Chun-Chuan Chen

List of Publications by Year
in descending order

18 papers	470 citations	933447 10 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	727 citing authors

#	Article	IF	Citations
1	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
2	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
3	Propionic acid produced by Cutibacterium acnes fermentation ameliorates ultraviolet B-induced melanin synthesis. Scientific Reports, 2021, 11, 11980.	3.3	17
4	Low-frequency oscillations in cortical level to help diagnose task-specific dystonia. Neurobiology of Disease, 2021, 157, 105444.	4.4	2
5	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
6	An EEG-Based Attentiveness Recognition System Using Hilbert–Huang Transform and Support Vector Machine. Journal of Medical and Biological Engineering, 2020, 40, 230-238.	1.8	28
7	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
8	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
9	A guideline to determine the training sample size when applying big data mining methods in clinical decision making. , 2018, , .		0
10	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
11	The changes of improvement-related motor kinetics after virtual reality based rehabilitation. , 2017, , .		6
12	The Movement-Related Cortical Activities under the Virtual Environment with Force Feedback. , 2015, , .		0
13	Neuronal Correlates of a Virtual-Reality-Based Passive Sensory P300 Network. PLoS ONE, 2014, 9, e112228.	2.5	19
14	Accelerating Computation of DCM for ERP in MATLAB by External Function Calls to the GPU. PLoS ONE, 2013, 8, e66599.	2.5	9
15	Accelerating Computation of DCM for ERP with GPU-Based Parallel Strategy. , 2012, , .		0
16	A dynamic causal model for evoked and induced responses. NeuroImage, 2012, 59, 340-348.	4.2	56
17	Nonlinear Coupling in the Human Motor System. Journal of Neuroscience, 2010, 30, 8393-8399.	3.6	50
18	Dynamic causal modeling for EEG and MEG. Human Brain Mapping, 2009, 30, 1866-1876.	3.6	186