

# Samer Kahwaji

## 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.

23  
papers

612  
citations

11  
h-index

23  
g-index

23  
ext. papers

723  
ext. citations

4.1  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
23	Chiral modulations and reorientation effects in MnSi thin films. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	97
22	Fatty acids and related phase change materials for reliable thermal energy storage at moderate temperatures. <i>Solar Energy Materials and Solar Cells</i> , <b>2017</b> , 167, 109-120	6.4	90
21	A comprehensive study of properties of paraffin phase change materials for solar thermal energy storage and thermal management applications. <i>Energy</i> , <b>2018</b> , 162, 1169-1182	7.9	73
20	Structure and magnetic properties of MnSi epitaxial thin films. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	69
19	Stable, low-cost phase change material for building applications: The eutectic mixture of decanoic acid and tetradecanoic acid. <i>Applied Energy</i> , <b>2016</b> , 168, 457-464	10.7	51
18	Helical magnetic order in MnSi thin films. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	50
17	Pulsed laser deposition of nanostructured dichromium trioxide thin films. <i>Thin Solid Films</i> , <b>2006</b> , 515, 1976-1984	2.2	38
16	Prediction of the properties of eutectic fatty acid phase change materials. <i>Thermochimica Acta</i> , <b>2018</b> , 660, 94-100	2.9	32
15	Edible Oils as Practical Phase Change Materials for Thermal Energy Storage. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1627	2.6	25
14	In-plane and perpendicular exchange bias in [Pt/Co]/NiO multilayers. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2007</b> , 204, 3970-3974	1.6	13
13	Molecular structure and melting: implications for phase change materials. <i>Canadian Journal of Chemistry</i> , <b>2018</b> , 96, 722-729	0.9	11
12	Surfactant-mediated growth of ferromagnetic Mn doped Si. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	11
11	Phase Change Materials <b>2016</b> , 249-272		11
10	Local structure and magnetic properties of B2- and B20-like ultrathin Mn films grown on Si(001). <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	10
9	Data supporting the prediction of the properties of eutectic organic phase change materials. <i>Data in Brief</i> , <b>2018</b> , 17, 724-730	1.2	6
8	Local environment of Mn in Mn delta-doped Si layers. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 190, 012101	0.3	5
7	Thermal property determination for phase change materials. <i>Journal of Chemical Thermodynamics</i> , <b>2021</b> , 160, 106439	2.9	5

6	The Relative Thermodynamic Stability of Diamond and Graphite. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1546-1549	16.4	5
5	The influence of a Pb surfactant on the magnetism of dilute Si <sub>1-x</sub> Mnx films. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 063910	2.5	4
4	Experimental Investigation of Thermal Management of Tablet Computers Using Phase Change Materials (PCMs) <b>2016</b> ,		3
3	Organic Phase Change Materials for Thermal Energy Storage: Influence of Molecular Structure on Properties. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
2	Phase change materials <b>2022</b> , 503-535		0
1	The Relative Thermodynamic Stability of Diamond and Graphite. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1570-1573		3