Aslan Deniz Karaoglan

List of Publications by Year
in descending order

20 papers	319 citations	1040056 9 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	327 citing authors

#	Article	IF	Citations
1	Grasshopper optimization algorithm for diesel engine fuelled with ethanol-biodiesel-diesel blends. Case Studies in Thermal Engineering, 2022, 31, 101817.	5.7	57
2	Response surface methodology based prediction of engine performance and exhaust emissions of a diesel engine fuelled with canola oil methyl ester. Journal of Renewable and Sustainable Energy, 2013, 5, .	2.0	49
3	Using response surface design to determine the optimal parameters of genetic algorithm and a case study. International Journal of Production Research, 2013, 51, 5039-5054.	7.5	47
4	Optimization of Cutting Parameters in Face Milling with Neural Networks and Taguchi based on Cutting Force, Surface Roughness and Temperatures. International Journal of Production Research, 2013, 51, 3404-3414.	7.5	34
5	Multi-objective optimization of diesel engine performance and emission using grasshopper optimization algorithm. Fuel, 2022, 323, 124303.	6.4	22
6	Optimizing cetane improver concentration in biodiesel-diesel blend via grey wolf optimizer algorithm. Fuel, 2020, 273, 117784.	6.4	18
7	Optimization of PI parameters for DSP-based permanent magnet brushless motor drive using response surface methodology. Energy Conversion and Management, 2012, 56, 104-111.	9.2	17
8	Flow time and product cost estimation by using an artificial neural network (ANN): A case study for transformer orders. Engineering Economist, 2017, 62, 272-292.	1.1	16
9	Optimal Design of C-type Passive Filters Based on Response Surface Methodology for Typical Industrial Power Systems. Electric Power Components and Systems, 2013, 41, 653-668.	1.8	14
10	An Effective Approach Based on Response Surface Methodology for Predicting Friction Welding Parameters. High Temperature Materials and Processes, 2016, 35, 235-241.	1.4	10
11	Design Optimization of Magnetic Flux Distribution for PMG by Using Response Surface Methodology. IEEE Transactions on Magnetics, 2020, 56, 1-9.	2.1	9
12	Field study to analyse luminous comfort in classrooms. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2018, 171, 151-165.	0.7	6
13	Electrostatic powder coating process optimisation by implementing design of experiments. Transactions of the Institute of Metal Finishing, 2021, 99, 46-52.	1.3	6
14	A new painting process for vessel radiators of transformer: wet-on-wet. Journal of Applied Statistics, 2016, 43, 370-386.	1.3	5
15	Mathematical Modeling of Carbon Content and Intercritical Annealing Temperature in DP Steels by Factorial Design Method. Journal of Iron and Steel Research International, 2014, 21, 715-722.	2.8	3
16	ARL performance of residual control charts for trend AR(1) process: A case study on peroxide values of stored vegetable oil. Scientific Research and Essays, 2012, 7, .	0.4	3
17	Parameter Optimization of Fractional Order PI Î» D Î¼ Controller Using Response Surface Methodology. Advances in Dynamics, Patterns, Cognition, 2014, , 91-105.	0.3	1
18	Multiobjective Design Optimization of Stator for Synchronous Generator Using Bat Algorithm and Analysis of Magnetic Flux Density Distribution. Electric Power Components and Systems, 0, , 1-11.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Rotor design optimization of a synchronous generator by considering the damper winding effect to minimize THD using grasshopper optimization algorithm. International Journal of Optimization and Control: Theories and Applications, 2022, 12, 90-98.	1.7	1
20	Artificial Bee Colony Algorithm for Labor Intensive Project Type Job Shop Scheduling Problem: A Case Study. Lecture Notes in Management and Industrial Engineering, 2019, , 79-88.	0.4	0