List of Publications by Year in descending order

21 papers	**2,533** citations	471509 **17** h-index	794594 **19** g-index
21 all docs	**21** docs citations	**21** times ranked	**1451** citing authors

#	Article	IF	Citations
1	Enhance heat transfer for PCM melting in triplex tube with internal–external fins. Energy Conversion and Management, 2013, 74, 223-236.	9.2	385
2	Internal and external fin heat transfer enhancement technique for latent heat thermal energy storage in triplex tube heat exchangers. Applied Thermal Engineering, 2013, 53, 147-156.	6.0	365
3	Geometric and design parameters of fins employed for enhancing thermal energy storage systems: a review. Renewable and Sustainable Energy Reviews, 2018, 82, 1620-1635.	16.4	273
4	Experimental study of melting and solidification of PCM in a triplex tube heat exchanger with fins. Energy and Buildings, 2014, 68, 33-41.	6.7	265
5	Numerical study of PCM solidification in a triplex tube heat exchanger with internal and external fins. International Journal of Heat and Mass Transfer, 2013, 61, 684-695.	4.8	261
6	CFD applications for latent heat thermal energy storage: a review. Renewable and Sustainable Energy Reviews, 2013, 20, 353-363.	16.4	236
7	Review of thermal energy storage for air conditioning systems. Renewable and Sustainable Energy Reviews, 2012, 16, 5802-5819.	16.4	195
8	Heat transfer enhancement of phase change materials by fins under simultaneous charging and discharging. Energy Conversion and Management, 2017, 152, 136-156.	9.2	108
9	Experimental study of PCM melting in triplex tube thermal energy storage for liquid desiccant air conditioning system. Energy and Buildings, 2013, 60, 270-279.	6.7	88
10	Historical review of liquid desiccant evaporation cooling technology. Energy and Buildings, 2013, 67, 22-33.	6.7	63
11	Survey of hybrid liquid desiccant air conditioning systems. Renewable and Sustainable Energy Reviews, 2013, 20, 186-200.	16.4	49
12	Survey of liquid desiccant dehumidification system based on integrated vapor compression technology for building applications. Energy and Buildings, 2013, 62, 1-14.	6.7	44
13	Implementation and validation of an artificial neural network for predicting the performance of a liquid desiccant dehumidifier. Energy Conversion and Management, 2013, 67, 240-250.	9.2	38
14	Review: Survey of the control strategy of liquid desiccant systems. Renewable and Sustainable Energy Reviews, 2016, 58, 250-258.	16.4	38
15	Artificial neural network analysis of liquid desiccant dehumidifier performance in a solar hybrid air-conditioning system. Applied Thermal Engineering, 2013, 59, 389-397.	6.0	37
16	Thermal Performance Enhancement of Triplex Tube Latent Thermal Storage Using Fins-Nano-Phase Change Material Technique. Heat Transfer Engineering, 2018, 39, 1067-1080.	1.9	37
17	A combination of fins-nanoparticle for enhancing the discharging of phase-change material used for liquid desiccant air conditioning unite. Journal of Energy Storage, 2019, 24, 100784.	8.1	34
18	Artificial neural network analysis of liquid desiccant regenerator performance in a solar hybrid air-conditioning system. Sustainable Energy Technologies and Assessments, 2013, 4, 11-19.	2.7	12

#	Article	IF	Citations
19	Theoretical study of the effect of liquid desiccant mass flow rate on the performance of a cross flow parallel-plate liquid desiccant-air dehumidifier. Heat and Mass Transfer, 2013, 49, 1587-1593.	2.1	4
20	Experimental Study on Regenerator Performance of a Solar Hybrid Liquid Desiccant Air-Conditioning System. , 2016, , 723-730.		1
21	Computer Simulation of Heat and Mass Transfer in a Cross Flow Parallel-Plate Liquid Desiccant-Air Dehumidifier. , 2014, , 649-667.		0