

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	Enhanced intelligent control with adaptive system for electrically assisted bicycle. Engineering Science and Technology, an International Journal, 2022, 30, 101047.	2.0	6
2	A deep learning based decision support system for diagnosis of Temporomandibular joint disorder. Applied Acoustics, 2021, 182, 108292.	1.7	5
3	Heuristic Optimization Based on Penalty Approach for Surface Permanent Magnet Synchronous Machines. Arabian Journal for Science and Engineering, 2020, 45, 6751-6767.	1.7	14
4	A new multistage short-term wind power forecast model using decomposition and artificial intelligence methods. Physica A: Statistical Mechanics and Its Applications, 2019, 534, 122177.	1.2	31
5	Real time fuzzy logic controlled fire detection system for home applications. International Journal of Intelligent Engineering Informatics, 2019, 7, 441.	0.1	1
6	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
7	Real time fuzzy logic controlled fire detection system for home applications. International Journal of Intelligent Engineering Informatics, 2019, 7, 441.	0.1	0
8	ARTVİN İÇİ ORUHLARIN İNCELENMESİ VE SEYİTLERİN YERLEŞTİRİLMESİ İÇİN ENERJİ TALEBİNİN YENİLENEBİLİR ENERJİ KAYNAKLARIYLA KARŞILANMASI. Konya Journal of Engineering Sciences, 2019, 7, 241-252.	0.1	2
9	Comparative study on wind energy potential for Artvin. International Journal of Energy Applications and Technologies, 2019, 6, 65-72.	0.1	1
10	Day Ahead Wind Power Forecasting Using Complex Valued Neural Network. , 2018, , .		4
11	Forecasting hourly electricity demand using a hybrid method. , 2017, , .		4
12	A new ABC-based multiobjective optimization algorithm with an improvement approach (IBMO:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Engineering and Computer Sciences, 2016, 24, 2349-2373.	0.9	4
13	Color image segmentation based on multiobjective artificial bee colony optimization. Applied Soft Computing Journal, 2015, 34, 389-401.	4.1	76
14	Genetic algorithms for mesh surface smoothing. , 2015, , .		0
15	Short-term load forecasting using fuzzy logic and ANFIS. Neural Computing and Applications, 2015, 26, 1355-1367.	3.2	122
16	A comparative study of artificial neural network and ANFIS for short term load forecasting. , 2014, , .		8
17	Fuzzy logic-based induction motor protection system. Neural Computing and Applications, 2013, 23, 31-40.	3.2	7
18	PERFORMANCE EVALUATION OF SUGAR PLANTS BY FUZZY TECHNIQUE FOR ORDER PERFORMANCE BY SIMILARITY TO IDEAL SOLUTION (TOPSIS). Cybernetics and Systems, 2012, 43, 529-548.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Determination of induction motor parameters with differential evolution algorithm. Neural Computing and Applications, 2012, 21, 1995-2004.	3.2	18
20	A new smoothing algorithm for denoising mesh surfaces. , 2011, , .		2
21	Torque optimization of submersible motors using evolutionary algorithms. , 2011, , .		4
22	Modeling and prediction of surface roughness in turning operations using artificial neural network and multiple regression method. Expert Systems With Applications, 2011, 38, 5826-5832.	4.4	310
23	Turkey's Electricity Consumption Forecasting Using Genetic Programming. Energy Sources, Part B: Economics, Planning and Policy, 2011, 6, 406-416.	1.8	24
24	Efficiency determination of induction motors using multi-objective evolutionary algorithms. Advances in Engineering Software, 2010, 41, 255-261.	1.8	27
25	Intelligent design of induction motors by multiobjective fuzzy genetic algorithm. Journal of Intelligent Manufacturing, 2010, 21, 393-402.	4.4	17
26	Realization of Fuzzy Logic Controlled Brushless DC Motor Drives Using Matlab/Simulink. Mathematical and Computational Applications, 2010, 15, 218-229.	0.7	31
27	Long Term Electricity Demand Forecasting in Turkey Using Artificial Neural Networks. Energy Sources, Part B: Economics, Planning and Policy, 2010, 5, 279-289.	1.8	44
28	A tool for multiobjective evolutionary algorithms. Advances in Engineering Software, 2009, 40, 902-912.	1.8	14
29	Cost optimization of feed mixes by genetic algorithms. Advances in Engineering Software, 2009, 40, 965-974.	1.8	29
30	A COMPARATIVE STUDY ON PARTICLE SWARM OPTIMIZATION AND GENETIC ALGORITHMS FOR TRAVELING SALESMAN PROBLEMS. Cybernetics and Systems, 2009, 40, 490-507.	1.6	16
31	Determination of Induction Motor Parameters by Differential Evolution Algorithm and Genetic Algorithms. , 2009, , 777-784.		1
32	Design Optimization of Electric Motors by Multiobjective Fuzzy Genetic Algorithms. Mathematical and Computational Applications, 2008, 13, 153-163.	0.7	10
33	Multiobjective genetic estimation to induction motor parameters. , 2007, , .		23
34	Cost optimization of submersible motors using a genetic algorithm and a finite element method. International Journal of Advanced Manufacturing Technology, 2007, 33, 223-232.	1.5	13
35	Parameter Determination of Induction Machines by Hybrid Genetic Algorithms. , 2007, , 116-124.		1
36	Design Optimization of Induction Motor by Genetic Algorithm and Comparison with Existing Motor. Mathematical and Computational Applications, 2006, 11, 193-203.	0.7	44

#	ARTICLE	IF	CITATIONS
37	Design optimization of tubular linear voice coil motors using swarm intelligence algorithms. Engineering Optimization, 0, , 1-18.	1.5	0