

Aytañ Altan

List of Publications by Year in descending order

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28
papers

2,281
citations

1163117

8
h-index

1474206

9
g-index

28
all docs

28
docs citations

28
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	A new hybrid model for wind speed forecasting combining long short-term memory neural network, decomposition methods and grey wolf optimizer. Applied Soft Computing Journal, 2021, 100, 106996.	7.2	387
2	Model predictive control of three-axis gimbal system mounted on UAV for real-time target tracking under external disturbances. Mechanical Systems and Signal Processing, 2020, 138, 106548.	8.0	344
3	A new forecasting model with wrapper-based feature selection approach using multi-objective optimization technique for chaotic crude oil time series. Energy, 2020, 212, 118750.	8.8	341
4	Digital currency forecasting with chaotic meta-heuristic bio-inspired signal processing techniques. Chaos, Solitons and Fractals, 2019, 126, 325-336.	5.1	294
5	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. Chaos, Solitons and Fractals, 2020, 140, 110071.	5.1	290
6	Crude oil time series prediction model based on LSTM network with chaotic Henry gas solubility optimization. Energy, 2022, 242, 122964.	8.8	116
7	Detection of solder paste defects with an optimization-based deep learning model using image processing techniques. Soldering and Surface Mount Technology, 2021, 33, 291-298.	1.5	87
8	Metaheuristic Optimization-Based Path Planning and Tracking of Quadcopter for Payload Hold-Release Mission. Electronics (Switzerland), 2022, 11, 1208.	3.1	71
9	Real-Time Control based on NARX Neural Network of Hexarotor UAV with Load Transporting System for Path Tracking. , 2018, , .		59
10	Performance of Metaheuristic Optimization Algorithms based on Swarm Intelligence in Attitude and Altitude Control of Unmanned Aerial Vehicle for Path Following. , 2020, , .		59
11	Prediction of Bitcoin prices with machine learning methods using time series data. , 2018, , .		55
12	Recognition Model for Solar Radiation Time Series based on Random Forest with Feature Selection Approach. , 2019, , .		45
13	Prediction of wind speed with non-linear autoregressive (NAR) neural networks. , 2017, , .		21
14	Model Predictive Control of Load Transporting System on Unmanned Aerial Vehicle UAV. , 2017, , .		18
15	Adaptive Control of a 3D Printer using Whale Optimization Algorithm for Bio-Printing of Artificial Tissues and Organs. , 2020, , .		15
16	INVESTIGATION OF ROUTE TRACKING PERFORMANCE WITH ADAPTIVE PID CONTROLLER IN QUADROTOR. European Journal of Technic, 0, , 160-172.	0.3	15
17	Modeling of three-axis gimbal system on unmanned air vehicle (UAV) under external disturbances. , 2017, , .		13
18	Model Reference Adaptive Control of Load Transporting System on Unmanned Aerial Vehicle. , 2018, , .		11

#	ARTICLE	IF	CITATIONS
19	The controller of the camera used in target tracking for unmanned vehicle with model predictive controller. , 2014, , .		10
20	Hammerstein model performance of three axes gimbal system on Unmanned Aerial Vehicle (UAV) for route tracking. , 2018, , .		7
21	Simultaneous localization and mapping of mines with unmanned aerial vehicle. , 2016, , .		5
22	Ayrık Yöntemlerin Derin Öğrenme Algoritması ile Tanımlanan Rüzgar Hızı Tahmin Modeli Bağırsak Etkisinin İncelenmesi. European Journal of Science and Technology, 0, , .	0.5	5
23	The Algorithm Development and Implementation for 3D Printers based on Adaptive PID Controller. Journal of Polytechnic, 0, , .	0.7	5
24	ROUTE TRACKING AND PAYLOAD TRANSPORTATION PERFORMANCE OF ADAPTIVE FUZZY LOGIC CONTROLLER BASED UNMANNED AERIAL VEHICLE (UAV). Mühendislik Bilimleri Ve Tasarım Dergisi, 2021, 9, 116-125.	0.3	3
25	Grasshopper Optimization Algorithm-based Adaptive Control of Extruder Pendulum System in 3D Printer. , 2021, , .		3
26	Determination of Fruit Health Status and Yield with Unmanned Aerial Vehicle. , 2018, , .		2
27	Ampirik Kip Ayrık Yöntemi ile Elde Edilen Örsel Kip Fonksiyonların Derin Öğrenme Tabanlı Rüzgar Hızı Tahmin Modeli Bağırsak Etkisinin Belirlenmesi. European Journal of Science and Technology, 0, , .	0.5	0
28	3B Yazıcıların Kontrolünde Optimizasyon Algoritmalarının Performansları. International Journal of Advances in Engineering and Pure Sciences, 0, , .	0.8	0