

Cheolsoo Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1457318/publications.pdf>

Version: 2024-02-01

32
papers

820
citations

759233

12
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of Motor Imagery BCI Using Multivariate Empirical Mode Decomposition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 10-22.	4.9	194
2	Deep ECGNet: An Optimal Deep Learning Framework for Monitoring Mental Stress Using Ultra Short-Term ECG Signals. Telemedicine Journal and E-Health, 2018, 24, 753-772.	2.8	87
3	Machine learning in biomedical engineering. Biomedical Engineering Letters, 2018, 8, 1-3.	4.1	87
4	End-To-End Deep Learning Architecture for Continuous Blood Pressure Estimation Using Attention Mechanism. Sensors, 2020, 20, 2338.	3.8	82
5	Augmented Complex Common Spatial Patterns for Classification of Noncircular EEG From Motor Imagery Tasks. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 1-10.	4.9	71
6	Motor Imagery Classification Using Mu and Beta Rhythms of EEG with Strong Uncorrelating Transform Based Complex Common Spatial Patterns. Computational Intelligence and Neuroscience, 2016, 2016, 1-13.	1.7	65
7	Flexible and Printed PPG Sensors for Estimation of Drowsiness. IEEE Transactions on Electron Devices, 2018, 65, 2997-3004.	3.0	33
8	Beat-to-Beat Continuous Blood Pressure Estimation Using Bidirectional Long Short-Term Memory Network. Sensors, 2021, 21, 96.	3.8	29
9	Flexible and implantable capacitive microelectrode for bio-potential acquisition. Biochip Journal, 2017, 11, 153-163.	4.9	25
10	Deep-ACTINet: End-to-End Deep Learning Architecture for Automatic Sleep-Wake Detection Using Wrist Actigraphy. Electronics (Switzerland), 2019, 8, 1461.	3.1	21
11	Feature Analysis of Smart Shoe Sensors for Classification of Gait Patterns. Sensors, 2020, 20, 6253.	3.8	17
12	0.7-1.0-GHz Switchable Dual-/Single-Band Tunable Bandpass Filter Using a Switchable J-Inverter. IEEE Access, 2021, 9, 16967-16974.	4.2	13
13	Time-Frequency Analysis of Electrohysterogram for Classification of Term and Preterm Birth. IEIE Transactions on Smart Processing and Computing, 2015, 4, 103-109.	0.4	12
14	Efficiently Updating ECG-Based Biometric Authentication Based on Incremental Learning. Sensors, 2021, 21, 1568.	3.8	11
15	Multivariate Time-Frequency Analysis of Electrohysterogram for Classification of Term and Preterm Labor. Journal of Electrical Engineering and Technology, 2019, 14, 897-916.	2.0	9
16	Deep Learning Approach for Detecting Work-Related Stress Using Multimodal Signals. IEEE Sensors Journal, 2022, 22, 11892-11902.	4.7	9
17	Effect of a Recliner Chair with Rocking Motions on Sleep Efficiency. Sensors, 2021, 21, 8214.	3.8	8
18	Automated White Blood Cell Counting in Nailfold Capillary Using Deep Learning Segmentation and Video Stabilization. Sensors, 2020, 20, 7101.	3.8	7

#	ARTICLE	IF	CITATIONS
19	Distributed Cell Clustering Based on Multi-Layer Message Passing for Downlink Joint Processing Coordinated Multipoint Transmission. Applied Sciences (Switzerland), 2020, 10, 5154.	2.5	5
20	Optimal Feature Search for Vigilance Estimation Using Deep Reinforcement Learning. Electronics (Switzerland), 2020, 9, 142.	3.1	5
21	Multitask Siamese Network for Remote Photoplethysmography and Respiration Estimation. Sensors, 2022, 22, 5101.	3.8	5
22	Detection of Arrhythmia using 1D Convolution Neural Network with LSTM Model. IEIE Transactions on Smart Processing and Computing, 2020, 9, 261-265.	0.4	4
23	Deep Learning-Based Optimal Smart Shoes Sensor Selection for Energy Expenditure and Heart Rate Estimation. Sensors, 2021, 21, 7058.	3.8	4
24	Automatic Sleep Scoring Using Intrinsic Mode Based on Interpretable Deep Neural Networks. IEEE Access, 2022, 10, 36895-36906.	4.2	4
25	Effect of an Inflatable Air Mattress with Variable Rigidity on Sleep Quality. Sensors, 2020, 20, 5317.	3.8	3
26	Strong Uncorrelated Transform Applied to Spatially Distant Channel EEG Data. IEIE Transactions on Smart Processing and Computing, 2015, 4, 97-102.	0.4	3
27	Correlation Assisted Strong Uncorrelating Transform Complex Common Spatial Patterns for Spatially Distant Channel Data. Computational Intelligence and Neuroscience, 2018, 2018, 1-9.	1.7	2
28	A 1.0 to 1.58 GHz tunable bandpass filter with switchable single/dual band responses. Microwave and Optical Technology Letters, 2020, 62, 3438-3443.	1.4	2
29	Distributed Channel Assignment for Ultra-Dense Wireless Networks Using Belief Propagation. IEEE Access, 2021, 9, 117040-117051.	4.2	2
30	Optimal Design of Convolutional Neural Network for EEG-based Authentication. IEIE Transactions on Smart Processing and Computing, 2021, 10, 199-203.	0.4	1
31	A tutorial on empirical mode decomposition in brain research. , 2014, , .		0
32	An Optimal Power Allocation Scheme for Device-to-Device Communications in a Cellular OFDM System. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 1670-1673.	0.3	0