Chun-Chuan Chen

List of Publications by Year
in descending order

18	470	933447 10	1058476 14
papers	citations	h-index	g-index

18	18	18	727
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic causal modeling for EEG and MEG. Human Brain Mapping, 2009, 30, 1866-1876.	3.6	186
2	A dynamic causal model for evoked and induced responses. NeuroImage, 2012, 59, 340-348.	4.2	56
3	Nonlinear Coupling in the Human Motor System. Journal of Neuroscience, 2010, 30, 8393-8399.	3.6	50
4	An EEG-Based Attentiveness Recognition System Using Hilbertâ€“Huang Transform and Support Vector Machine. Journal of Medical and Biological Engineering, 2020, 40, 230-238.	1.8	28
5	EEG-based motor network biomarkers for identifying target patients with stroke for upper limb rehabilitation and its construct validity. PLoS ONE, 2017, 12, e0178822.	2.5	21
6	An Intelligent Virtual-Reality System With Multi-Model Sensing for Cue-Elicited Craving in Patients With Methamphetamine Use Disorder. IEEE Transactions on Biomedical Engineering, 2021, 68, 2270-2280.	4.2	21
7	Neuronal Correlates of a Virtual-Reality-Based Passive Sensory P300 Network. PLoS ONE, 2014, 9, e112228.	2.5	19
8	Synchrony Between Default-Mode and Sensorimotor Networks Facilitates Motor Function in Stroke Rehabilitation: A Pilot fMRI Study. Frontiers in Neuroscience, 2020, 14, 548.	2.8	17
9	Propionic acid produced by Cutibacterium acnes fermentation ameliorates ultraviolet B-induced melanin synthesis. Scientific Reports, 2021, 11, 11980.	3.3	17
10	A Machine-Learning-Based Assessment Method for Early-Stage Neurocognitive Impairment by an Immersive Virtual Supermarket. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2124-2132.	4.9	17
11	Distinguishing the Visual Working Memory Training and Practice Effects by the Effective Connectivity During n-back Tasks: A DCM of ERP Study. Frontiers in Behavioral Neuroscience, 2019, 13, 84.	2.0	15
12	Accelerating Computation of DCM for ERP in MATLAB by External Function Calls to the GPU. PLoS ONE, 2013, 8, e66599.	2.5	9
13	The changes of improvement-related motor kinetics after virtual reality based rehabilitation. , 2017, , .		6
14	Neuronal Abnormalities Induced by an Intelligent Virtual Reality System for Methamphetamine Use Disorder. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3458-3465.	6.3	6
15	Low-frequency oscillations in cortical level to help diagnose task-specific dystonia. Neurobiology of Disease, 2021, 157, 105444.	4.4	2
16	Accelerating Computation of DCM for ERP with GPU-Based Parallel Strategy. , 2012, , .		0
17	The Movement-Related Cortical Activities under the Virtual Environment with Force Feedback. , 2015, , .		0
18	A guideline to determine the training sample size when applying big data mining methods in clinical decision making. , 2018, , .		0