

Gautam Raina

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

194
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Outlook on the Indian scenario of solar energy strategies: Policies and challenges. Energy Strategy Reviews, 2019, 24, 331-341.	7.3	112
2	A comprehensive assessment of electrical performance and mismatch losses in bifacial PV module under different front and rear side shading scenarios. Energy Conversion and Management, 2022, 261, 115668.	9.2	21
3	A simulation study to evaluate and compare monofacial Vs bifacial PERC PV cells and the effect of albedo on bifacial performance. Materials Today: Proceedings, 2021, 46, 5242-5247.	1.8	20
4	Study on the optimum orientation of bifacial photovoltaic module. International Journal of Energy Research, 2022, 46, 4247-4266.	4.5	16
5	Assessment of photovoltaic power generation using fin augmented passive cooling technique for different climates. Sustainable Energy Technologies and Assessments, 2022, 52, 102095.	2.7	8
6	Assessing the suitability of I-V curve translation at varying irradiance and temperature range. Sustainable Energy Technologies and Assessments, 2022, 51, 101925.	2.7	6
7	Behavior of bifacial and monofacial photovoltaic modules under partial shading scenarios. International Journal of Energy Research, 2022, 46, 12837-12853.	4.5	6
8	Study of PV Systems using Fin Augmentation in real outdoor condition. , 2019, , .		3
9	Decoding the Effects of Soiling on Bifacial Gain from Latitude Mounted Bifacial Modules. , 2021, , .		2
10	Response surface methodology based parametric analysis of the impact of installation factors on bifacial gain. , 2022, , .		0