Gang Li

List of Publications by Year
in descending order

13 papers	222 citations	1040056 9 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	165 citing authors

#	Article	IF	Citations
1	A New Strategy for Mental Fatigue Detection Based on Deep Learning and Respiratory Signal. Lecture Notes in Electrical Engineering, 2022, , 543-552.	0.4	4
2	Multi-Scale Sample Entropy-Based Energy Moment Features Applied to Fault Classification. IEEE Access, 2021, 9, 8444-8454.	4.2	15
3	Toward practical driving fatigue detection using three frontal EEG channels: a proof-of-concept study. Physiological Measurement, 2021, 42, 044003.	2.1	17
4	A Practical Application for Quantitative Brain Fatigue Evaluation Based on Machine Learning and Ballistocardiogram. Healthcare (Switzerland), 2021, 9, 1453.	2.0	6
5	Mental Fatigue Has Great Impact on the Fractal Dimension of Brain Functional Network. Neural Plasticity, 2020, 2020, 1-11.	2.2	5
6	The impact of mental fatigue on brain activity: a comparative study both in resting state and task state using EEG. BMC Neuroscience, 2020, 21, 20.	1.9	50
7	A Novel Rolling Bearing Defect Detection Method Based on Bispectrum Analysis and Cloud Model-Improved EEMD. IEEE Access, 2020, 8, 24323-24333.	4.2	28
8	Aroma and quality of carrot dried using a microwave-convective drying system as affect by temperature gradient. International Journal of Food Properties, 2020, 23, 63-79.	3.0	1
9	The Maximum Eigenvalue of the Brain Functional Network Adjacency Matrix: Meaning and Application in Mental Fatigue Evaluation. Brain Sciences, 2020, 10, 92.	2.3	13
10	Effects of Mental Fatigue on *Small-World* Brain Functional Network Organization. Neural Plasticity, 2019, 2019, 1-10.	2.2	32
11	A new method for automatically modelling brain functional networks. Biomedical Signal Processing and Control, 2018, 45, 70-79.	5.7	14
12	A New Method for Human Mental Fatigue Detection with Several EEG Channels. Journal of Medical and Biological Engineering, 2017, 37, 240-247.	1.8	27
13	Experimental research of mechanical behavior of porcine brain tissue under rotational shear stress. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 57, 224-234.	3.1	10