

Ali Davoodabadi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

403
citations

840776

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1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential of hydrogen hydrate as a future hydrogen storage medium. <i>IScience</i> , 2021, 24, 101907.	4.1	58
2	Evaporation in nano/molecular materials. <i>Advances in Colloid and Interface Science</i> , 2021, 290, 102385.	14.7	12
3	Freezing of few nanometers water droplets. <i>Nature Communications</i> , 2021, 12, 6973.	12.8	24
4	Transport Phenomena in Nano/Molecular Confinements. <i>ACS Nano</i> , 2020, 14, 16348-16391.	14.6	55
5	On electrolyte wetting through lithium-ion battery separators. <i>Extreme Mechanics Letters</i> , 2020, 40, 100960.	4.1	38
6	On interfacial viscosity in nanochannels. <i>Nanoscale</i> , 2020, 12, 14626-14635.	5.6	12
7	Metal Hydroxide/Polymer Textiles for Decontamination of Toxic Organophosphates: An Extensive Study of Wettability, Catalytic Activity, and the Effects of Aggregation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31378-31385.	8.0	19
8	Analysis of electrolyte imbibition through lithium-ion battery electrodes. <i>Journal of Power Sources</i> , 2019, 424, 193-203.	7.8	61
9	Effect of calendaring and temperature on electrolyte wetting in lithium-ion battery electrodes. <i>Journal of Energy Storage</i> , 2019, 26, 101034.	8.1	52
10	Characterization of Surface Free Energy of Composite Electrodes for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A2493-A2501.	2.9	52
11	Spherical indentation of a freestanding circular membrane revisited: Analytical solutions and experiments. <i>Journal of the Mechanics and Physics of Solids</i> , 2017, 100, 85-102.	4.8	20