

Wajid Mumtaz

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,212
citations

687335

13
h-index

752679

20
g-index

40
all docs

40
docs citations

40
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Framework for the Detection of Mental Stress at Multiple Levels. IEEE Access, 2017, 5, 13545-13556.	4.2	166
2	Electroencephalogram (EEG)-based computer-aided technique to diagnose major depressive disorder (MDD). Biomedical Signal Processing and Control, 2017, 31, 108-115.	5.7	139
3	Classification of EEG Signals Based on Pattern Recognition Approach. Frontiers in Computational Neuroscience, 2017, 11, 103.	2.1	137
4	A wavelet-based technique to predict treatment outcome for Major Depressive Disorder. PLoS ONE, 2017, 12, e0171409.	2.5	120
5	A machine learning framework involving EEG-based functional connectivity to diagnose major depressive disorder (MDD). Medical and Biological Engineering and Computing, 2018, 56, 233-246.	2.8	114
6	A deep learning framework for automatic diagnosis of unipolar depression. International Journal of Medical Informatics, 2019, 132, 103983.	3.3	92
7	An EEG-based machine learning method to screen alcohol use disorder. Cognitive Neurodynamics, 2017, 11, 161-171.	4.0	60
8	Review of challenges associated with the EEG artifact removal methods. Biomedical Signal Processing and Control, 2021, 68, 102741.	5.7	58
9	Review on EEG and ERP predictive biomarkers for major depressive disorder. Biomedical Signal Processing and Control, 2015, 22, 85-98.	5.7	57
10	An EEG-based functional connectivity measure for automatic detection of alcohol use disorder. Artificial Intelligence in Medicine, 2018, 84, 79-89.	6.5	47
11	Automatic diagnosis of alcohol use disorder using EEG features. Knowledge-Based Systems, 2016, 105, 48-59.	7.1	42
12	A review on EEG-based methods for screening and diagnosing alcohol use disorder. Cognitive Neurodynamics, 2018, 12, 141-156.	4.0	39
13	EEG in classroom: EMD features to detect situational interest of students during learning. Multimedia Tools and Applications, 2019, 78, 16261-16281.	3.9	25
14	Analysis of EEG signals regularity in adults during video game play in 2D and 3D. , 2013, 2013, 2064-7.		14
15	Evaluation of passive polarized stereoscopic 3D display for visual & mental fatigues. , 2015, 2015, 7590-3.		14
16	Detrended fluctuation analysis for major depressive disorder. , 2015, 2015, 4162-5.		11
17	A Comparative Study of Different EEG Reference Choices for Diagnosing Unipolar Depression. Brain Topography, 2018, 31, 875-885.	1.8	11
18	Investigating Neurofeedback Protocols for Stress Mitigation: A Comparative Analysis of Different Stimulus Contents. IEEE Access, 2019, 7, 141021-141035.	4.2	11

#	ARTICLE	IF	CITATIONS
19	Automatic Segmentation Using a Hybrid Dense Network Integrated With an 3D-Atrous Spatial Pyramid Pooling Module for Computed Tomography (CT) Imaging. IEEE Access, 2020, 8, 169794-169803.	4.2	9
20	MRRM based feature selection for the classification of stress using EEG. , 2017, , .		8
21	Hybrid Deep Shallow Network for Assessment of Depression Using Electroencephalogram Signals. Lecture Notes in Computer Science, 2020, , 245-257.	1.3	8
22	EEG classification of physiological conditions in 2D/3D environments using neural network. , 2013, 2013, 4235-8.		7
23	Complexity Analysis of EEG Data during Rest State and Visual Stimulus. Lecture Notes in Computer Science, 2012, , 84-91.	1.3	5
24	Automatic eye blink artifact removal for EEG based on a sparse coding technique for assessing major mental disorders. Journal of Integrative Neuroscience, 2019, 18, 217.	1.7	5
25	EEG-based brain connectivity analysis of working memory and attention. , 2015, , .		4
26	Classification of Hand-Grasp Movements of Stroke Patients using EEG Data. , 2021, , .		4
27	P300 intensities and latencies for major depressive disorder detection. , 2015, , .		3
28	Electroencephalography-Based Diagnosis of Depression. , 2019, , 171-203.		1
29	Functional models of neural circuits for pathophysiology of major depressive disorder. , 2012, , .		0
30	Introduction: Depression and Challenges. , 2019, , 1-20.		0
31	Electroencephalography-Based Brain Functional Connectivity and Clinical Implications. , 2019, , 61-88.		0
32	Pathophysiology of Depression. , 2019, , 89-109.		0
33	Using Electroencephalography for Diagnosing and Treating Depression. , 2019, , 111-134.		0
34	Neural Circuits and Electroencephalography-Based Neurobiology for Depression. , 2019, , 135-154.		0
35	Design of an Electroencephalography Experiment for Assessing Major Depressive Disorder. , 2019, , 155-169.		0
36	Electroencephalography-Based Treatment Efficacy Assessment Involving Depression. , 2019, , 205-227.		0

#	ARTICLE	IF	CITATIONS
37	Investigation of EEG-Based Graph-Theoretic Analysis for Automatic Diagnosis of Alcohol Use Disorder. Lecture Notes in Computer Science, 2019, , 205-218.	1.3	0
38	A Comparative Analysis of Preprocessing Methods for Single-Trial Event Related Potential Detection. Lecture Notes in Computer Science, 2019, , 89-101.	1.3	0