

Abdullah AteÅ

List of Publications by Year in descending order

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413
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization to optimization (OtoO): optimize monarchy butterfly method with stochastics multi-parameter divergence method for benchmark functions and load frequency control. Engineering With Computers, 2022, 38, 1735-1754.	6.1	5
2	Modified monarch butterfly optimization with distribution functions and its application for 3 DOF Hover flight system. Neural Computing and Applications, 2022, 34, 3697-3722.	5.6	6
3	Development of current condition assessment and target definition model for water balance practices in sustainable water loss management. Water Science and Technology: Water Supply, 2022, 22, 5028-5043.	2.1	2
4	Development of a new comprehensive framework for the evaluation of leak management components and practices. Journal of Water Supply: Research and Technology - AQUA, 2022, 71, 642-663.	1.4	4
5	Analyzing the economic water loss level with a discrete stochastic optimization algorithm by considering budget constraints. Journal of Water Supply: Research and Technology - AQUA, 2022, 71, 835-848.	1.4	2
6	Modification of Harris hawks optimization algorithm with random distribution functions for optimum power flow problem. Neural Computing and Applications, 2021, 33, 1959-1985.	5.6	26
7	Towards Industrialization of FOPID Controllers: A Survey on Milestones of Fractional-Order Control and Pathways for Future Developments. IEEE Access, 2021, 9, 21016-21042.	4.2	106
8	Enhanced equilibrium optimization method with fractional order chaotic and application engineering. Neural Computing and Applications, 2021, 33, 9849-9876.	5.6	18
9	ENDÄœSTRÄ°YEL BÄ°YOLOJÄ°K FERMANTASYON Ä°ÅžLEMÄ° Ä°Ä±Ä°N DENGE OPTÄ°MÄ°ZASYON ALGORÄ°TMASIYLA KONTROLÄ-R TASARIMI. Konya Journal of Engineering Sciences, 2021, 9, 164-179.	0.3	0
10	Determination of Economic Leakage Level with Optimization Algorithm in Water Distribution Systems. Water Economics and Policy, 2021, 07, .	1.0	9
11	Analysis of Economic Leakage Level and Infrastructure Leakage Index Indicator by Applying Active Leakage Control. Journal of Pipeline Systems Engineering and Practice, 2021, 12, 04021046.	1.6	8
12	Value Set-Based Numerical Analysis of Robust Stability for Fractional-Order Retarded Quasi-Polynomials with Uncertain Parameters and Uncertain Fractional Orders. Lecture Notes in Networks and Systems, 2021, , 18-23.	0.7	0
13	Fine-Tuning of Feedback Gain Control for Hover Quad Copter Rotors by Stochastic Optimization Methods. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 1663-1672.	2.3	9
14	Analyzing of Usage Effect of the Distribution Functions for SMDO Algorithm via Benchmark Function with Matlab Toolbox. DÄœMF MÄ¼hendislik Dergisi, 2020, 11, 989-998.	0.2	0
15	Fractional Order Filter Discretization by Particle Swarm Optimization Method. Advances in Dynamics, Patterns, Cognition, 2019, , 133-144.	0.3	0
16	Fractional Order Model Identification of Receptor-Ligand Complexes Formation by Equivalent Electrical Circuit Modeling. , 2019, , .		3
17	FarklÄ± Sensörlerle YanÄ±cÄ± GazlarÄ±n Ä°lÄ±Å¼lmesi ve Dinamik Modellenmesi. , 2019, , .		0
18	Time-domain identification of One Noninteger Order Plus Time Delay models from step response measurements. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1941011.	1.4	24

