

Nabeel S Dhaidan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

956
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Melting and convection of phase change materials in different shape containers: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 449-477.	16.4	279
2	Experimental and numerical investigation of melting of phase change material/nanoparticle suspensions in a square container subjected to a constant heat flux. <i>International Journal of Heat and Mass Transfer</i> , 2013, 66, 672-683.	4.8	165
3	Experimental and numerical investigation of melting of NePCM inside an annular container under a constant heat flux including the effect of eccentricity. <i>International Journal of Heat and Mass Transfer</i> , 2013, 67, 455-468.	4.8	164
4	Experimental and numerical study of constrained melting of n-octadecane with CuO nanoparticle dispersions in a horizontal cylindrical capsule subjected to a constant heat flux. <i>International Journal of Heat and Mass Transfer</i> , 2013, 67, 523-534.	4.8	103
5	Improved performance of latent heat energy storage systems utilizing high thermal conductivity fins: A review. <i>Journal of Renewable and Sustainable Energy</i> , 2017, 9, .	2.0	97
6	Nanostructures assisted melting of phase change materials in various cavities. <i>Applied Thermal Engineering</i> , 2017, 111, 193-212.	6.0	58
7	Review of solidification of phase change materials dispersed with nanoparticles in different containers. <i>Journal of Energy Storage</i> , 2022, 51, 104271.	8.1	22
8	Melting phase change of n-eicosane inside triangular cavity of two orientations. <i>Journal of Renewable and Sustainable Energy</i> , 2017, 9, .	2.0	21
9	Experimental evaluation of the melting behaviours of paraffin within a hemicylindrical storage cell. <i>International Communications in Heat and Mass Transfer</i> , 2020, 111, 104476.	5.6	17
10	Thermal Performance of Constrained Melting of PCM Inside an Elliptical Capsule of Two Orientations. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2021, 45, 515-521.	1.3	14
11	Numerical and Experimental Investigation of Melting of Paraffin in a Hemicylindrical Capsule. <i>Journal of Thermal Science and Engineering Applications</i> , 2021, 13, .	1.5	11
12	Turbulent forced convection flow inside inward&outward rib corrugated tubes with different rib&shapes. <i>Heat Transfer - Asian Research</i> , 2018, 47, 1048-1060.	2.8	5