

Hanyang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

359
citations

933447

10
h-index

940533

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17
all docs

17
docs citations

17
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	A general approach to composites containing nonmetallic fillers and liquid gallium. <i>Science Advances</i> , 2021, 7, .	10.3	65
2	CuInSe ₂ ultrathin nanoplatelets: novel self-sacrificial template-directed synthesis and application for flexible photodetectors. <i>Chemical Communications</i> , 2012, 48, 9162.	4.1	63
3	CVD Growth of Porous Graphene Foam in Film Form. <i>Matter</i> , 2020, 3, 487-497.	10.0	46
4	Cathode healing methods for recycling of lithium-ion batteries. <i>Sustainable Materials and Technologies</i> , 2019, 22, e00113.	3.3	36
5	Electromagnetic properties of graphene aerogels made by freeze-casting. <i>Chemical Engineering Journal</i> , 2022, 428, 131337.	12.7	24
6	Preparation of Graphite Intercalation Compounds Containing Crown Ethers. <i>Inorganic Chemistry</i> , 2016, 55, 8281-8284.	4.0	21
7	Preparation, Characterization, and Structure Trends for Graphite Intercalation Compounds Containing Pyrrolidinium Cations. <i>Chemistry of Materials</i> , 2016, 28, 969-974.	6.7	21
8	Preparation of graphite intercalation compounds containing oligo and polyethers. <i>Nanoscale</i> , 2016, 8, 4608-4612.	5.6	15
9	Pillared graphite anodes for reversible sodiation. <i>Nanotechnology</i> , 2018, 29, 325402.	2.6	15
10	Structure and Dynamic Behavior of the Na ⁺ -Crown Ether Complex in the Graphite Layers Studied by DFT and ¹ H NMR. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10963-10970.	3.1	12
11	The Electromagnetic Absorption of a Na-Ethylenediamine Graphite Intercalation Compound. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16841-16848.	8.0	12
12	Super-long barnesite Na ₂ V ₆ O ₁₆ ·3H ₂ O nanobelts for aligned film electrodes with enhanced anisotropic electrical transport. <i>RSC Advances</i> , 2012, 2, 7290.	3.6	9
13	Effect of Copper Substrate Surface Orientation on the Reductive Functionalization of Graphene. <i>Chemistry of Materials</i> , 2019, 31, 8639-8648.	6.7	6
14	Topochemical Intercalation of Graphitic Carbon Nitride with Alkali Metals in Ethylenediamine. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9947-9955.	3.1	6
15	Graphite Intercalation by Mg Diamine Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 8042-8045.	4.0	5
16	Intercalation of imidazolium cations into graphite via ion exchange. <i>Materials Letters</i> , 2018, 222, 150-152.	2.6	3