

Oguz Bayat

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

192
citations

1307594

7
h-index

1125743

13
g-index

33
all docs

33
docs citations

33
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	A grasshopper optimizer approach for feature selection and optimizing SVM parameters utilizing real biomedical data sets. <i>Neural Computing and Applications</i> , 2019, 31, 5965-5974.	5.6	47
2	A Novel Software Engineering Approach Toward Using Machine Learning for Improving the Efficiency of Health Systems. <i>IEEE Access</i> , 2020, 8, 23169-23178.	4.2	26
3	Mathematical Modeling of Ultra Wideband <italic>in Vivo</italic> Radio Channel. <i>IEEE Access</i> , 2018, 6, 20848-20854.	4.2	13
4	Designing insistence-aware medium access control protocol and energy conscious routing in quality-of-service-guaranteed wireless body area network. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771881584.	2.2	13
5	Experimental analysis of ultra wideband in vivo radio channel. , 2018, , .		9
6	Increasing Energy Efficiency in Wireless Sensor Networks Using GA-ANFIS to Choose a Cluster Head and Assess Routing and Weighted Trusts to Demodulate Attacker Nodes. <i>Foundations of Science</i> , 2020, 25, 1227-1246.	0.7	9
7	IEEE Access Special Section Editorial: Machine Learning Designs, Implementations and Techniques. <i>IEEE Access</i> , 2020, 8, 120548-120552.	4.2	8
8	A new precoding scheme for spectral efficient optical OFDM systems. <i>Optics Communications</i> , 2018, 419, 125-133.	2.1	7
9	Performance enhancement of safety message communication via designing dynamic power control mechanisms in vehicular ad hoc networks. <i>Computational Intelligence</i> , 2021, 37, 1286-1308.	3.2	7
10	Multilayered optical OFDM for high spectral efficiency in visible light communication system. <i>Photonic Network Communications</i> , 2019, 38, 299-313.	2.7	6
11	Evaluation of ultra-wideband in vivo radio channel and its effects on system performance. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019, 30, e3530.	3.9	6
12	Data Transmission Enhancement Using Optimal Coding Technique Over <i>In Vivo</i> Channel for Interbody Communication. <i>Big Data</i> , 2022, , .	3.4	6
13	Bit Error Rate Performance of In-vivo Radio Channel Using Maximum Likelihood Sequence Estimation. , 2020, , .		5
14	Rayleigh Leistungs Relation and Rician Fading Channels in Qam Using Simulink Environment. , 2020, , .		4
15	Brain Tumor Segmentation and Classification approach for MR Images Based on Convolutional Neural Networks. , 2020, , .		4
16	Intersymbol interference cancellation in CDMA 1xEVDO network. <i>International Journal of Communication Systems</i> , 2014, 27, 1553-1560.	2.5	3
17	Location Dependent Channel Characteristics for Implantable Devices. , 2020, , .		3
18	Traffic differentiation for BE users in CDMA 1xEVDO networks. <i>Multimedia Tools and Applications</i> , 2011, 55, 507-523.	3.9	2

#	ARTICLE	IF	CITATIONS
19	Efficient Unconstrained Iris Recognition System Based on CCT-Like Mask Filter Bank. Mathematical Problems in Engineering, 2019, 2019, 1-10.	1.1	2
20	Knowledge technologies based on fabrication process composite materials and remote sensing applications. Advanced Composites Letters, 2020, 29, 2633366X1989598.	1.3	2
21	Reduction of Packet Error Rate in V2V Communication Based on Machine Learning. , 2021, , .		2
22	Concatenation of polar codes with three-dimensional parity check (3D-PC) codes to improve error performance over fading channels. International Journal of Communication Systems, 2019, 32, e3970.	2.5	1
23	Management of Micro-grid with (SM) to Decrease Electricity Bills by Using (CAEST). , 2020, , .		1
24	Magnetic Resonance Imaging (MRI) For Brain Tumor And Seizures Classification Using Recurrent Neural Network. , 2020, , .		1
25	Compact Microstrip Antenna for Ultra-Wideband Applications Using SIR Feeder. , 2021, , .		1
26	Efficient DC biased-PAM based OFDM for visible light communication system. Optical and Quantum Electronics, 2022, 54, .	3.3	1
27	Derivation of coupler and power sensing requirements for high linearity and efficiency tunable power amplifiers. , 2014, , .		0
28	Indoor location estimation by using MLE based algorithm on smallcell networks. , 2015, , .		0
29	Study The Effect of High Dimensional Objective Functions on Multi-Objective Evolutionary Algorithms. , 2018, , .		0
30	Packet Scheduling in Home and Business Femtocell Networks. , 0, , 245-268.		0
31	The Statistical Learning Methods In image processing and Facial Recognition. , 2021, , .		0
32	A Naïve Bayes prediction model on location-based recommendation by integrating multi-dimensional contextual information. Multimedia Tools and Applications, 2022, 81, 6957.	3.9	0