

Yalda Shahriari

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

330
citations

933447

10
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocardiogram Signal Quality Assessment Based on Structural Image Similarity Metric. IEEE Transactions on Biomedical Engineering, 2018, 65, 745-753.	4.2	42
2	Enhancing Communication for People in Late-Stage ALS Using an fNIRS-Based BCI System. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1198-1207.	4.9	39
3	Merging fNIRS-EEG Brain Monitoring and Body Motion Capture to Distinguish Parkinsons Disease. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1246-1253.	4.9	39
4	An exploration of BCI performance variations in people with amyotrophic lateral sclerosis using longitudinal EEG data. Journal of Neural Engineering, 2019, 16, 056031.	3.5	31
5	Impaired auditory evoked potentials and oscillations in frontal and auditory cortex of a schizophrenia mouse model. World Journal of Biological Psychiatry, 2016, 17, 439-448.	2.6	28
6	Pallidal stimulation in Parkinson disease differentially modulates local and network β activity. Journal of Neural Engineering, 2018, 15, 056016.	3.5	21
7	An fNIRS-Based Motor Imagery BCI for ALS: A Subject-Specific Data-Driven Approach. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 3063-3073.	4.9	21
8	Improving the performance of P300-based brain-computer interface through subspace-based filtering. Neurocomputing, 2013, 121, 434-441.	5.9	16
9	Multimodal fusion of EEG-fNIRS: a mutual information-based hybrid classification framework. Biomedical Optics Express, 2021, 12, 1635.	2.9	15
10	Multimodal exploration of non-motor neural functions in ALS patients using simultaneous EEG-fNIRS recording. Journal of Neural Engineering, 2019, 16, 066036.	3.5	12
11	An E-Textile Respiration Sensing System for NICU Monitoring: Design and Validation. Journal of Signal Processing Systems, 2022, 94, 543-557.	2.1	11
12	Electrical and Hemodynamic Neural Functions in People With ALS: An EEG-fNIRS Resting-State Study. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 3129-3139.	4.9	10
13	An exploration of neural dynamics of motor imagery for people with amyotrophic lateral sclerosis. Journal of Neural Engineering, 2020, 17, 016005.	3.5	7
14	P300 latency jitter and its correlates in people with amyotrophic lateral sclerosis. Clinical Neurophysiology, 2021, 132, 632-642.	1.5	7
15	Towards a Single Trial fNIRS-based Brain-Computer Interface for Communication. , 2019, , .		6
16	Frontal Functional Network Disruption Associated with Amyotrophic Lateral Sclerosis: An fNIRS-Based Minimum Spanning Tree Analysis. Frontiers in Neuroscience, 2020, 14, 613990.	2.8	6
17	Directional brain functional interaction analysis in patients with amyotrophic lateral sclerosis. , 2015, , .		4
18	Multimodal Evaluation of Mental Workload Using a Hybrid EEG-fNIRS Brain-Computer Interface System. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	Neural Alterations During Use of a P300-based BCI by Individuals with Amyotrophic Lateral Sclerosis*. , 2019, , .		4
20	Disruptions of cortico-kinematic interactions in Parkinsonâ€™s disease. Behavioural Brain Research, 2021, 404, 113153.	2.2	3
21	A Graph-Based Feature Extraction Algorithm Towards a Robust Data Fusion Framework for Brain-Computer Interfaces. , 2021, 2021, 878-881.		2
22	Improving longitudinal P300-BCI performance for people with ALS using a data augmentation and jitter correction approach. Brain-Computer Interfaces, 2022, 9, 49-66.	1.8	2
23	A Graph-Based Dynamical Characterization and Inference in Hybrid BCIs. , 2021, , .		0