

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 | Study on the optimum orientation of bifacial photovoltaic module. International Journal of Energy Research, 2022, 46, 4247-4266. | 4.5 | 16 |
| 2 | 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 |
| 3 | 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 |
| 4 | Behavior of bifacial and monofacial photovoltaic modules under partial shading scenarios. International Journal of Energy Research, 2022, 46, 12837-12853. | 4.5 | 6 |
| 5 | 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 |
| 6 | Response surface methodology based parametric analysis of the impact of installation factors on bifacial gain. , 2022, , . | | 0 |
| 7 | 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 |
| 8 | Decoding the Effects of Soiling on Bifacial Gain from Latitude Mounted Bifacial Modules. , 2021, , . | | 2 |
| 9 | Outlook on the Indian scenario of solar energy strategies: Policies and challenges. Energy Strategy Reviews, 2019, 24, 331-341. | 7.3 | 112 |
| 10 | Study of PV Systems using Fin Augmentation in real outdoor condition. , 2019, , . | | 3 |