

Wei Chun Ung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1643586/publications.pdf>

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