

Rajeev Kumar

List of Publications by Year in descending order

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16
papers

204
citations

1163117

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all docs

17
docs citations

17
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability enhancement of multi-machine power systems using Ant colony optimization-based static Synchronous Compensator. Computers and Electrical Engineering, 2020, 83, 106589.	4.8	41
2	Power system stability enhancement by damping and control of Sub-synchronous torsional oscillations using Whale optimization algorithm based Type-2 wind turbines. ISA Transactions, 2021, 108, 240-256.	5.7	29
3	Performance assessment of PVT-air collector with V-groove absorber: A theoretical and experimental analysis. Heat and Mass Transfer, 2021, 57, 665-679.	2.1	19
4	Stability enhancement of induction generator based series compensated wind power plants by alleviating subsynchronous torsional oscillations using BFOA based optimal controller tuned STATCOM. Wind Energy, 2020, 23, 1846-1867.	4.2	17
5	Modeling and assessment of the thermo-electrical performance of a photovoltaic-thermal (PVT) system using different nanofluids. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	17
6	An intelligent Hybrid Wind-PV farm as a static compensator for overall stability and control of multimachine power system. ISA Transactions, 2022, 123, 286-302.	5.7	17
7	Performance assessment of a serpentine tube PVT system using Cu and TiO ₂ nanofluids: an experimental study. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	1.6	14
8	Virtual Inertia Emulation of Inverter Interfaced Distributed Generation (IIDG) for Dynamic Frequency Stability & Damping Enhancement Through BFOA Tuned Optimal Controller. Arabian Journal for Science and Engineering, 2022, 47, 3293-3310.	3.0	13
9	Performance assessment of the two metaheuristic techniques and their Hybrid for power system stability enhancement with PV-STATCOM. Neural Computing and Applications, 2022, 34, 3723-3744.	5.6	9
10	Multimachine stability enhancement with hybrid PSO-BFOA based PV-STATCOM. Sustainable Computing: Informatics and Systems, 2021, 32, 100615.	2.2	9
11	Grid tied solar PV system with power quality enhancement using adaptive generalized maximum Versoria criterion. CSEE Journal of Power and Energy Systems, 2021, , .	1.1	6
12	Evaluating the relative operational performance of wind power plants in Indian electricity generation sector using two-stage model. Energy and Environment, 2022, 33, 1441-1464.	4.6	5
13	A New Analytical Method for Optimal Sizing and Sitting of Type-IV DG in an Unbalanced Distribution System Considering Power Loss Minimization. Journal of Electrical Engineering and Technology, 2022, 17, 2579-2590.	2.0	4
14	Performance enrichment of hybrid photovoltaic thermal collector with different nano-fluids. Energy and Environment, 2023, 34, 1747-1769.	4.6	4
15	A Nature-Inspired Metaheuristic Swarm Based Optimization Technique BFOA Based Optimal Controller for Damping of SSR. Lecture Notes in Electrical Engineering, 2020, , 631-639.	0.4	0
16	Design and Development of Non-Linearly Controlled Class-D Audio Amplifier. Electronics (Switzerland), 2022, 11, 77.	3.1	0