

Weiqiang Kong

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

298
citations

10
h-index

17
g-index

18
ext. papers

374
ext. citations

6.2
avg, IF

3.28
L-index

#	Paper	IF	Citations
18	Experimental investigations on prototype heat storage units utilizing stable supercooling of sodium acetate trihydrate mixtures. <i>Applied Energy</i> , 2016 , 169, 72-80	10.7	51
17	Experimental investigations on cylindrical latent heat storage units with sodium acetate trihydrate composites utilizing supercooling. <i>Applied Energy</i> , 2016 , 177, 591-601	10.7	39
16	Thermal Conductivity Enhancement of Sodium Acetate Trihydrate by Adding Graphite Powder and the Effect on Stability of Supercooling. <i>Energy Procedia</i> , 2015 , 70, 249-256	2.3	36
15	Experimental investigations on heat content of supercooled sodium acetate trihydrate by a simple heat loss method. <i>Solar Energy</i> , 2016 , 139, 249-257	6.8	30
14	An improved dynamic test method for solar collectors. <i>Solar Energy</i> , 2012 , 86, 1838-1848	6.8	28
13	Theoretical analysis and experimental verification of a new dynamic test method for solar collectors. <i>Solar Energy</i> , 2012 , 86, 398-406	6.8	24
12	A new Laplace transformation method for dynamic testing of solar collectors. <i>Renewable Energy</i> , 2015 , 75, 448-458	8.1	18
11	Laboratory Test of a Prototype Heat Storage Module Based on Stable Supercooling of Sodium Acetate Trihydrate. <i>Energy Procedia</i> , 2015 , 70, 172-181	2.3	17
10	Demonstration of a solar combi-system utilizing stable supercooling of sodium acetate trihydrate for heat storage. <i>Applied Thermal Engineering</i> , 2020 , 166, 114647	5.8	14
9	Investigation of Thermal Performance of Flat Plate and Evacuated Tubular Solar Collectors According to a New Dynamic Test Method. <i>Energy Procedia</i> , 2012 , 30, 152-161	2.3	10
8	Testing of PCM Heat Storage Modules with Solar Collectors as Heat Source. <i>Energy Procedia</i> , 2016 , 91, 138-144	2.3	10
7	Experimental investigations on phase separation for different heights of sodium acetate water mixtures under different conditions. <i>Applied Thermal Engineering</i> , 2019 , 148, 796-805	5.8	8
6	Test method for evaluating and predicting thermal performance of thermosyphon solar domestic hot water system. <i>Applied Thermal Engineering</i> , 2019 , 146, 12-20	5.8	6
5	Review on sodium acetate trihydrate in flexible thermal energy storages: Properties, challenges and applications. <i>Journal of Energy Storage</i> , 2021 , 40, 102780	7.8	5
4	Numerical investigations of long-term thermal performance of a large water pit heat storage. <i>Solar Energy</i> , 2021 , 224, 808-822	6.8	2
3	Investigation on an air solar-driven open sorption system for comfort cooling. <i>Solar Energy</i> , 2022 , 231, 57-71	6.8	0
2	Experimental and numerical study of a latent heat storage using sodium acetate trihydrate for short and long term applications. <i>Journal of Energy Storage</i> , 2021 , 103588	7.8	0

- 1 Matching-design for inverter air-source heat pump system based on heating load characteristics of civil buildings. *Energy and Buildings*, **2022**, 260, 111952 7 0