

Xiangyu Dou

List of Publications by Year in descending order

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9
papers

95
citations

1937632
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1474186
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g-index

9
all docs

9
docs citations

9
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium Dendrites Inhibition via Diffusion Enhancement. <i>Advanced Energy Materials</i> , 2019, 9, 1900019.	19.5	53
2	A Different View of Solvent Effects in Crystallization. <i>Crystals</i> , 2017, 7, 357.	2.2	12
3	Magnetically enhancing diffusion for dendrite-free and long-term stable lithium metal anodes. <i>Green Energy and Environment</i> , 2022, 7, 965-974.	8.7	10
4	In Situ Investigation of Dynamic Silver Crystallization Driven by Chemical Reaction and Diffusion. <i>Research</i> , 2020, 2020, 4370817.	5.7	7
5	The role of interface concentration gradient in the formation of silver dendritic particles. <i>Advanced Powder Technology</i> , 2021, 32, 1766-1773.	4.1	4
6	The role of diffusion in the nucleation of calcium carbonate. <i>Chinese Journal of Chemical Engineering</i> , 2022, 43, 275-281.	3.5	4
7	Modification of glycerol force Field for simulating silver nucleation under a diffusion limited condition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 592, 124574.	4.7	3
8	Application and Mechanism of a Novel CO ₂ -Oil Miscible Flooding Agent, CAA8-X. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2021, .	4.9	1
9	Anisotropic Growth of Silver Dendrites Regulated by Preferential Adsorption of Nitrate Ions on Crystal Facets. <i>Crystal Research and Technology</i> , 2021, 56, 2100014.	1.3	1