

Maitreyee Dey

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

155
citations

8
h-index

12
g-index

19
ext. papers

214
ext. citations

4.6
avg, IF

3.63
L-index

#	Paper	IF	Citations
18	Smart building creation in large scale HVAC environments through automated fault detection and diagnosis. <i>Future Generation Computer Systems</i> , 2020 , 108, 950-966	7.5	27
17	Machine Learning Approaches for Automated Lesion Detection in Microwave Breast Imaging Clinical Data. <i>Scientific Reports</i> , 2019 , 9, 10510	4.9	22
16	Boosting content based image retrieval performance through integration of parametric & nonparametric approaches. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 58, 205-213	3.7	20
15	UWB localization employing supervised learning method 2017 ,		19
14	A Case Study Based Approach for Remote Fault Detection Using Multi-Level Machine Learning in A Smart Building. <i>Smart Cities</i> , 2020 , 3, 401-419	3.3	12
13	Signature Inspired Home Environments Monitoring System Using IR-UWB Technology. <i>Sensors</i> , 2019 , 19,	3.8	10
12	A Self Regulating and Crowdsourced Indoor Positioning System through Wi-Fi Fingerprinting for Multi Storey Building. <i>Sensors</i> , 2018 , 18,	3.8	10
11	Non-Contact Human Gait Identification Through IR-UWB Edge-Based Monitoring Sensor. <i>IEEE Sensors Journal</i> , 2019 , 19, 9282-9293	4	8
10	A robust FLIR target detection employing an auto-convergent pulse coupled neural network. <i>Remote Sensing Letters</i> , 2019 , 10, 639-648	2.3	5
9	Unsupervised learning techniques for HVAC terminal unit behaviour analysis 2017 ,		4
8	Markerless Gait Classification Employing 3D IR-UWB Physiological Motion Sensing. <i>IEEE Sensors Journal</i> , 2022 , 22, 6931-6941	4	4
7	Semi-Supervised Learning Techniques for Automated Fault Detection and Diagnosis of HVAC Systems 2018 ,		3
6	Content-Based Health Recommender Systems 2020 , 215-236		2
5	ITERATOR: A 3D Gait Identification from IR-UWB Technology. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 782-787	0.9	2
4	Solar farm voltage anomaly detection using high-resolution BMU data-driven unsupervised machine learning. <i>Applied Energy</i> , 2021 , 303, 117656	10.7	2
3	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-10	5.2	2
2	A PID inspired feature extraction method for HVAC terminal units 2017 ,		1

- 1 Automated terminal unit performance analysis employing x-RBF neural network and associated energy optimisation [A case study based approach]. *Applied Energy*, **2021**, 298, 117103 10.7 1