

Rebecca Ravotti

List of Publications by Year in Descending Order

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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.

12
papers

87
citations

6
h-index

9
g-index

13
ext. papers

115
ext. citations

3.5
avg, IF

2.76
L-index

#	Paper	IF	Citations
12	Thermal Energy Storage Materials (TESMs) What Does It Take to Make Them Fly?. <i>Crystals</i> , 2021 , 11, 1276	2.3	5
11	Experimental Feasibility Study of a Direct Contact Latent Heat Storage Using an Ester as a Bio-Based Storage Material. <i>Energies</i> , 2021 , 14, 511	3.1	3
10	Effect of geometry and thermal mass of Direct-Metal-Laser-Sintered aluminium Heat Exchangers filled with phase change materials on Lithium-Ion cells passive cooling. <i>Applied Thermal Engineering</i> , 2021 , 195, 117151	5.8	1
9	Assessment of the Thermal Properties of Aromatic Esters as Novel Phase Change Materials. <i>Crystals</i> , 2020 , 10, 919	2.3	2
8	Investigation of the Thermal Properties of Diesters from Methanol, 1-Pentanol, and 1-Decanol as Sustainable Phase Change Materials. <i>Materials</i> , 2020 , 13,	3.5	11
7	Passive cooling of Li-Ion cells with direct-metal-laser-sintered aluminium heat exchangers filled with phase change materials. <i>Applied Thermal Engineering</i> , 2020 , 173, 115238	5.8	8
6	Experimental Devices to Investigate the Long-Term Stability of Phase Change Materials under Application Conditions. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7968	2.6	5
5	Triglycerides as Novel Phase-Change Materials: A Review and Assessment of Their Thermal Properties. <i>Molecules</i> , 2020 , 25,	4.8	6
4	Investigation of Lactones as Innovative Bio-Sourced Phase Change Materials for Latent Heat Storage. <i>Molecules</i> , 2019 , 24,	4.8	8
3	Analysis of Bio-Based Fatty Esters PCMs Thermal Properties and Investigation of Trends in Relation to Chemical Structures. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 225	2.6	14
2	Effective Separation of a Water in Oil Emulsion from a Direct Contact Latent Heat Storage System. <i>Energies</i> , 2018 , 11, 2264	3.1	4
1	Synthesis and Investigation of Thermal Properties of Highly Pure Carboxylic Fatty Esters to Be Used as PCM. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1069	2.6	20