

Kuan-Chih Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1005541/publications.pdf>

Version: 2024-02-01

18
papers

328
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Tonic and phasic EEG and behavioral changes induced by arousing feedback. <i>NeuroImage</i> , 2010, 52, 633-642.	4.2	131
2	An EEG-Based Fatigue Detection and Mitigation System. <i>International Journal of Neural Systems</i> , 2016, 26, 1650018.	5.2	61
3	Can arousing feedback rectify lapses in driving? Prediction from EEG power spectra. <i>Journal of Neural Engineering</i> , 2013, 10, 056024.	3.5	33
4	Developing an EEG-based on-line closed-loop lapse detection and mitigation system. <i>Frontiers in Neuroscience</i> , 2014, 8, 321.	2.8	31
5	Photonic Crystal Surface Emitting Lasers with Naturally Formed Periodic ITO Structures. <i>ACS Photonics</i> , 2019, 6, 684-690.	6.6	15
6	The effects of different fatigue levels on brain-behavior relationships in driving. <i>Brain and Behavior</i> , 2019, 9, e01379.	2.2	11
7	Cell-phone based Drowsiness Monitoring and Management system. , 2012, , .		8
8	Preventing lapse in performance using a drowsiness monitoring and management system. , 2012, 2012, 3336-9.		7
9	Vertically integrated diffractive gratings on photonic crystal surface emitting lasers. <i>Scientific Reports</i> , 2021, 11, 2427.	3.3	7
10	The Impact of Vigorous Cycling Exercise on Visual Attention: A Study With the BR8 Wireless Dry EEG System. <i>Frontiers in Neuroscience</i> , 2021, 15, 621365.	2.8	6
11	Comparing the Differences in Brain Activities and Neural Comodulations Associated With Motion Sickness Between Drivers and Passengers. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1259-1267.	4.9	6
12	Effects of Multisensory Distractor Interference on Attentional Driving. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 10395-10403.	8.0	4
13	Brain Dynamics of Spatial Reference Frame Proclivity in Active Navigation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1701-1710.	4.9	3
14	Brain Connectivity Changes During Bimanual and Rotated Motor Imagery. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2022, 10, 1-8.	3.7	3
15	Recognizing Tonal and Nontonal Mandarin Sentences for EEG-Based Brain-Computer Interface. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2022, 14, 1666-1677.	3.8	2
16	The performance of visuo-motor coordination changes under force feedback assistance system. , 2010, , .		0
17	Direct Integration of Beam Steering Structure on Photonic Crystal Surface Emitting Lasers. , 2020, , .		0
18	Adaptive Subspace Sampling for Class Imbalance Processing-Some clarifications, algorithm, and further investigation including applications to Brain Computer Interface. , 2020, , .		0