

Ayta Altan

List of Publications by Year in Descending Order

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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.

25
papers

1,190
citations

12
h-index

28
g-index

28
ext. papers

1,693
ext. citations

4.2
avg. IF

6.42
L-index

#	Paper	IF	Citations
25	Crude oil time series prediction model based on LSTM network with chaotic Henry gas solubility optimization. <i>Energy</i> , 2022 , 242, 122964	7.9	16
24	Metaheuristic Optimization-Based Path Planning and Tracking of Quadcopter for Payload Hold-Release Mission. <i>Electronics (Switzerland)</i> , 2022 , 11, 1208	2.6	9
23	UYARLAMALI BULANIK MANTIK DENETLEY?TABANLI ?SANSIZ HAVA ARACI (HIA)âNIN ROTA TAKB?VE FAYDALI Y? TA?MA PERFORMANSI. <i>M?hendislik Bilimleri Ve Tasar?m Dergisi</i> , 2021 , 9, 116-125	0.2	1
22	A new hybrid model for wind speed forecasting combining long short-term memory neural network, decomposition methods and grey wolf optimizer. <i>Applied Soft Computing Journal</i> , 2021 , 100, 106996	7.5	181
21	Detection of solder paste defects with an optimization-based deep learning model using image processing techniques. <i>Soldering and Surface Mount Technology</i> , 2021 , ahead-of-print,	1.4	33
20	Recognition of COVID-19 disease from X-ray images by hybrid model consisting of 2D curvelet transform, chaotic salp swarm algorithm and deep learning technique. <i>Chaos, Solitons and Fractals</i> , 2020 , 140, 110071	9.3	175
19	Performance of Metaheuristic Optimization Algorithms based on Swarm Intelligence in Attitude and Altitude Control of Unmanned Aerial Vehicle for Path Following 2020 ,		23
18	Model predictive control of three-axis gimbal system mounted on UAV for real-time target tracking under external disturbances. <i>Mechanical Systems and Signal Processing</i> , 2020 , 138, 106548	7.8	189
17	A new forecasting model with wrapper-based feature selection approach using multi-objective optimization technique for chaotic crude oil time series. <i>Energy</i> , 2020 , 212, 118750	7.9	210
16	Adaptive Control of a 3D Printer using Whale Optimization Algorithm for Bio-Printing of Artificial Tissues and Organs 2020 ,		9
15	Digital currency forecasting with chaotic meta-heuristic bio-inspired signal processing techniques. <i>Chaos, Solitons and Fractals</i> , 2019 , 126, 325-336	9.3	195
14	Recognition Model for Solar Radiation Time Series based on Random Forest with Feature Selection Approach 2019 ,		27
13	Prediction of Bitcoin prices with machine learning methods using time series data 2018 ,		25
12	Hammerstein model performance of three axes gimbal system on Unmanned Aerial Vehicle (UAV) for route tracking 2018 ,		4
11	Real-Time Control based on NARX Neural Network of Hexarotor UAV with Load Transporting System for Path Tracking 2018 ,		34
10	Model Reference Adaptive Control of Load Transporting System on Unmanned Aerial Vehicle 2018 ,		6
9	Determination of Fruit Health Status and Yield with Unmanned Aerial Vehicle 2018 ,		2

8	Modeling of three-axis gimbal system on unmanned air vehicle (UAV) under external disturbances 2017,		8
7	Prediction of wind speed with non-linear autoregressive (NAR) neural networks 2017,		7
6	Model Predictive Control of Load Transporting System on Unmanned Aerial Vehicle UAV 2017,		10
5	Simultaneous localization and mapping of mines with unmanned aerial vehicle 2016,		4
4	The controller of the camera used in target tracking for unmanned vehicle with model predictive controller 2014,		7
3	Ayrıma Yöntemlerinin Derin Öğenme Algoritması ile Tanımlanan Rüzgür Hız Tahmin Modeli Başarımlı Etkisinin İncelenmesi. <i>European Journal of Science and Technology,</i>	0.4	1
2	INVESTIGATION OF ROUTE TRACKING PERFORMANCE WITH ADAPTIVE PID CONTROLLER IN QUADROTOR. <i>European Journal of Technic,</i> 160-172	0.2	12
1	The Algorithm Development and Implementation for 3D Printers based on Adaptive PID Controller. <i>Journal of Polytechnic,</i>	0	1