

Eduardo Roman

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

754
citations

1478505

6
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

682
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Intelligent PV Module for Grid-Connected PV Systems. IEEE Transactions on Industrial Electronics, 2006, 53, 1066-1073. | 7.9 | 501 |
| 2 | Analysis of Inverter-Voltage Influence on Distributed MPPT Architecture Performance. IEEE Transactions on Industrial Electronics, 2012, 59, 3900-3907. | 7.9 | 73 |
| 3 | Experimental results of controlled PV module for building integrated PV systems. Solar Energy, 2008, 82, 471-480. | 6.1 | 50 |
| 4 | Analysis of performance of new distributed MPPT architectures. , 2010, , . | | 35 |
| 5 | Analytical study and evaluation results of power optimizers for distributed power conditioning in photovoltaic arrays. Progress in Photovoltaics: Research and Applications, 2013, 21, 359-373. | 8.1 | 32 |
| 6 | Centralized vs distributed (power optimizer) PV system architecture field test results under mismatched operating conditions. , 2011, , . | | 20 |
| 7 | Households with Fibre Reinforced Composite BIPV modules in Southern Europe under Net Metering Scheme. Renewable Energy, 2019, 137, 167-176. | 8.9 | 17 |
| 8 | Modelling and Simulation of Bifacial PV Production Using Monofacial Electrical Models. Energies, 2021, 14, 4224. | 3.1 | 13 |
| 9 | Performance analysis of a novel building integrated low concentration photovoltaic skylight with seasonal solar control. Journal of Building Engineering, 2022, 54, 104687. | 3.4 | 6 |
| 10 | CPVMatch - Concentrating photovoltaic modules using advanced technologies and cells for highest efficiencies. AIP Conference Proceedings, 2016, , . | 0.4 | 2 |
| 11 | Design and analysis of performance of a DC power optimizer for HCPV systems within CPVMatch project. AIP Conference Proceedings, 2018, , . | 0.4 | 2 |
| 12 | A Solar Dually PVT Driven Direct Expansion Heat Pump One-Year Field Operation Results at Continental Climate. Energies, 2022, 15, 3205. | 3.1 | 2 |
| 13 | PVSITES: Supporting large-scale market uptake of Building-Integrated Photovoltaic technologies. , 2018, , . | | 1 |