DenÄ±z ÃœstÃœn

List of Publications by Year
in descending order

55 papers	395 citations	840119 11 h-index	887659 17 g-index
55 all docs	55 docs citations	55 times ranked	262 citing authors

#	Article	IF	Citations
1	Group matrix ring codes and constructions of self-dual codes. Applicable Algebra in Engineering, Communications and Computing, 2023, 34, 279-299.	0.3	6
2	Additive skew G-codes over finite fields. Applicable Algebra in Engineering, Communications and Computing, 2023, 34, 423-442.	0.3	2
3	Hyperparameter optimization of deep CNN classifier for plant species identification using artificial bee colony algorithm. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 8827-8838.	3.3	13
4	Additive Complementary Dual Codes From Group Characters. IEEE Transactions on Information Theory, 2022, 68, 4444-4452.	1.5	3
5	Modified artificial bee colony algorithm with differential evolution to enhance precision and convergence performance. Expert Systems With Applications, 2022, 198, 116930.	4.4	10
6	Maximal entanglement-assisted quantum error correction codes from the skew group ring $\mathbb{F}_4 \times_{\varphi} G$ by a heuristic search scheme. Quantum Information Processing, 2022, 21, .	1.0	4
7	A novel genetic search scheme based on nature-inspired evolutionary algorithms for binary self-dual codes. Advances in Mathematics of Communications, 2022, .	0.4	0
8	New type I binary $[72, 36, 12]$ self-dual codes from $M_6(\mathbb{F}_2)G$ - Group matrix rings by a hybrid search technique based on a neighbourhood-virus optimisation algorithm. Advances in Mathematics of Communications, 2022, .	0.4	1
9	Binary self-dual and LCD codes from generator matrices constructed from two group ring elements by a heuristic search scheme. Advances in Mathematics of Communications, 2022, .	0.4	0
10	Design Optimization of Multilayer Microwave Filter Using Differential Evolution Algorithm. , 2022, , .		0
11	Reversible G^k-codes with applications to DNA codes. Designs, Codes, and Cryptography, 2022, 90, 1679-1694.	1.0	2
12	A symbiotic organisms search algorithm-based design optimization of constrained multi-objective engineering design problems. Engineering Computations, 2021, 38, 632-658.	0.7	5
13	Surrogate-based computational analysis and design for H-shaped microstrip antenna. Journal of Electromagnetic Waves and Applications, 2021, 35, 71-82.	1.0	1
14	An image encryption scheme based on an optimal chaotic map derived by multi-objective optimization using ABC algorithm. Nonlinear Dynamics, 2021, 105, 1885-1909.	2.7	22
15	New singly and doubly even binary [72,36,12] self-dual codes from M2(R)G - group matrix rings. Finite Fields and Their Applications, 2021, 76, 101924.	0.6	2
16	Multi-objective Optimization of Engineering Design Problems Through Pareto-Based Bat Algorithm. Springer Tracts in Nature-inspired Computing, 2021, , 19-43.	1.2	7
17	A parametric simulation of the wireless power transfer with inductive coupling for electric vehicles, and modelling with artificial bee colony algorithm. Measurement: Journal of the International Measurement Confederation, 2020, 150, 107082.	2.5	23
18	An enhanced adaptive butterfly optimization algorithm rigorously verified on engineering problems and implemented to ISAR image motion compensation. Engineering Computations, 2020, 37, 3543-3566.	0.7	10

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19	Pioneer Pareto artificial bee colony algorithm for three-dimensional objective space optimization of composite-based layered radar absorber. Applied Soft Computing Journal, 2020, 96, 106696.	4.1	14
20	Global optimisation scheme based on triple‐objective ABC algorithm for designing fully optimised multi‐layer radar absorbing material. IET Microwaves, Antennas and Propagation, 2020, 14, 800-811.	0.7	14
21	Dual-element MIMO Inverted-F Antenna for Mobile Devices. , 2020, , .		0
22	Translational Motion Compensation for ISAR Images Through a Multicriteria Decision Using Surrogate-Based Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4365-4374.	2.7	17
23	A Triple-Objective Optimization Scheme Using Butterfly-Integrated ABC Algorithm for Design of Multilayer RAM. IEEE Transactions on Antennas and Propagation, 2020, 68, 5602-5612.	3.1	28
24	Dual-objective Design of Multilayer Radar Absorbing Composite Material Using Butterfly Optimization Algorithm. , 2020, , .		2
25	Adaptive Flower Pollination Algorithm Based on Spatial Dispersal. , 2020, , .		0
26	Multi-Objective Design of Multi-Layer Radar Absorber Using Surrogate-Based Optimization. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3318-3329.	2.9	51
27	Design of Quad-port Circular MIMO Antenna With Isolation Improved by Shorting Walls. , 2019, , .		1
28	Deep neural network–based soft computing the resonant frequency of E–shaped patch antennas. AEU - International Journal of Electronics and Communications, 2019, 102, 54-61.	1.7	25
29	A Formulaic Model Calculating the Permittivity of Testing Materials Placed on a Circular Patch Antenna. , 2019, , .		2
30	Determination of Feed Point by Surrogate Model Based on Radial Basis Function for Rectangular Microstrip Antennas. , 2019, , .		1
31	Design of band–notched UWB antenna using a hybrid optimization based on ABC and DE algorithms. AEU - International Journal of Electronics and Communications, 2018, 87, 10-21.	1.7	19
32	A Model of Deep Neural Network for Iris Classification With Different Activation Functions. , 2018, , .		7
33	Optimally Synthesizing Multilayer Radar Absorbing Material (RAM) Using Artificial Bee Colony Algorithm. , 2018, , .		8
34	Thingspeak Based Monitoring IoT System for Counting People in A Library. , 2018, , .		9
35	An UWB Antenna Design Having Band-Reject Characteristic by Y-Shaped Strip. , 2018, , .		3
36	Reconfigurable Band-Notched Compact C-shaped Printed Antenna for UWB Applications. , 2018, , .		0

