

OsamaA Elsamni

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.

17
papers

288
citations

9
h-index

16
g-index

17
ext. papers

368
ext. citations

5.4
avg, IF

3.87
L-index

#	Paper	IF	Citations
17	Drag reduction of turbulent flow over thin rectangular ribs. <i>International Journal of Engineering Science</i> , 2007 , 45, 436-454	5.7	64
16	Mechanical design of a low cost parabolic solar dish concentrator. <i>AEJ - Alexandria Engineering Journal</i> , 2016 , 55, 1-11	6.1	50
15	Thermal performance of a heat-pipe evacuated-tube solar collector at high inlet temperatures. <i>Applied Thermal Engineering</i> , 2019 , 154, 315-325	5.8	36
14	Wire fin heat exchanger using aluminium fumarate for adsorption heat pumps. <i>Applied Thermal Engineering</i> , 2020 , 164, 114426	5.8	30
13	Effect of wave amplitude on turbulent flow in a wavy channel by direct numerical simulation. <i>Ocean Engineering</i> , 2009 , 36, 697-707	3.9	25
12	Numerical investigation of the fully developed turbulent flow over a moving wavy wall using k- ϵ turbulence model. <i>AEJ - Alexandria Engineering Journal</i> , 2011 , 50, 145-162	6.1	20
11	Optimum number and arrangement of evacuated-tube solar collectors under various operating conditions. <i>Energy Conversion and Management</i> , 2019 , 199, 112032	10.6	16
10	Performance of a solar adsorption cooling and desalination system using aluminum fumarate and silica gel. <i>Applied Thermal Engineering</i> , 2021 , 194, 117116	5.8	15
9	Numerical Investigation of Aluminum Fumarate MOF adsorbent material for adsorption desalination/cooling application. <i>Energy Procedia</i> , 2017 , 142, 1693-1698	2.3	12
8	Direct numerical simulation of turbulent flow in a vertical channel with buoyancy orthogonal to mean flow. <i>International Journal of Heat and Mass Transfer</i> , 2005 , 48, 1267-1282	4.9	8
7	Experimental evaluation of a solar two-bed lab-scale adsorption cooling system. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2747-2757	6.1	3
6	Developing laminar flow in curved semi-circular ducts. <i>AEJ - Alexandria Engineering Journal</i> , 2019 , 58, 1-8	6.1	2
5	Performance investigation of adsorption cooling and desalination systems employing thermally enhanced copper foamed bed coated with SAPO-34 and CPO-27(Ni). <i>Applied Thermal Engineering</i> , 2022 , 205, 118056	5.8	2
4	Mean flow characteristics of two-dimensional wings in ground effect. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2012 , 4, 151-161	2.3	2
3	Transient and troubleshoots management of aged small-scale steam power plants using Aspen Plus Dynamics. <i>Energy</i> , 2021 , 223, 120079	7.9	1
2	Augmenting the distillate water flux of sweeping gas membrane distillation using turbulators: A numerical investigation. <i>Case Studies in Thermal Engineering</i> , 2021 , 26, 101180	5.6	1
1	Examination of Using Aluminum-Foam/Finned-Tube Beds Packed with Maxsorb III for Adsorption Ice Production System. <i>Energies</i> , 2022 , 15, 2757	3.1	1

