

Mukul D Tikekar

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

2,556
citations

840585

11
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

3434
citing authors

#	ARTICLE	IF	CITATIONS
1	A phase field model for dynamic simulations of reactive blending of polymers. <i>Soft Matter</i> , 2022, 18, 877-893.	1.2	6
2	Interfacial reaction-induced roughening in polymer thin films. <i>Soft Matter</i> , 2022, 18, 2936-2950.	1.2	1
3	Designing Polymeric Interphases for Stable Lithium Metal Deposition. <i>Nano Letters</i> , 2020, 20, 5749-5758.	4.5	23
4	Stabilizing electrochemical interfaces in viscoelastic liquid electrolytes. <i>Science Advances</i> , 2018, 4, eaao6243.	4.7	81
5	Electroconvection and Morphological Instabilities in Potentiostatic Electrodeposition across Liquid Electrolytes with Polymer Additives. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3697-A3713.	1.3	24
6	Confining electrodeposition of metals in structured electrolytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6620-6625.	3.3	49
7	Enthalpy-Driven Stabilization of Dispersions of Polymer-Grafted Nanoparticles in High-Molecular-Weight Polymer Melts. <i>Langmuir</i> , 2016, 32, 10621-10631.	1.6	16
8	Design principles for electrolytes and interfaces for stable lithium-metal batteries. <i>Nature Energy</i> , 2016, 1, .	19.8	1,339
9	Stabilizing electrodeposition in elastic solid electrolytes containing immobilized anions. <i>Science Advances</i> , 2016, 2, e1600320.	4.7	228
10	Highly Conductive, Sulfonated, UV-Cross-Linked Separators for Li ⁺ S Batteries. <i>Chemistry of Materials</i> , 2016, 28, 5147-5154.	3.2	82
11	Stable Cycling of Lithium Metal Batteries Using High Transference Number Electrolytes. <i>Advanced Energy Materials</i> , 2015, 5, 1402073.	10.2	314
12	Nanostructured Electrolytes for Stable Lithium Electrodeposition in Secondary Batteries. <i>Accounts of Chemical Research</i> , 2015, 48, 2947-2956.	7.6	195
13	Stability Analysis of Electrodeposition across a Structured Electrolyte with Immobilized Anions. <i>Journal of the Electrochemical Society</i> , 2014, 161, A847-A855.	1.3	198