Rayyan Azam Khan

List of Publications by Year
in descending order

		1039880	1125617
17 papers	431 citations	9 h-index	13 g-index
17 all docs	17 docs citations	17 times ranked	337 citing authors

#	Article	IF	Citations
1	Optimal feature selection from fNIRS signals using genetic algorithms for BCI. Neuroscience Letters, 2017, 647, 61-66.	1.0	84
2	fNIRS-based Neurorobotic Interface for gait rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 7.	2.4	76
3	Enhancing Classification Performance of Functional Near-Infrared Spectroscopy- Brain–Computer Interface Using Adaptive Estimation of General Linear Model Coefficients. Frontiers in Neurorobotics, 2017, 11, 33.	1.6	47
4	Cortical Tasks-Based Optimal Filter Selection: An fNIRS Study. Journal of Healthcare Engineering, 2020, 2020, 1-15.	1.1	43
5	Enhancing classification accuracy of fNIRS-BCI using features acquired from vector-based phase analysis. Journal of Neural Engineering, 2020, 17, 056025.	1.8	36
6	Machine learning based liver disease diagnosis: A systematic review. Neurocomputing, 2022, 468, 492-509.	3.5	33
7	RMS-UNet: Residual multi-scale UNet for liver and lesion segmentation. Artificial Intelligence in Medicine, 2022, 124, 102231.	3.8	30
8	Analyzing Classification Performance of fNIRS-BCI for Gait Rehabilitation Using Deep Neural Networks. Sensors, 2022, 22, 1932.	2.1	22
9	Enhancing Classification Performance of fNIRS-BCI by Identifying Cortically Active Channels Using the z-Score Method. Sensors, 2020, 20, 6995.	2.1	15
10	Feature selection based on modified genetic algorithm for optimization of functional near-infrared spectroscopy (fNIRS) signals for BCI. , 2016, , .		8
11	Drowsiness Detection During a Driving Task Using fNIRS. , 2019, , 79-85.		8
12	LASSO Homotopy-Based Sparse Representation Classification for fNIRS-BCI. Sensors, 2022, 22, 2575.	2.1	7
13	EMG Based Control of Individual Fingers of Robotic Hand. , 2018, , .		6
14	Control of a prosthetic leg based on walking intentions for gait rehabilitation: an fNIRS study. Frontiers in Human Neuroscience, 0, 12, .	1.0	6
15	Design and Simulation of 0.75hp Soft Start AC Water Pump Powered by PV Solar System. Universal Journal of Mechanical Engineering, 2015, 3, 113-121.	0.4	4
16	Prognosticating Outcome in Pancreatic Head Cancer With the use of a Machine Learning Algorithm. Technology in Cancer Research and Treatment, 2021, 20, 153303382110507.	0.8	3
17	Multi-scale GAN with residual image learning for removing heterogeneous blur. IET Image Processing, 2022, 16, 2412-2431.	1.4	3