Lovedeep Sahota

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11217692/publications.pdf

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12	731	1040056	1372567
papers	citations	9	10
		h-index	g-index

12	12	12	527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Al2O3 nanoparticles on the performance of passive double slope solar still. Solar Energy, 2016, 130, 260-272.	6.1	200
2	Exergoeconomic and enviroeconomic analyses of hybrid double slope solar still loaded with nanofluids. Energy Conversion and Management, 2017, 148, 413-430.	9.2	115
3	Energy matrices, enviroeconomic and exergoeconomic analysis of passive double slope solar still with water based nanofluids. Desalination, 2017, 409, 66-79.	8.2	103
4	Review on the energy and economic efficiencies of passive and active solar distillation systems. Desalination, 2017, 401, 151-179.	8.2	103
5	Analytical characteristic equation of nanofluid loaded active double slope solar still coupled with helically coiled heat exchanger. Energy Conversion and Management, 2017, 135, 308-326.	9.2	84
6	Review on series connected photovoltaic thermal (PVT) systems: Analytical and experimental studies. Solar Energy, 2017, 150, 96-127.	6.1	59
7	Performance and cost analysis of a modified built-in-passive condenser and semitransparent photovoltaic module integrated passive solar distillation system. Journal of Energy Storage, 2019, 24, 100809.	8.1	26
8	Thermo-physical characteristics of passive double slope solar still loaded with MWCNTs and Al2O3-water based nanofluid. Materials Today: Proceedings, 2020, 32, 344-349.	1.8	21
9	Analytical Study of Thermo-Physical Performance of Nanofluid Loaded Hybrid Double Slope Solar Still. Journal of Heat Transfer, 2018, 140, .	2.1	10
10	Exergy and Technoeconomic Analysis of Solar Thermal Desalination. , 2018, , 517-580.		9
11	Evaluation of the performance parameters of a PVT system: Case study of composite environmental conditions for different Indian cities. Materials Today: Proceedings, 2021, , .	1.8	1
12	Energy and Exergy Analysis of Solar-Distillation Systems. Green Energy and Technology, 2017, , 285-318.	0.6	0