Mohammed Yeasin

List of Publications by Year
in descending order

34 papers	364 citations	1163117 8 h-index	1125743 13 g-index
35 all docs	35 docs citations	35 times ranked	388 citing authors

#	Article	IF	Citations
1	Low‑voltage fast seizures in humans begin with increased interneuron firing. Annals of Neurology, 2018, 84, 588-600.	5.3	81
2	Identifying seizure onset zone from electrocorticographic recordings: A machine learning approach based on phase locking value. Seizure: the Journal of the British Epilepsy Association, 2017, 51, 35-42.	2.0	43
3	Age-related hearing loss increases full-brain connectivity while reversing directed signaling within the dorsal–ventral pathway for speech. Brain Structure and Function, 2019, 224, 2661-2676.	2.3	37
4	Imputation of missing values for electronic health record laboratory data. Npj Digital Medicine, 2021, 4, 147.	10.9	32
5	Single trial prediction of normal and excessive cognitive load through EEG feature fusion. , 2015, , .		20
6	Decoding of single-trial EEG reveals unique states of functional brain connectivity that drive rapid speech categorization decisions. Journal of Neural Engineering, 2020, 17, 016045.	3.5	20
7	Decoding Hearing-Related Changes in Older Adults' Spatiotemporal Neural Processing of Speech Using Machine Learning. Frontiers in Neuroscience, 2020, 14, 748.	2.8	12
8	Interpretable and parameter optimized ensemble model for knee osteoarthritis assessment using radiographs. Scientific Reports, 2021, 11, 14348.	3.3	12
9	Image Captioning for Ambient Awareness on a Sidewalk. , 2018, , .		11
10	Optimization and evaluation of deep architectures for ambient awareness on a sidewalk. , 2017, , .		10
11	What brain connectivity patterns from EEG tell us about hearing loss: A graph theoretic approach. , 2018, , .		10
12	Increasing the Density of Laboratory Measures for Machine Learning Applications. Journal of Clinical Medicine, 2021, 10, 103.	2.4	8
13	Empirical study using network of semantically related associations in bridging the knowledge gap. Journal of Translational Medicine, 2014, 12, 324.	4.4	7
14	Cognitive Ability-Demand Gap Analysis With Latent Response Models. IEEE Access, 2014, 2, 711-724.	4.2	7
15	Selection of stable features for modeling 4-D affective space from EEG recording. , 2017, , .		7
16	An Interactive Device for Ambient Awareness on Sidewalk for Visually Impaired. , 2018, , .		6
17	Data-driven machine learning models for decoding speech categorization from evoked brain responses. Journal of Neural Engineering, 2021, 18, 046012.	3.5	6
18	IMAPS: A smart phone based real-time framework for prediction of affect in natural dyadic conversation. , 2012, , .		5

#	Article	IF	Citations
19	Modulation of brain connectivity by memory load in a working memory network. , 2014, , .		5
20	RNN and CNN for Way-Finding and Obstacle Avoidance for Visually Impaired. , 2019, , .		5
21	Speech categorization is better described by induced rather than evoked neural activity. Journal of the Acoustical Society of America, 2021, 149, 1644-1656.	1.1	5
22	Comparison of linear and non-linear data projection techniques in recognizing universal facial expressions. , 0, , .		4
23	Robust Modeling of Continuous 4-D Affective Space from EEG Recording. , 2016, , .		4
24	Temporal progression in functional connectivity determines individual differences in working memory capacity. , 2017, , .		3
25	Micro-states based dynamic brain connectivity in understanding the commonality and differences in gender-specific emotion processing. , 2019, , .		2
26	Selection of Best Projection from 3D Star Coordinate Projection Space using Energy Minimization and Topology Preserving Mapping. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	1
27	Assistive System for Navigating Complex Realistic Simulated World Using Reinforcement Learning. , 2020, , .		1
28	A Unified Framework To Find Differentially Expressed Genes from Microarray Experiments. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	0
29	Dynamic Load Balancing for Mining of Molecular Structures using Genetic Algorithm. , 2007, , .		0
30	Evaluation of supervised and unsupervised 3D star visualisation algorithms. International Journal of Data Mining and Bioinformatics, 2013, 8, 443.	0.1	0
31	Poster: Context-sensitive use of bioinformatics tools with complementary functionalities for hypothesis generation. , 2014, , .		0
32	Words to Meaningful Sentence: Analytics through Game Interface. , 2018, , .		0
33	Robust Sensor Selection for Sidewalk Obstacle Avoidance using Reinforcement Learning. , 2020, , .		0
34	Robust Classification of Dialog Acts from the Transcription of Utterances. , 2007, , .		0