

Adeiza J Onumanyi

List of Publications by Year in descending order

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33
papers

382
citations

759055

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all docs

33
docs citations

33
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Deterministic Selection-Based Genetic Algorithm for Hyperparameter Tuning of Machine Learning Models. Applied Sciences (Switzerland), 2022, 12, 1186.	1.3	25
2	Performance Analysis of Machine Learning Algorithms for Energy Demand–Supply Prediction in Smart Grids. Sustainability, 2022, 14, 2546.	1.6	17
3	Generalized self-tuning system for adaptive threshold estimators in cognitive radio systems using swarm and evolutionary–based approaches. Transactions on Emerging Telecommunications Technologies, 2021, 32, .	2.6	0
4	Amplitude quantization method for autonomous threshold estimation in self-reconfigurable cognitive radio systems. Physical Communication, 2021, 44, 101256.	1.2	8
5	Transactive Energy: State-of-the-Art in Control Strategies, Architectures, and Simulators. IEEE Access, 2021, 9, 131552-131573.	2.6	16
6	Performance Analysis of Machine Learning Classifiers for Pothole Road Anomaly Segmentation. , 2021, , .		3
7	A cuckoo search optimization-based forward consecutive mean excision model for threshold adaptation in cognitive radio. Soft Computing, 2020, 24, 9683-9704.	2.1	3
8	Cognitive Radio in Low Power Wide Area Network for IoT Applications: Recent Approaches, Benefits and Challenges. IEEE Transactions on Industrial Informatics, 2020, 16, 7489-7498.	7.2	21
9	A discriminant analysis-based automatic ordered statistics scheme for radar systems. Physical Communication, 2020, 43, 101215.	1.2	3
10	New Discrete Cuckoo Search Optimization Algorithms for Effective Route Discovery in IoT-Based Vehicular Ad-Hoc Networks. IEEE Access, 2020, 8, 145469-145488.	2.6	13
11	Low Power Wide Area Network, Cognitive Radio and the Internet of Things: Potentials for Integration. Sensors, 2020, 20, 6837.	2.1	22
12	Adaptive threshold techniques for cognitive radio–based low power wide area network. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3908.	2.6	6
13	Cooperative-hybrid detection of primary user emulators in cognitive radio networks. International Journal of Electrical and Computer Engineering, 2020, 10, 3116.	0.5	1
14	Histogram partitioning algorithms for adaptive and autonomous threshold estimation in cognitive radio–based industrial wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3679.	2.6	0
15	A new evaluation function for face image enhancement in unconstrained environments using metaheuristic algorithms. Eurasip Journal on Image and Video Processing, 2019, 2019, .	1.7	10
16	A delay-aware spectrum handoff scheme for prioritized time-critical industrial applications with channel selection strategy. Computer Communications, 2019, 144, 112-123.	3.1	5
17	An Effective Spectrum Handoff Based on Reinforcement Learning for Target Channel Selection in the Industrial Internet of Things. Sensors, 2019, 19, 1395.	2.1	17
18	An optimized routing algorithm for vehicle ad-hoc networks. Engineering Science and Technology, an International Journal, 2019, 22, 754-766.	2.0	37

#	ARTICLE	IF	CITATIONS
19	Towards Cognitive Radio in Low Power Wide Area Network for Industrial IoT Applications. , 2019, , .		6
20	An Examination of Different Vision based Approaches for Road Anomaly Detection. , 2019, , .		6
21	Optimal Design of Colpitts Oscillator Using Bat Algorithm and Artificial Neural Network (BA-ANN). Advances in Intelligent Systems and Computing, 2019, , 29-38.	0.5	0
22	An adaptive wavelet transformation filtering algorithm for improving road anomaly detection and characterization in vehicular technology. International Journal of Electrical and Computer Engineering, 2019, 9, 3664.	0.5	2
23	A comparative analysis of local and global adaptive threshold estimation techniques for energy detection in cognitive radio. Physical Communication, 2018, 29, 1-11.	1.2	22
24	Overlay Virtualized Wireless Sensor Networks for Application in Industrial Internet of Things: A Review. Sensors, 2018, 18, 3215.	2.1	26
25	New road anomaly detection and characterization algorithm for autonomous vehicles. Applied Computing and Informatics, 2018, 16, 223-239.	3.7	34
26	Development of hybrid artificial intelligent based handover decision algorithm. Engineering Science and Technology, an International Journal, 2017, 20, 381-390.	2.0	16
27	An Adaptive Wavelet-Based Scale Space Filtering Algorithm for Spectrum Sensing in Cognitive Radio. , 2017, , .		3
28	A modified Otsu's algorithm for improving the performance of the energy detector in cognitive radio. AEU - International Journal of Electronics and Communications, 2017, 79, 53-63.	1.7	16
29	Development of key generation algorithm using ECG biometrics for node security in wireless body area sensor network. European Research in Telemedicine, 2016, 5, 137-144.	0.6	2
30	Image processing techniques for automated road defect detection: A survey. , 2014, , .		31
31	A Real Valued Neural Network Based Autoregressive Energy Detector for Cognitive Radio Application. International Scholarly Research Notices, 2014, 2014, 1-11.	0.9	9
32	Effect of Spectrum Occupancy on the Performance of a Real Valued Neural Network Based Energy Detector. , 2014, , .		1
33	An enhanced multipolicy approach to vertical handoff decision across WLAN and UMTS networks. , 2009, , .		1