Wei Chun Ung

List of Publications by Year
in descending order

8 papers	**121** citations	1684188 **5** h-index	1720034 **7** g-index
8 all docs	**8** docs citations	**8** times ranked	**147** citing authors

#	Article	IF	Citations
1	Optimizing Mental Workload Estimation by Detecting Baseline State Using Vector Phase Analysis Approach. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 597-606.	4.9	4
2	Assessing Neural Compensation With Visuospatial Working Memory Load Using Near-Infrared Imaging. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 13-22.	4.9	9
3	A Unified Analytical Framework With Multiple fNIRS Features for Mental Workload Assessment in the Prefrontal Cortex. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2367-2376.	4.9	17
4	Automated Thresholding Method for fNIRS-Based Functional Connectivity Analysis: Validation With a Case Study on Alzheimer's Disease. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1691-1701.	4.9	10
5	Functional Near-Infrared Spectroscopy Adaptive Cognitive Training System (FACTS) for Cognitive Underload and Overload Prevention: A Feasibility Study. IEEE Access, 2020, 8, 172939-172950.	4.2	3
6	Effectiveness Evaluation of Real-Time Scalp Signal Separating Algorithm on Near-Infrared Spectroscopy Neurofeedback. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1148-1156.	6.3	17
7	Optimizing Mental Workload by Functional Near-Infrared Spectroscopy Based Dynamic Difficulty Adjustment. , 2018, 2018, 1522-1525.		4
8	Visualizing Hyperactivation in Neurodegeneration Based on Prefrontal Oxygenation: A Comparative Study of Mild Alzheimer's Disease, Mild Cognitive Impairment, and Healthy Controls. Frontiers in Aging Neuroscience, 2017, 9, 287.	3.4	57