

Harry Suehrcke

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

798
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of roof solar reflectance on the building heat gain in a hot climate. Energy and Buildings, 2008, 40, 2224-2235.	6.7	176
2	The frequency distribution of instantaneous insolation values. Solar Energy, 1988, 40, 413-422.	6.1	119
3	On the relationship between duration of sunshine and solar radiation on the earth's surface: Ångström's equation revisited. Solar Energy, 2000, 68, 417-425.	6.1	88
4	Relationship between sunshine duration and solar radiation. Solar Energy, 2013, 92, 160-171.	6.1	59
5	The effect of intermittent solar radiation on the performance of PV systems. Solar Energy, 2018, 171, 667-674.	6.1	54
6	The diffuse fraction of instantaneous solar radiation. Solar Energy, 1988, 40, 423-430.	6.1	44
7	A three-state model for the probability distribution of instantaneous solar radiation, with applications. Solar Energy, 2013, 96, 103-112.	6.1	38
8	Solar radiation utilizability. Solar Energy, 1989, 43, 339-345.	6.1	36
9	Modelling a permanent magnet DC motor/centrifugal pump assembly in a photovoltaic energy system. Solar Energy, 1997, 59, 37-42.	6.1	29
10	Heat transfer across corrugated sheets and honeycomb transparent insulation. Solar Energy, 2004, 76, 351-358.	6.1	28
11	A performance prediction method for solar energy systems. Solar Energy, 1992, 48, 169-175.	6.1	27
12	The distribution of average instantaneous terrestrial solar radiation over the day. Solar Energy, 1989, 42, 303-309.	6.1	22
13	Control optimization of PV powered electric storage and heat pump water heaters. Solar Energy, 2021, 226, 489-500.	6.1	20
14	The dynamic response of instruments measuring instantaneous solar radiation. Solar Energy, 1990, 44, 145-148.	6.1	16
15	Diffuse fraction correlations. Solar Energy, 1991, 47, 311-312.	6.1	15
16	The effect of time errors on the accuracy of solar radiation measurements. Solar Energy, 1994, 53, 353-357.	6.1	15
17	Evaporation from an open cylinder. International Journal of Heat and Mass Transfer, 2000, 43, 2117-2128.	4.8	12