Daniel Lager

List of Publications by Year
in descending order

18	234	1307594 7	1058476 14
papers	citations	h-index	g-index

19	19	19	252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radial Thermal Conductivity Measurements of Cylindrical Lithium-Ion Batteriesâ€"An Uncertainty Study of the Pipe Method. Batteries, 2022, 8, 16.	4.5	4
2	Thermophysical Properties of a Subsoil Drill Core for Geothermal Energy Applications. Processes, 2022, 10, 496.	2.8	0
3	High-Performance Amorphous Carbon Coated LiNi0.6Mn0.2Co0.2O2 Cathode Material with Improved Capacity Retention for Lithium-Ion Batteries. Batteries, 2021, 7, 69.	4.5	7
4	CuSO4/[Cu(NH3)4]SO4-Composite Thermochemical Energy Storage Materials. Nanomaterials, 2020, 10, 2485.	4.1	4
5	Methodology to determine the apparent specific heat capacity of metal hydroxides for thermochemical energy storage. Journal of Thermal Analysis and Calorimetry, 2018, 133, 207-215.	3.6	7
6	High-Temperature Energy Storage: Kinetic Investigations of the CuO/Cu₂O Reaction Cycle. Energy & Fuels, 2017, 31, 2324-2334.	5.1	53
7	Durability of a fin-tube latent heat storage using high density polyethylene as PCM. IOP Conference Series: Materials Science and Engineering, 2017, 251, 012123.	0.6	10
8	Experimental characterization and simulation of a fin-tube latent heat storage using high density polyethylene as PCM. Applied Energy, 2016, 179, 237-246.	10.1	77
9	Fluid dynamics simulations for an open-sorption heat storage drum reactor based on thermophysical kinetics and experimental observations. Applied Thermal Engineering, 2016, 107, 994-1007.	6.0	12
10	Experimental Analysis and Numerical Modeling of a Shell and Tube Heat Storage Unit with Phase Change Materials. Industrial & Engineering Chemistry Research, 2016, 55, 8154-8164.	3.7	22
11	Thermal analysis on organic phase change materials for heat storage applications. AIP Conference Proceedings, 2016, , .	0.4	1
12	Finite element investigation of backbone binder removal from MIM copper compact. Powder Metallurgy, 2012, 55, 333-339.	1.7	0
13	Finite element sintering analysis of metal injection molded copper brown body using thermo-physical data and kinetics. Computational Materials Science, 2012, 53, 6-11.	3.0	8
14	Simulation and optimisation for thermal debinding of copper MIM parts using thermokinetic analysis. Powder Metallurgy, 2011, 54, 30-35.	1.7	5
15	Thermophysical and Spectroscopical Characterization of New Materials for Solar Thermal Applications. , 2011, , .		0
16	Sintering/shrinkage kinetics of metal injection molded copper brown body. Materials Letters, 2010, 64, 2347-2349.	2.6	7
17	Thermo-kinetics study of MIM thermal de-binding using TGA coupled with FTIR and mass spectrometry. Thermochimica Acta, 2010, 503-504, 40-45.	2.7	14
18	Sugar Alcohols and Synthetic Derivatives as Phase Change Materials. , 0, , .		1