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List of Publications by Year
in descending order

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20 papers	364 citations	687363 13 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	164 citing authors

#	Article	IF	Citations
1	Development of a fiber daylighting system based on a small scale linear Fresnel reflector: Theoretical elements. Applied Energy, 2018, 212, 733-745.	10.1	33
2	Theoretical elements for the design of a small scale Linear Fresnel Reflector: Frontal and lateral views. Solar Energy, 2016, 132, 188-202.	6.1	32
3	Analysis of the tilt and azimuth angles of photovoltaic systems in non-ideal positions for urban applications. Applied Energy, 2022, 305, 117802.	10.1	31
4	Parametric study of the small scale linear Fresnel reflector. Renewable Energy, 2018, 116, 64-74.	8.9	30
5	Optimization of the length and position of the absorber tube in small-scale Linear Fresnel Concentrators. Renewable Energy, 2016, 99, 986-995.	8.9	27
6	Design and construction of a solar tracking system for small-scale linear Fresnel reflector with three movements. Applied Energy, 2021, 285, 116477.	10.1	27
7	Predicting beam and diffuse horizontal irradiance using Fourier expansions. Renewable Energy, 2020, 154, 46-57.	8.9	23
8	A cost-energy based methodology for small-scale linear Fresnel reflectors on flat roofs of urban buildings. Renewable Energy, 2020, 146, 944-959.	8.9	20
9	Influence of solar tracking error on the performance of a small-scale linear Fresnel reflector. Renewable Energy, 2020, 162, 43-54.	8.9	19
10	Cost estimation relationships of a small scale linear Fresnel reflector. Renewable Energy, 2019, 134, 1273-1284.	8.9	18
11	A methodology for an optimal design of ground-mounted photovoltaic power plants. Applied Energy, 2022, 314, 118881.	10.1	16
12	A comparative study between racking systems for photovoltaic power systems. Renewable Energy, 2021, 180, 424-437.	8.9	14
13	A study of the effect of the longitudinal movement on the performance of small scale linear Fresnel reflectors. Renewable Energy, 2019, 138, 128-138.	8.9	13
14	New daylight fluctuation control in an optical fiber-based daylighting system. Building and Environment, 2019, 153, 35-45.	6.9	13
15	A general algorithm for the optimization of photovoltaic modules layout on irregular rooftop shapes. Journal of Cleaner Production, 2022, 365, 132774.	9.3	13
16	Optimization of the distribution of small scale linear Fresnel reflectors on roofs of urban buildings. Applied Mathematical Modelling, 2018, 59, 233-250.	4.2	12
17	Investigating the influence of longitudinal tilt angles on the performance of small scale linear Fresnel reflectors for urban applications. Renewable Energy, 2019, 143, 1581-1593.	8.9	12
18	Non-uniform illumination in low concentration photovoltaic systems based on small-scale linear Fresnel reflectors. Energy, 2022, 239, 122217.	8.8	6

#	Article	IF	Citations
19	Wind effects on heat loss from a receiver with longitudinal tilt angle of small-scale linear Fresnel reflectors for urban applications. Renewable Energy, 2020, 162, 2166-2181.	8.9	5
20	Theoretical Deduction of the Optimum Tilt Angles for Small-Scale Linear Fresnel Reflectors. Energies, 2021, 14, 2883.	3.1	0