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37	GPR Image Focusing Using Matched Filter Algorithm. , 2018, , .		0
38	WiFi Based Indoor Localization: Application and Comparison of Machine Learning Algorithms. , 2018, , .		22
39	Grain Moisture Detection by Using A-Scan Radar Measurement. , 2018, , .		6
40	Bandwidth enhancement of rectangular microstrip antenna with a rectangular slot by using a novel hybrid optimization method based on the ABC and DE algorithms. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2018, 31, e2345.	1.2	4
41	Design of a dual-wideband monopole antenna by artificial bee colony algorithm for UMTS, WLAN, and WiMAX applications. International Journal of Microwave and Wireless Technologies, 2017, 9, 1197-1208.	1.5	7
42	A study on the performance of the hybrid optimization method based on artificial bee colony and differential evolution algorithms. , 2017, , .		3
43	Usage of artificial neural network for estimating of the electrospun nanofiber diameter. , 2017, , .		0
44	Tensile shear strength and elongation of FSW parts predicted by Taguchi-based fuzzy logic. Materialpruefung/Materials Testing, 2016, 58, 351-356.	0.8	3
45	Modeling and optimization of CNC milling of AISI 1050 steel by a regression based differential evolution algorithm (DEA). Materialpruefung/Materials Testing, 2016, 58, 632-639.	0.8	2
46	Yeni Bir Melez Optimizasyon AlgoritmasÄ± Kullanarak UMTS, WLAN ve WiMAX UygulamalarÄ± iÃ§in Ã‡iftâ€"GeniÅŸ BantlÄ± Monopole Anten TasarÄ±mÄ±. Ã‡ukurova Ãœniversitesi MÃ¼hendislik-MimarlÄ±k FakÃ¼ltesi Dergisi, 2016, 31, 211-220.		1
47	Design of Butterworth and Chebyshev low-pass filter with heuristic algorithms. , 2015, , .		0
48	A novel and simple expression to accurately calculate the resonant frequency of annular-ring microstrip antennas. International Journal of Microwave and Wireless Technologies, 2015, 7, 727-733.	1.5	7
49	Grey-based fuzzy algorithm for the optimization of the ball burnishing process. Materialpruefung/Materials Testing, 2015, 57, 666-673.	0.8	3
50	ANFIS model for determining resonant frequency of rectangular ring compact microstrip antennas. International Journal of Applied Electromagnetics and Mechanics, 2014, 46, 483-490.	0.3	3
51	A powerful method based on artificial bee colony algorithm for translational motion compensation of ISAR image. Microwave and Optical Technology Letters, 2014, 56, 2691-2698.	0.9	10
52	Diagnosis of Several Diseases by Using Combined Kernels with Support Vector Machine. Journal of Medical Systems, 2012, 36, 1831-1840.	2.2	12
53	An optimized surrogate model using differential evolution algorithm for computing parameters of antennas. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 0, , e2951.	1.2	0
54	AteÅŸ BÃ¶ceÄŸi AlgoritmasÄ± Destekli AÅŸÄ±rÄ± Ã–ÄŸrenme Makinesi ile GÃ¶ÄŸÃ¼s Kanseri Veri KÃ¼melerinin SÄ±nÄ±flandÄ±rÄ±lmaï€¢ European Journal of Science and Technology, 0, , 637-644.	0.5	0

#	Article	IF	Citations
55	Mutation-Based Algebraic Artificial Bee Colony Algorithm for Computing the Distance of Linear Codes. Turkish Journal of Mathematics & Computer Science, 0, , .	0.3	0