

Hafeez Ullah Amin

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,572
citations

759055

12
h-index

752573

20
g-index

55
all docs

55
docs citations

55
times ranked

1577
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influences of Emotion on Learning and Memory. <i>Frontiers in Psychology</i> , 2017, 8, 1454.	1.1	658
2	Feature extraction and classification for EEG signals using wavelet transform and machine learning techniques. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015, 38, 139-149.	1.4	220
3	Classification of EEG Signals Based on Pattern Recognition Approach. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 103.	1.2	137
4	P300 correlates with learning & memory abilities and fluid intelligence. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 87.	2.4	69
5	A novel approach based on wavelet analysis and arithmetic coding for automated detection and diagnosis of epileptic seizure in EEG signals using machine learning techniques. <i>Biomedical Signal Processing and Control</i> , 2020, 56, 101707.	3.5	69
6	An EEG-Based Cognitive Load Assessment in Multimedia Learning Using Feature Extraction and Partial Directed Coherence. <i>IEEE Access</i> , 2017, 5, 14819-14829.	2.6	55
7	A Novel Approach Based on Data Redundancy for Feature Extraction of EEG Signals. <i>Brain Topography</i> , 2016, 29, 207-217.	0.8	36
8	EEG based evaluation of stereoscopic 3D displays for viewer discomfort. <i>BioMedical Engineering OnLine</i> , 2015, 14, 21.	1.3	34
9	Exploring EEG Effective Connectivity Network in Estimating Influence of Color on Emotion and Memory. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 66.	1.3	29
10	EEG Power and Functional Connectivity Correlates with Semantic Long-Term Memory Retrieval. <i>IEEE Access</i> , 2018, 6, 8695-8703.	2.6	24
11	Brain Behavior in Learning and Memory Recall Process: A High-Resolution EEG Analysis. <i>IFMBE Proceedings</i> , 2014, , 683-686.	0.2	22
12	EEG mean power and complexity analysis during complex mental task. , 2013, , .		18
13	Brain activation during cognitive tasks: An overview of EEG and fMRI studies. , 2012, , .		17
14	Designing an EEG Experiment. , 2017, , 1-30.		17
15	Classification of Visual and Non-visual Learners Using Electroencephalographic Alpha and Gamma Activities. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 86.	1.0	17
16	Evaluation of passive polarized stereoscopic 3D display for visual & mental fatigues. , 2015, 2015, 7590-3.		14
17	Classification of cognitive and resting states of the brain using EEG features. , 2016, , .		12
18	Detrended fluctuation analysis for major depressive disorder. , 2015, 2015, 4162-5.		11

#	ARTICLE	IF	CITATIONS
19	Dynamics of Scalp Potential and Autonomic Nerve Activity during Intelligence Test. Lecture Notes in Computer Science, 2013, , 9-16.	1.0	10
20	EEG spectral analysis during complex cognitive task at occipital. , 2014, , .		10
21	Effects of stereoscopic 3D display technology on event-related potentials (ERPs). , 2015, , .		10
22	Development of Enhanced Stimulus Content to Improve the Treatment Efficacy of EEG-Based Frontal Alpha Asymmetry Neurofeedback for Stress Mitigation. IEEE Access, 2021, 9, 130638-130648.	2.6	9
23	Visual brain activity patterns classification with simultaneous EEG-fMRI: A multimodal approach. Technology and Health Care, 2017, 25, 471-485.	0.5	8
24	A System for True and False Memory Prediction Based on 2D and 3D Educational Contents and EEG Brain Signals. Computational Intelligence and Neuroscience, 2016, 2016, 1-11.	1.1	7
25	Single Trial EEG Patterns for the Prediction of Individual Differences in Fluid Intelligence. Frontiers in Human Neuroscience, 2016, 10, 687.	1.0	7
26	Discriminating the different human brain states with EEG signals using Fractal dimension: A nonlinear approach. , 2014, , .		6
27	Modulation of cortical activity in response to learning and long-term memory retrieval of 2D versus stereoscopic 3D educational contents: Evidence from an EEG study. Computers in Human Behavior, 2021, 114, 106526.	5.1	6
28	Brain behavior during reasoning and problem solving task: An EEG study. , 2014, , .		4
29	Functional connectivity of EEG regional delta and inter-regional gamma activity correlates with memory recall. , 2015, , .		4
30	EEG spectral analysis and functional connectivity during learning of science concepts. , 2016, , .		4
31	Visual and Cognitive Fatigue During Learning. , 2017, , 123-135.		4
32	EEG Visual and Non- Visual Learner Classification Using LSTM Recurrent Neural Networks. , 2018, , .		4
33	Neural correlates of eye contact in face-to-face verbal interaction: An EEG-based study of the extraversion personality trait. PLoS ONE, 2019, 14, e0219839.	1.1	4
34	The correlation between EEG asymmetry and memory performance during semantic memory recall. , 2016, , .		3
35	Differentiating Between Visual and Non-Visual Learners Using EEG Power Spectrum Entropy. , 2018, , .		3
36	Studying the Effects of 2D and 3D Educational Contents on Memory Recall Using EEG Signals, PCA and Statistical Features. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
37	A system based on 3D and 2D educational contents for true and false memory prediction using EEG signals. , 2015, , .		2
38	Discrimination of Brain States Using Wavelet and Power Spectral Density. Lecture Notes in Computer Science, 2015, , 341-347.	1.0	1
39	EEG coherence and source localization analysis during multimedia learning process. , 2016, , .		1
40	Visually Induced Motion Sickness. , 2017, , 147-159.		1
41	Mental Stress. , 2017, , 31-46.		1
42	Alcohol Addiction. , 2017, , 75-85.		1
43	Driversâ€™ Drowsiness. , 2017, , 181-190.		1
44	A new approach for error minimization of piezoelectric sensor output variations using fuzzy logic. , 2014, , .		0
45	Nonlinear features based classification of active and resting states of human brain using EEG. , 2015, , .		0
46	Role of EEG delta and beta oscillations during problem solving tasks. , 2016, , .		0
47	Passive Polarized and Active Shutter 3D TVs. , 2017, , 87-103.		0
48	Mobile Phone Calls. , 2017, , 161-170.		0
49	Driversâ€™ Cognitive Distraction. , 2017, , 171-180.		0
50	Working Memory and Attention. , 2017, , 191-202.		0
51	3D Video Games. , 2017, , 137-146.		0
52	Major Depressive Disorder. , 2017, , 47-61.		0
53	Epileptic Seizures. , 2017, , 63-74.		0
54	2D and 3D Educational Contents. , 2017, , 105-122.		0

#	ARTICLE	IF	CITATIONS
55	Hemispheric Asymmetries in Electroencephalogram Oscillations for Long-Term Memory Retrieval in Healthy Individuals. Brain Sciences, 2020, 10, 937.	1.1	0