

Samer Kahwaji

List of Publications by Year in descending order

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23
papers

845
citations

686830

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794141

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docs citations

23
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive study of properties of paraffin phase change materials for solar thermal energy storage and thermal management applications. <i>Energy</i> , 2018, 162, 1169-1182.	4.5	130
2	Fatty acids and related phase change materials for reliable thermal energy storage at moderate temperatures. <i>Solar Energy Materials and Solar Cells</i> , 2017, 167, 109-120.	3.0	122
3	Chiral modulations and reorientation effects in MnSi thin films. <i>Physical Review B</i> , 2012, 85, .	1.1	109
4	Structure and magnetic properties of MnSi epitaxial thin films. <i>Physical Review B</i> , 2010, 82, .	1.1	75
5	Stable, low-cost phase change material for building applications: The eutectic mixture of decanoic acid and tetradecanoic acid. <i>Applied Energy</i> , 2016, 168, 457-464.	5.1	66
6	Helical magnetic order in MnSi thin films. <i>Physical Review B</i> , 2011, 84, .	1.1	56
7	Prediction of the properties of eutectic fatty acid phase change materials. <i>Thermochimica Acta</i> , 2018, 660, 94-100.	1.2	52
8	Edible Oils as Practical Phase Change Materials for Thermal Energy Storage. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1627.	1.3	46
9	Pulsed laser deposition of nanostructured dichromium trioxide thin films. <i>Thin Solid Films</i> , 2006, 515, 1976-1984.	0.8	42
10	Thermal property determination for phase change materials. <i>Journal of Chemical Thermodynamics</i> , 2021, 160, 106439.	1.0	23
11	Organic Phase Change Materials for Thermal Energy Storage: Influence of Molecular Structure on Properties. <i>Molecules</i> , 2021, 26, 6635.	1.7	23
12	Phase Change Materials. , 2016, , 249-272.		18
13	Molecular structure and melting: implications for phase change materials. <i>Canadian Journal of Chemistry</i> , 2018, 96, 722-729.	0.6	14
14	In-plane and perpendicular exchange bias in [Pt/Co]/NiO multilayers. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 3970-3974.	0.8	13
15	Surfactant-mediated growth of ferromagnetic Mn $\hat{\Gamma}$ -doped Si. <i>Physical Review B</i> , 2013, 88, .	1.1	13
16	Local structure and magnetic properties of B2- and B20-like ultrathin Mn films grown on Si(001). <i>Physical Review B</i> , 2012, 85, .	1.1	11
17	Data supporting the prediction of the properties of eutectic organic phase change materials. <i>Data in Brief</i> , 2018, 17, 724-730.	0.5	8
18	The Relative Thermodynamic Stability of Diamond and Graphite. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1546-1549.	7.2	8

#	ARTICLE	IF	CITATIONS
19	Local environment of Mn in Mn delta-doped Si layers. Journal of Physics: Conference Series, 2009, 190, 012101.	0.3	5
20	The influence of a Pb surfactant on the magnetism of dilute Si ¹⁶ xMnxfilms. Journal of Applied Physics, 2013, 113, 063910.	1.1	4
21	Experimental Investigation of Thermal Management of Tablet Computers Using Phase Change Materials (PCMs). , 2016, , .		4
22	Phase change materials. , 2022, , 503-535.		3
23	The Relative Thermodynamic Stability of Diamond and Graphite. Angewandte Chemie, 2021, 133, 1570-1573.	1.6	0