

Seyed Saeed Mostafavi Tehrani

List of Publications by Year in descending order

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14
papers

643
citations

759233

12
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

651
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of heat transfer between cylindrical and conical vertical shell-and-tube latent heat thermal energy storage systems. Applied Thermal Engineering, 2018, 130, 1349-1362.	6.0	112
2	Specific heat control of nanofluids: A critical review. International Journal of Thermal Sciences, 2016, 107, 25-38.	4.9	97
3	Design and feasibility of high temperature shell and tube latent heat thermal energy storage system for solar thermal power plants. Renewable Energy, 2016, 96, 120-136.	8.9	84
4	Annual comparative performance and cost analysis of high temperature, sensible thermal energy storage systems integrated with a concentrated solar power plant. Solar Energy, 2017, 153, 153-172.	6.1	56
5	Cyclic performance of cascaded and multi-layered solid-PCM shell-and-tube thermal energy storage systems: A case study of the 19.9 MWe Gemasolar CSP plant. Applied Energy, 2018, 228, 240-253.	10.1	55
6	Off-design simulation and performance of molten salt cavity receivers in solar tower plants under realistic operational modes and control strategies. Applied Energy, 2016, 179, 698-715.	10.1	54
7	Hourly energy analysis and feasibility study of employing a thermocline TES system for an integrated CHP and DH network. Energy Conversion and Management, 2013, 68, 281-292.	9.2	43
8	Shell-and-tube or packed bed thermal energy storage systems integrated with a concentrated solar power: A techno-economic comparison of sensible and latent heat systems. Applied Energy, 2019, 238, 887-910.	10.1	37
9	The error of neglecting natural convection in high temperature vertical shell-and-tube latent heat thermal energy storage systems. Solar Energy, 2018, 174, 489-501.	6.1	30
10	Techno-economic analysis of a concentrating solar collector with built-in shell and tube latent heat thermal energy storage. Energy, 2017, 121, 220-237.	8.8	27
11	Development of a CHP/DH system for the new town of Parand: An opportunity to mitigate global warming in Middle East. Applied Thermal Engineering, 2013, 59, 298-308.	6.0	25
12	An improved, generalized effective thermal conductivity method for rapid design of high temperature shell-and-tube latent heat thermal energy storage systems. Renewable Energy, 2019, 132, 694-708.	8.9	23
13	Part Load Behavior of Molten Salt Cavity Receiver Solar Tower Plants Under Storage Mode Operational Mode. , 2016, , .		0
14	Performance Analysis of High Temperature Sensible Heat Thermal Energy Storage Systems for Concentrated Solar Thermal Power Plants. , 2017, , .		0