Rebecca Ravotti

List of Publications by Citations

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