#	ARTICLE	IF	CITATIONS
19	Multi-loop Model Reference Adaptive PID Control for Fault-Tolerance. <i>Balkan Journal of Electrical and Computer Engineering</i> , 2019, 7, 276-285.	0.6	3
20	Optimization of the FO[PI] Controller for MTDS Using MAPO with Multi Objective Function. <i>SSRN Electronic Journal</i> , 2018, , .	0.4	2
21	PID2018 Benchmark Challenge: Multi-Objective Stochastic Optimization Algorithm. <i>IFAC-PapersOnLine</i> , 2018, 51, 877-881.	0.9	1
22	PID2018 Benchmark Challenge: Model Predictive Control With Conditional Integral Control Using A General Purpose Optimal Control Problem Solver â€“ RIOTS.. <i>IFAC-PapersOnLine</i> , 2018, 51, 882-887.	0.9	2
23	PID2018 Benchmark Challenge: learning feedforward control âŽž âŽžCorresponding author: Professor YangQuan Chen (yqchen@ieee.org). Y. Zhao and J. Yuan are supported by China Scholarship Council.. <i>IFAC-PapersOnLine</i> , 2018, 51, 663-668.	0.9	1
24	PID2018 Benchmark Challenge: Model-based Feedforward Compensator with A Conditional Integrator âŽž âŽžThis work was supported by China Scholarship Council (CSC) under Grant(201606090086).. <i>IFAC-PapersOnLine</i> , 2018, 51, 888-893.	0.9	2
25	Modified Artificial Physics Optimization for Multi-parameter Functions. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2018, 42, 465-478.	2.3	9
26	Effects of fractional order integration on ASDM signals. <i>International Journal of Dynamics and Control</i> , 2017, 5, 10-17.	2.5	2
27	Implementation of fractional order filters discretized by modified Fractional Order Darwinian Particle Swarm Optimization. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 107, 153-164.	5.0	30
28	Masterâ€™Slave Stochastic Optimization for Model-Free Controller Tuning. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2017, 41, 153-163.	2.3	6
29	Disturbance Rejection FOPID Control of Rotor by Multi-Objective BB-BC Optimization Algorithm. , 2017, , .		8
30	Optimization of LQR weight matrix to control three degree of freedom quadcopter. , 2017, , .		1
31	Reference-shaping adaptive control by using gradient descent optimizers. <i>PLoS ONE</i> , 2017, 12, e0188527.	2.5	17
32	Detection of RR interval alterations in ECG signals by using first order fractional filter. , 2016, , .		4
33	Improvement of IIR filter discretization for fractional order filter by discrete stochastic optimization. , 2016, , .		6
34	Optimal fractional order PID design via Tabu Search based algorithm. <i>ISA Transactions</i> , 2016, 60, 109-118.	5.7	65
35	Online Tuning of Two Degrees of Freedom Fractional Order Control Loops. <i>Balkan Journal of Electrical and Computer Engineering</i> , 2016, 4, .	0.6	11
36	Two degrees of freedom FOPID control loop design via SMDO algorithm. <i>Pamukkale University Journal of Engineering Sciences</i> , 2016, 22, 671-676.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Image processing based object tracking application with fractional-order model reference controller. Pamukkale University Journal of Engineering Sciences, 2016, 22, 659-665.	0.4	1
38	An experimental investigation for error-cube PID control. Transactions of the Institute of Measurement and Control, 2015, 37, 652-660.	1.7	6
39	Sigmoid based PID controller implementation for rotor control. , 2015, , .		11
40	Probabilistic robust stabilization of fractional order systems with interval uncertainty. ISA Transactions, 2015, 57, 101-110.	5.7	17
41	Tuning of fractional order PID with master-slave stochastic multi-parameter divergence optimization method. , 2014, , .		6
42	Tabu search algorithm for fractional order PID via nonlinear multi objective functions. , 2014, , .		3
43	A stochastic multi-parameters divergence method for online auto-tuning of fractional order PID controllers. Journal of the Franklin Institute, 2014, 351, 2411-2429.	3.4	44
44	A numerical investigation for robust stability of fractional-order uncertain systems. ISA Transactions, 2014, 53, 189-198.	5.7	60
45	Auto-tuning of PID controller according to fractional-order reference model approximation for DC rotor control. Mechatronics, 2013, 23, 789-797.	3.3	98
46	Optimizasyonun Optimizasyonu YaklaÅ±mıyla DaÅ±lma Fonksiyonu Tabanlı Kral KelebeÅ±i Optimizasyon Algoritmasının Performans Artırılması. Bilgisayar Bilimleri, 0, , .	0.0	0
47	Performance Analysis of SMDO Method with Benchmark Functions with Matlab Toolbox. Journal of the Institute of Science and Technology, 0, , 2451-2460.	0.9	0