Fawad Hussain

List of Publications by Year
in descending order

18 papers	444 citations	932766 10 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	457 citing authors

#	Article	IF	Citations
1	Activity-Aware Fall Detection and Recognition Based on Wearable Sensors. IEEE Sensors Journal, 2019, 19, 4528-4536.	2.4	105
2	Impact of Feature Selection Algorithm on Speech Emotion Recognition Using Deep Convolutional Neural Network. Sensors, 2020, 20, 6008.	2.1	64
3	Visual analysis of asphalt pavement for detection and localization of potholes. Advanced Engineering Informatics, 2018, 38, 527-537.	4.0	59
4	Performance Evaluation of Application Mapping Approaches for Network-on-Chip Designs. IEEE Access, 2020, 8, 63607-63631.	2.6	38
5	Incorporating Noise Robustness in Speech Command Recognition by Noise Augmentation of Training Data. Sensors, 2020, 20, 2326.	2.1	31
6	Optimized Audio Classification and Segmentation Algorithm by Using Ensemble Methods. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	30
7	Improving Mispronunciation Detection of Arabic Words for Non-Native Learners Using Deep Convolutional Neural Network Features. Electronics (Switzerland), 2020, 9, 963.	1.8	25
8	A generic passive image forgery detection scheme using local binary pattern with rich models. Computers and Electrical Engineering, 2017, 62, 459-472.	3.0	20
9	Application Mapping Using Cuckoo Search Optimization With Lévy Flight for NoC-Based System. IEEE Access, 2021, 9, 141778-141789.	2.6	16
10	NoCGuard: A Reliable Network-on-Chip Router Architecture. Electronics (Switzerland), 2020, 9, 342.	1.8	11
11	iHPSA: An improved bio-inspired hybrid optimization algorithm for task mapping in Network on Chip. Microprocessors and Microsystems, 2022, 90, 104493.	1.8	11
12	An Optimized Nature-Inspired Metaheuristic Algorithm for Application Mapping in 2D-NoC. Sensors, 2021, 21, 5102.	2.1	9
13	Fault-Tolerant Network-On-Chip Router Architecture Design for Heterogeneous Computing Systems in the Context of Internet of Things. Sensors, 2020, 20, 5355.	2.1	7
14	An efficient and cost effective application mapping for network-on-chip using Andean condor algorithm. Journal of Network and Computer Applications, 2022, 200, 103319.	5.8	7
15	Vehicle Make and Model Recognition using Bag of Expressions. Sensors, 2020, 20, 1033.	2.1	6
16	A Robust Color Image Watermarking Scheme using Chaos for Copyright Protection. Mehran University Research Journal of Engineering and Technology, 2019, 38, 361-378.	0.3	3
17	A new algorithmic approach for fingers detection and identification. , 2013, , .		1
18	Emotional Speech Recognition Using SMILE Features and Random Forest Tree. Advances in Intelligent Systems and Computing, 2020, , 10-17.	0.5	1