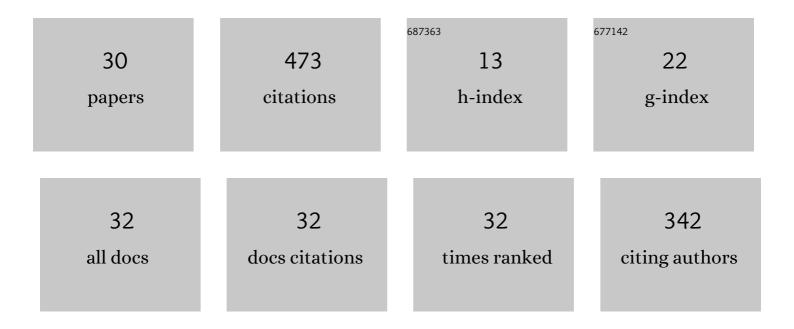
Marie Duquesne

List of Publications by Year in descending order

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MADIE DUQUESNE

#	Article	IF	CITATIONS
1	Characterization of different sugar alcohols as phase change materials for thermal energy storage applications. Solar Energy Materials and Solar Cells, 2017, 159, 560-569.	6.2	131
2	Experimental and in silico characterization of xylitol as seasonal heat storage material. Fluid Phase Equilibria, 2017, 436, 55-68.	2.5	34
3	Modeling of a nonlinear thermochemical energy storage by adsorption on zeolites. Applied Thermal Engineering, 2014, 71, 469-480.	6.0	31
4	Biosourced organic materials for latent heat storage: An economic and eco-friendly alternative. Energy, 2019, 188, 116067.	8.8	28
5	Influence of Coil Power Ranges on the E-Liquid Consumption in Vaping Devices. International Journal of Environmental Research and Public Health, 2018, 15, 1853.	2.6	23
6	Nucleation Triggering of Highly Undercooled Xylitol Using an Air Lift Reactor for Seasonal Thermal Energy Storage. Applied Sciences (Switzerland), 2019, 9, 267.	2.5	20
7	Review on the Integration of Phase Change Materials in Building Envelopes for Passive Latent Heat Storage. Applied Sciences (Switzerland), 2021, 11, 9305.	2.5	20
8	Bubble agitation as a new low-intrusive method to crystallize glass-forming materials. Energy Procedia, 2017, 139, 352-357.	1.8	19
9	Investigation of a novel bio-based phase change material hemp concrete for passive energy storage in buildings. Applied Thermal Engineering, 2022, 212, 118620.	6.0	19
10	Impact of Vaping Regimens on Electronic Cigarette Efficiency. International Journal of Environmental Research and Public Health, 2019, 16, 4753.	2.6	18
11	Analysis of crystal growth kinetics in undercooled melts by infrared thermography. Quantitative InfraRed Thermography Journal, 2015, 12, 237-251.	4.2	16
12	Hydrophobised carbon foams for improved long-term seasonal solar thermal energy storage. Solar Energy Materials and Solar Cells, 2021, 220, 110849.	6.2	16
13	Crystal growth kinetics of sugar alcohols as phase change materials for thermal energy storage. Energy Procedia, 2017, 139, 315-321.	1.8	14
14	Characterization of Fatty Acids as Biobased Organic Materials for Latent Heat Storage. Materials, 2021, 14, 4707.	2.9	13
15	Experimental analysis of heterogeneous nucleation in undercooled melts by infrared thermography. Quantitative InfraRed Thermography Journal, 2015, 12, 112-126.	4.2	12
16	Phase Diagrams of Fatty Acids as Biosourced Phase Change Materials for Thermal Energy Storage. Applied Sciences (Switzerland), 2019, 9, 1067.	2.5	12
17	Experimental Method of Emission Generation Calibration Based on Reference Liquids Characterization. International Journal of Environmental Research and Public Health, 2019, 16, 2262.	2.6	10
18	Improved infrared thermography method for fast estimation of complex phase diagrams. Thermochimica Acta, 2019, 675, 84-91.	2.7	8

MARIE DUQUESNE

#	Article	IF	CITATIONS
19	A fast and low-cost dynamic calorimetric method for phase diagram estimation of binary systems. Journal of Thermal Analysis and Calorimetry, 2021, 143, 587-598.	3.6	6
20	Microscopic infrared thermography for fast estimation of the thermal properties of thin films. Journal of Applied Physics, 2018, 124, 085111.	2.5	5
21	Applications of an infrared thermography method for solid-liquid equilibria modeling of organic binary systems. Thermochimica Acta, 2020, 687, 178580.	2.7	3
22	Performance analysis of the infrared thermography method for complex phase diagrams estimation. Journal of Thermal Analysis and Calorimetry, 2021, 143, 3577-3587.	3.6	3
23	Highlighting Specific Features to Reduce Chemical and Thermal Risks of Electronic Cigarette Use through a Technical Classification of Devices. Applied Sciences (Switzerland), 2021, 11, 5254.	2.5	3
24	Applicability of Infrared Thermography for the Detection of Phase Transitions in Metal Alloys. Applied Sciences (Switzerland), 2021, 11, 8885.	2.5	2
25	High-throughput experiment for the rapid screening of organic phase change materials. Journal of Thermal Analysis and Calorimetry, 2022, 147, 8137-8143.	3.6	2
26	Crack formation and self-healing behavior during the drying of alumina gels: Experimental studies. Drying Technology, 2016, 34, 1501-1509.	3.1	1
27	Li4Br(OH)3 microstructure monitoring over its synthesis to tackle the lithium-based salts exploitation challenges as advanced phase change materials for storage technologies. Materials and Design, 2020, 196, 109160.	7.0	1
28	Analysis of crystal growth kinetics of meta-stable phases in undercooled melts by infrared thermography. , 2014, , .		1
29	On the Use of Infrared Thermography for the Estimation of Melting Enthalpy. Applied Sciences (Switzerland), 2021, 11, 5915.	2.5	0
30	THERMODYNAMIC MODELING AND EXPERIMENTAL VALIDATION OF FATTY ORGANIC SYSTEMS SOLID-LIQUID EQUILIBRIUM. , 2019, , .		0

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