

Sourav Diwania

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

234
citations

1307594

7
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Photovoltaic-thermal (PV/T) technology: a comprehensive review on applications and its advancement. International Journal of Energy and Environmental Engineering, 2020, 11, 33-54.	2.5	129
2	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
3	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
4	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
5	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
6	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
7	Multimachine stability enhancement with hybrid PSO-BFOA based PV-STATCOM. Sustainable Computing: Informatics and Systems, 2021, 32, 100615.	2.2	9
8	Performance enhancement of single-channel glazed photovoltaic thermal module using Whale Optimisation Algorithm and its comparative study. International Journal of Ambient Energy, 2021, 42, 424-434.	2.5	6
9	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
10	A Bibliographical View on Research and Developments of Photovoltaic and Thermal Technologies as a Combined System: PV/T System. Lecture Notes in Electrical Engineering, 2020, , 713-722.	0.4	4
11	Performance enrichment of hybrid photovoltaic thermal collector with different nano-fluids. Energy and Environment, 2023, 34, 1747-1769.	4.6	4
12	Hybrid GSA-CS assisted performance evaluation of single-channel PVT air collector. , 2021, , .		1
13	Performance assessment of hybrid PVT air collector using GSA-CS algorithm. IOP Conference Series: Materials Science and Engineering, 2019, 691, 012062.	0.6	0
14	Exergetic Analysis of Glazed Photovoltaic Thermal (Single-Channel) Module Using Whale Optimization Algorithm and Genetic Algorithm. Lecture Notes in Electrical Engineering, 2020, , 591-600.	0.4	0