Prabha Chand

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6377210/publications.pdf

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16	415	1040056	1058476
papers	citations	9	14
		h-index	g-index

16	16	16	272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal and thermohydraulic performance of wavy finned absorber solar air heater. Solar Energy, 2016, 130, 250-259.	6.1	111
2	Performance enhancement of solar air heater using herringbone corrugated fins. Energy, 2017, 127, 271-279.	8.8	84
3	Effect of wavelength and amplitude on the performance of wavy finned absorber solar air heater. Renewable Energy, 2018, 119, 690-702.	8.9	56
4	Performance prediction of extended surface absorber solar air collector with twisted tape inserts. Solar Energy, 2018, 169, 40-48.	6.1	46
5	Evaluation of thermo hydraulic effect on offset finned absorber solar air heater. Renewable Energy, 2018, 125, 39-54.	8.9	28
6	An analytical investigations on thermal and thermohydraulic performance of offset finned absorber solar air heater. Solar Energy, 2017, 153, 25-40.	6.1	25
7	Thermal performance enhancement of solar air heater using louvered fins collector. Solar Energy, 2022, 239, 10-24.	6.1	23
8	Experimental investigations on thermal performance of solar air heater with wavy fin absorbers. Heat and Mass Transfer, 2019, 55, 2651-2666.	2.1	14
9	Parametric study on the performance of solar air heater equipped with louvered fins. Journal of Mechanical Science and Technology, 2018, 32, 3965-3973.	1.5	13
10	Thermal performance of wavy finned absorber solar air heater. International Journal of Heat and Technology, 2018, 36, 1393-1403.	0.6	5
11	Heat transfer and pressure drop characteristics of wavy fin solar air heater. International Journal of Heat and Technology, 2017, 35, 1015-1022.	0.6	4
12	Performance evaluation of solar air heater equipped with louvered fins. International Journal of Heat and Technology, 2018, 36, 741-751.	0.6	4
13	Comparative performance evaluation of louvered finned solar air heater. AIP Conference Proceedings, 2021, , .	0.4	1
14	Analytical Investigation on Solar Air Heater with Fins and Twisted Tapes. International Journal of Heat and Technology, 2019, 37, 33-40.	0.6	1
15	The effect of collector aspect ratio and fin density on the thermal performance of rectangular finned absorber solar air heaters. , 2012, , .		0
16	A packed bed solar air heating systems: Performance analysis. , 2013, , .		0