

Mehmet AunkaÅ

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

931
citations

623188

14
h-index

580395

25
g-index

37
all docs

37
docs citations

37
times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and prediction of surface roughness in turning operations using artificial neural network and multiple regression method. <i>Expert Systems With Applications</i> , 2011, 38, 5826-5832.	4.4	310
2	Short-term load forecasting using fuzzy logic and ANFIS. <i>Neural Computing and Applications</i> , 2015, 26, 1355-1367.	3.2	122
3	Color image segmentation based on multiobjective artificial bee colony optimization. <i>Applied Soft Computing Journal</i> , 2015, 34, 389-401.	4.1	76
4	Design Optimization of Induction Motor by Genetic Algorithm and Comparison with Existing Motor. <i>Mathematical and Computational Applications</i> , 2006, 11, 193-203.	0.7	44
5	Long Term Electricity Demand Forecasting in Turkey Using Artificial Neural Networks. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2010, 5, 279-289.	1.8	44
6	Realization of Fuzzy Logic Controlled Brushless DC Motor Drives Using Matlab/Simulink. <i>Mathematical and Computational Applications</i> , 2010, 15, 218-229.	0.7	31
7	A new multistage short-term wind power forecast model using decomposition and artificial intelligence methods. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 534, 122177.	1.2	31
8	Cost optimization of feed mixes by genetic algorithms. <i>Advances in Engineering Software</i> , 2009, 40, 965-974.	1.8	29
9	Efficiency determination of induction motors using multi-objective evolutionary algorithms. <i>Advances in Engineering Software</i> , 2010, 41, 255-261.	1.8	27
10	Turkey's Electricity Consumption Forecasting Using Genetic Programming. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2011, 6, 406-416.	1.8	24
11	Multiobjective genetic estimation to induction motor parameters. , 2007, , .		23
12	Determination of induction motor parameters with differential evolution algorithm. <i>Neural Computing and Applications</i> , 2012, 21, 1995-2004.	3.2	18
13	Intelligent design of induction motors by multiobjective fuzzy genetic algorithm. <i>Journal of Intelligent Manufacturing</i> , 2010, 21, 393-402.	4.4	17
14	A COMPARATIVE STUDY ON PARTICLE SWARM OPTIMIZATION AND GENETIC ALGORITHMS FOR TRAVELING SALESMAN PROBLEMS. <i>Cybernetics and Systems</i> , 2009, 40, 490-507.	1.6	16
15	A tool for multiobjective evolutionary algorithms. <i>Advances in Engineering Software</i> , 2009, 40, 902-912.	1.8	14
16	Heuristic Optimization Based on Penalty Approach for Surface Permanent Magnet Synchronous Machines. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 6751-6767.	1.7	14
17	Cost optimization of submersible motors using a genetic algorithm and a finite element method. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 33, 223-232.	1.5	13
18	PERFORMANCE EVALUATION OF SUGAR PLANTS BY FUZZY TECHNIQUE FOR ORDER PERFORMANCE BY SIMILARITY TO IDEAL SOLUTION (TOPSIS). <i>Cybernetics and Systems</i> , 2012, 43, 529-548.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Design Optimization of Electric Motors by Multiobjective Fuzzy Genetic Algorithms. Mathematical and Computational Applications, 2008, 13, 153-163.	0.7	10
20	A comparative study of artificial neural network and ANFIS for short term load forecasting. , 2014, , .		8
21	Fuzzy logic-based induction motor protection system. Neural Computing and Applications, 2013, 23, 31-40.	3.2	7
22	Optimization of Location Assignment for Unit-Load AS/RS with a Dual-Shuttle. International Journal of Intelligent Systems and Applications in Engineering, 2019, 7, 66-71.	1.0	7
23	Enhanced intelligent control with adaptive system for electrically assisted bicycle. Engineering Science and Technology, an International Journal, 2022, 30, 101047.	2.0	6
24	A deep learning based decision support system for diagnosis of Temporomandibular joint disorder. Applied Acoustics, 2021, 182, 108292.	1.7	5
25	Torque optimization of submersible motors using evolutionary algorithms. , 2011, , .		4
26	A new ABC-based multiobjective optimization algorithm with an improvement approach (IBMO:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Engineering and Computer Sciences, 2016, 24, 2349-2373.	0.9	4
27	Forecasting hourly electricity demand using a hybrid method. , 2017, , .		4
28	Day Ahead Wind Power Forecasting Using Complex Valued Neural Network. , 2018, , .		4
29	A new smoothing algorithm for denoising mesh surfaces. , 2011, , .		2
30	ARTVÄ°N ÅİORLUH ÅœNÄ°VERSÄ°TESÄ° SEYÄ°TLER YERLEÅZKESÄ° ENERJÄ° TALEBÄ°NÄ°N YENÄ°LENEBÄ°LÄ°R ENERJÄ° KAYNAKLARIYLA KARÅİLANMASI. Konya Journal of Engineering Sciences, 2019, 7, 241-252.	0.1	2
31	Real time fuzzy logic controlled fire detection system for home applications. International Journal of Intelligent Engineering Informatics, 2019, 7, 441.	0.1	1
32	Determination of Induction Motor Parameters by Differential Evolution Algorithm and Genetic Algorithms. , 2009, , 777-784.		1
33	Comparative study on wind energy potential for Artvin. International Journal of Energy Applications and Technologies, 2019, 6, 65-72.	0.1	1
34	Parameter Determination of Induction Machines by Hybrid Genetic Algorithms. , 2007, , 116-124.		1
35	Genetic algorithms for mesh surface smoothing. , 2015, , .		0
36	Design optimization of tubular linear voice coil motors using swarm intelligence algorithms. Engineering Optimization, 0, , 1-18.	1.5	0

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37	Real time fuzzy logic controlled fire detection system for home applications. International Journal of Intelligent Engineering Informatics, 2019, 7, 441.	0.1	0