

Abdurrahim Toktas

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.

47
papers

476
citations

12
h-index

20
g-index

65
ext. papers

744
ext. citations

2.4
avg, IF

4.81
L-index

#	Paper	IF	Citations
47	Wideband MIMO antenna with enhanced isolation for LTE, WiMAX and WLAN mobile handsets. <i>Electronics Letters</i> , 2014 , 50, 723-724	1.1	52
46	Compact multiple-input multiple-output antenna with low correlation for ultra-wide-band applications. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 822-829	1.6	45
45	Computer vision-based method for classification of wheat grains using artificial neural network. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 2588-2593	4.3	41
44	G-shaped band-notched ultra-wideband MIMO antenna system for mobile terminals. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 718-725	1.6	38
43	Triangular quad-port multi-polarized UWB MIMO antenna with enhanced isolation using neutralization ring. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 85, 47-53	2.8	35
42	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 3318-3329	4.1	31
41	A study on visual features of leaves in plant identification using artificial intelligence techniques. <i>Computers and Electronics in Agriculture</i> , 2019 , 156, 369-377	6.5	31
40	Simple Formulas for Calculating Resonant Frequencies of C and H Shaped Compact Microstrip Antennas Obtained by Using Artificial Bee Colony Algorithm. <i>Journal of Electromagnetic Waves and Applications</i> , 2011 , 25, 1718-1729	1.3	20
39	Deep neural networkBased soft computing the resonant frequency of Eshaped patch antennas. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 102, 54-61	2.8	15
38	A Triple-Objective Optimization Scheme Using Butterfly-Integrated ABC Algorithm for Design of Multilayer RAM. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5602-5612	4.9	14
37	An Application of Artificial Neural Network to Compute the Resonant Frequency of Eshaped Compact Microstrip Antennas. <i>Journal of Electrical Engineering</i> , 2013 , 64, 317-322	0.6	13
36	Grain classifier with computer vision using adaptive neuro-fuzzy inference system. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 3994-4000	4.3	12
35	Translational Motion Compensation for ISAR Images Through a Multicriteria Decision Using Surrogate-Based Optimization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 4365-4374	8.1	9
34	A powerful method based on artificial bee colony algorithm for translational motion compensation of ISAR image. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2691-2698	1.2	9
33	A compact reconfigurable ultra-wideband G-shaped printed antenna with band-notched characteristic. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 245-250	1.2	9
32	Pioneer Pareto artificial bee colony algorithm for three-dimensional objective space optimization of composite-based layered radar absorber. <i>Applied Soft Computing Journal</i> , 2020 , 96, 106696	7.5	8
31	AUTOMATIC CLASSIFICATION OF AGRICULTURAL GRAINS: COMPARISON OF NEURAL NETWORKS. <i>Neural Network World</i> , 2018 , 28, 213-224	2.9	7

30	Global optimisation scheme based on triple-objective ABC algorithm for designing fully optimised multi-layer radar absorbing material. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 800-811	1.6	7
29	WiFi Based Indoor Localization: Application and Comparison of Machine Learning Algorithms 2018 ,		7
28	Design of wideband orthogonal MIMO antenna with improved correlation using a parasitic element for mobile handsets. <i>International Journal of Microwave and Wireless Technologies</i> , 2016 , 8, 109-115	0.8	6
27	2D eMap for image encryption. <i>Information Sciences</i> , 2022 , 589, 770-789	7.7	5
26	An image encryption scheme based on an optimal chaotic map derived by multi-objective optimization using ABC algorithm. <i>Nonlinear Dynamics</i> , 2021 , 105, 1885-1909	5	5
25	Hyperparameter optimization of deep CNN classifier for plant species identification using artificial bee colony algorithm. <i>Journal of Ambient Intelligence and Humanized Computing</i> ,1	3.7	4
24	A symbiotic organisms search algorithm-based design optimization of constrained multi-objective engineering design problems. <i>Engineering Computations</i> , 2021 , 38, 632-658	1.4	4
23	Grain Moisture Detection by Using A-Scan Radar Measurement 2018 ,		4
22	Chaotic Map Optimization for Image Encryption Using Triple Objective Differential Evolution Algorithm. <i>IEEE Access</i> , 2021 , 9, 127814-127832	3.5	4
21	A novel and simple expression to accurately calculate the resonant frequency of annular-ring microstrip antennas. <i>International Journal of Microwave and Wireless Technologies</i> , 2015 , 7, 727-733	0.8	3
20	Calculating the dual-frequencies of equilateral triangular compact microstrip antennas with a shorting-pin. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1227-1230	1.2	3
19	2D fully chaotic map for image encryption constructed through a quadruple-objective optimization via artificial bee colony algorithm. <i>Neural Computing and Applications</i> ,1	4.8	3
18	Multi-objective Optimization of Engineering Design Problems Through Pareto-Based Bat Algorithm. <i>Springer Tracts in Nature-inspired Computing</i> , 2021 , 19-43	1.8	3
17	Introduction and Overview: Nature-Inspired Metaheuristic Algorithms for Engineering Optimization Applications. <i>Springer Tracts in Nature-inspired Computing</i> , 2021 , 1-9	1.8	3
16	Optimally Synthesizing Multilayer Radar Absorbing Material (RAM) Using Artificial Bee Colony Algorithm 2018 ,		3
15	Notch antenna analysis: An expression for calculation of the operating frequency. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 1309-1313	1.2	2
14	CFAR based morphological filter design to remove clutter from GB-SAR images: An application to real data. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 2685-2692	1.2	2
13	Scalable Notch Antenna System for Multiport Applications. <i>International Journal of Antennas and Propagation</i> , 2016 , 2016, 1-8	1.2	2

12	A Formulaic Model Calculating the Permittivity of Testing Materials Placed on a Circular Patch Antenna 2019 ,		2
11	Multi-objective Design of Multilayer Microwave Dielectric Filters Using Artificial Bee Colony Algorithm. <i>Springer Tracts in Nature-inspired Computing</i> , 2021 , 357-372	1.8	2
10	Modified artificial bee colony algorithm with differential evolution to enhance precision and convergence performance. <i>Expert Systems With Applications</i> , 2022 , 198, 116930	7.8	2
9	A Hue-domain filtering technique for enhancing spatial sampled compressed sensing-based SAR images. <i>IET Radar, Sonar and Navigation</i> , 2019 , 13, 357-367	1.4	1
8	Log-periodic dipole array-based MIMO antenna for the mobile handsets. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 1-15	1.3	1
7	ANFIS model for determining resonant frequency of rectangular ring compact microstrip antennas. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2014 , 46, 483-490	0.4	1
6	Selected Patents on Compact Microstrip Antennas. <i>Recent Patents on Electrical Engineering</i> , 2012 , 5, 1-10		1
5	Microstrip-fed Triangular UWB Microstrip Antenna Based on DGS. <i>International Journal of Applied Mathematics Electronics and Computers</i> , 43-43	0.2	1
4	A Novel Euler Chaotic Map for Image Encryption 2021 ,		1
3	A neurocomputational model for estimating the triple-frequency of T-shaped patch antennas. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 1590-1597	1.2	0
2	E BİKİLYAMA ANTENLERİN ALI MA FREKANSININ HESAPLANMASI İ FARKLI BENME ALGORİTMA LARI İE E İTİM BİR YAPAY SİNİR AĞI TASARIMI. <i>Uludağ University Journal of the Faculty of Engineering</i> , 2016 , 21, 465-465	0.1	
1	An optimized surrogate model using differential evolution algorithm for computing parameters of antennas. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , e2951		1