

Aytañ Altan

List of Publications by Year in descending order

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28
papers

2,281
citations

1162367

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1473754

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28
all docs

28
docs citations

28
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Crude oil time series prediction model based on LSTM network with chaotic Henry gas solubility optimization. Energy, 2022, 242, 122964.	4.5	116
2	Metaheuristic Optimization-Based Path Planning and Tracking of Quadcopter for Payload Hold-Release Mission. Electronics (Switzerland), 2022, 11, 1208.	1.8	71
3	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.	4.1	387
4	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.	0.1	3
5	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.	0.9	87
6	Grasshopper Optimization Algorithm-based Adaptive Control of Extruder Pendulum System in 3D Printer. , 2021, , .		3
7	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.	4.4	344
8	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.	4.5	341
9	Adaptive Control of a 3D Printer using Whale Optimization Algorithm for Bio-Printing of Artificial Tissues and Organs. , 2020, , .		15
10	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.	2.5	290
11	Performance of Metaheuristic Optimization Algorithms based on Swarm Intelligence in Attitude and Altitude Control of Unmanned Aerial Vehicle for Path Following. , 2020, , .		59
12	Digital currency forecasting with chaotic meta-heuristic bio-inspired signal processing techniques. Chaos, Solitons and Fractals, 2019, 126, 325-336.	2.5	294
13	Recognition Model for Solar Radiation Time Series based on Random Forest with Feature Selection Approach. , 2019, , .		45
14	Real-Time Control based on NARX Neural Network of Hexarotor UAV with Load Transporting System for Path Tracking. , 2018, , .		59
15	Model Reference Adaptive Control of Load Transporting System on Unmanned Aerial Vehicle. , 2018, , .		11
16	Determination of Fruit Health Status and Yield with Unmanned Aerial Vehicle. , 2018, , .		2
17	Prediction of Bitcoin prices with machine learning methods using time series data. , 2018, , .		55
18	Hammerstein model performance of three axes gimbal system on Unmanned Aerial Vehicle (UAV) for route tracking. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
19	Modeling of three-axis gimbal system on unmanned air vehicle (UAV) under external disturbances. , 2017, , .		13
20	Prediction of wind speed with non-linear autoregressive (NAR) neural networks. , 2017, , .		21
21	Model Predictive Control of Load Transporting System on Unmanned Aerial Vehicle UAV. , 2017, , .		18
22	Simultaneous localization and mapping of mines with unmanned aerial vehicle. , 2016, , .		5
23	The controller of the camera used in target tracking for unmanned vehicle with model predictive controller. , 2014, , .		10
24	Ayrıştırılabilir Yöntemlerinin Derin Öğrenme Algoritması ile Tanımlanan Rüzgâr Hızı Tahmin Modeli Bağırsız Etkisinin İncelenmesi. European Journal of Science and Technology, 0, , .	0.5	5
25	INVESTIGATION OF ROUTE TRACKING PERFORMANCE WITH ADAPTIVE PID CONTROLLER IN QUADROTOR. European Journal of Technic, 0, , 160-172.	0.2	15
26	The Algorithm Development and Implementation for 3D Printers based on Adaptive PID Controller. Journal of Polytechnic, 0, , .	0.4	5
27	Ampirik Kip Ayrıştırılabilir Yöntemi ile Elde Edilen Aşsel Kip Fonksiyonların Derin Öğrenme Tabanlı Rüzgâr Hızı Tahmin Modeli Bağırsız 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, , .	0.2	0