

Tahir Nadeem Malik

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

237
citations

1163117

8
h-index

996975

15
g-index

30
all docs

30
docs citations

30
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	A new hybrid approach for the solution of nonconvex economic dispatch problem with valve-point effects. <i>Electric Power Systems Research</i> , 2010, 80, 1128-1136.	3.6	65
2	Energy management in commercial building microgrids. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, .	2.0	17
3	Probabilistic generation model for optimal allocation of PV DG in distribution system with time-varying load models. <i>Journal of Renewable and Sustainable Energy</i> , 2017, 9, .	2.0	16
4	Energy management in residential buildings using energy hub approach. <i>Building Simulation</i> , 2020, 13, 363-386.	5.6	15
5	Least-cost generation expansion planning using whale optimization algorithm incorporating emission reduction and renewable energy sources. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12238.	1.9	13
6	A hybrid teaching-learning-based optimizer with novel radix-5 mapping procedure for minimum cost power generation planning considering renewable energy sources and reducing emission. <i>Electrical Engineering</i> , 2020, 102, 2567-2582.	2.0	13
7	Dynamic Economic Dispatch Incorporating Photovoltaic and Wind Generation using Hybrid FPA with SQP. <i>IETE Journal of Research</i> , 2020, 66, 204-213.	2.6	12
8	An improved chaotic hybrid differential evolution for the short-term hydrothermal scheduling problem considering practical constraints. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2015, 16, 404-417.	2.6	9
9	Least cost generation expansion planning in the presence of renewable energy sources using correction matrix method with indicators-based discrete water cycle algorithm. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, .	2.0	9
10	A Novel Optimization Framework for the Least Cost Generation Expansion Planning in the Presence of Renewable Energy Sources considering Regional Connectivity. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 6423-6451.	3.0	9
11	Evaporation rate based water cycle algorithm for the environmental economic scheduling of hydrothermal energy systems. <i>Journal of Renewable and Sustainable Energy</i> , 2016, 8, 044501.	2.0	8
12	Short-term hydrothermal coordination using water cycle algorithm with evaporation rate. <i>International Transactions on Electrical Energy Systems</i> , 2017, 27, e2349.	1.9	7
13	Evaporation Rate-Based Water Cycle Algorithm for Short-Term Hydrothermal Scheduling. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 2615-2630.	3.0	7
14	Biogas supported bi-level macro energy hub management system for residential customers. <i>Journal of Renewable and Sustainable Energy</i> , 2018, 10, 025501.	2.0	7
15	Peak load sharing based on blade pitch control of wind turbine in the presence of utility supply. <i>Journal of Renewable and Sustainable Energy</i> , 2014, 6, 013110.	2.0	6
16	Grid integrated photovoltaic system with fuzzy based maximum power point tracking control along with harmonic elimination. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, e3856.	3.9	5
17	Combined Emission Economic Dispatch of Power System in Presence of Solar and Wind Using Flower Pollination Algorithm. <i>Mehran University Research Journal of Engineering and Technology</i> , 2019, 38, 581-598.	0.6	4
18	Sequence Components Based Three-Phase Power Flow Algorithm with Renewable Energy Resources for A Practical Application. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Power Flow and Transient Stability Enhancement using Thyristor Controlled Series Compensation. Mehran University Research Journal of Engineering and Technology, 2018, 37, 685-700.	0.6	3
20	Risk Constrained Energy Consumption Control for Commercial Buildings. , 2019, , .		2
21	Optimal Evaluation of Power System Harmonics in Smart Grid Based on Grey Wolf Optimizer. , 2020, , .		2
22	Economic Dispatch Using Genetic Algorithm Based Hybrid Approach. , 2006, , 303.		1
23	Multirate Signal Processing: Some Useful Graphical Results. , 2007, , .		1
24	GA–EDA: Hybrid Design Space Exploration Engine for Multicore Architecture. Journal of Circuits, Systems and Computers, 2021, 30, 2150181.	1.5	1
25	Smart energy hub optimization in presence of stochastically modeled renewables and loads. International Journal of Energy Research, 2022, 46, 2858-2875.	4.5	1
26	Artificial Algae Algorithm with Multi-Light Source Movement for Economic Dispatch of Thermal Generation. Mehran University Research Journal of Engineering and Technology, 2020, 39, 564-582.	0.6	1
27	A new sequential VB-VB approach for economic dispatch of thermal generation units with convex/non-convex cost characteristics. , 2013, , .		0
28	Environmental economic dispatch of hydrothermal energy system using stud differential evolution. , 2016, , .		0
29	Biogas Energy Conversion System for Peak Load Sharing in the Presence of Utility Supply. , 2019, , .		0
30	Two-Cored Energy Management System for Industrial Microgrid. Mehran University Research Journal of Engineering and Technology, 2021, 40, 793-808.	0.6	0