Neurophysiology, 2010, 121, 1293-1303.	1.5	71
8	Reorganization of brain functional smallâ€world networks during finger movements. Human Brain Mapping, 2012, 33, 861-872.	3.6	62
9	Linear and nonlinear information flow based on time-delayed mutual information method and its application to corticomuscular interaction. Clinical Neurophysiology, 2010, 121, 392-401.	1.5	61
10	Decoding human motor activity from EEG single trials for a discrete two-dimensional cursor control. Journal of Neural Engineering, 2009, 6, 046005.	3.5	55
11	Abnormal functional connectivity in focal hand dystonia: Mutual information analysis in EEG. Movement Disorders, 2011, 26, 1274-1281.	3.9	50
12	Abnormal Reorganization of Functional Cortical Small-World Networks in Focal Hand Dystonia. PLoS ONE, 2011, 6, e28682.	2.5	36
13	A binary method for simple and accurate two-dimensional cursor control from EEG with minimal subject training. Journal of NeuroEngineering and Rehabilitation, 2009, 6, 14.	4.6	26
14	Spatial detection of multiple movement intentions from SAM-filtered single-trial MEG signals. Clinical Neurophysiology, 2009, 120, 1978-1987.	1.5	17
15	EEG-based online two-dimensional cursor control. , 2009, 2009, 4547-50.		4
16	Single trial detection of human movement intentions from SAM-filtered MEG signals for a high performance two-dimensional BCI. , 2009, 2009, 524-7.		1