

Yuntong Zhu

List of Publications by Year in descending order

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14
papers

745
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14
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896
citing authors

#	ARTICLE	IF	CITATIONS
1	A sinter-free future for solid-state battery designs. <i>Energy and Environmental Science</i> , 2022, 15, 2927-2936.	30.8	15
2	Lithium-film ceramics for solid-state lithionic devices. <i>Nature Reviews Materials</i> , 2021, 6, 313-331.	48.7	80
3	Processing thin but robust electrolytes for solid-state batteries. <i>Nature Energy</i> , 2021, 6, 227-239.	39.5	328
4	Sub-stoichiometry-facilitated oxidation kinetics in a δ -Ti _x C-doped Ti-based alloy. <i>Npj Materials Degradation</i> , 2019, 3, .	5.8	4
5	Understanding Crystallization Kinetics of Wet-Chemically and Low-Temperature Processed Li-Garnets from Amorphous to Crystalline Phases. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
6	Effect of polymer binders on graphene-based free-standing electrodes for supercapacitors. <i>Electrochimica Acta</i> , 2018, 267, 213-221.	5.2	44
7	Boron-doped coronenes with high redox potential for organic positive electrodes in lithium-ion batteries: a first-principles density functional theory modeling study. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10111-10120.	10.3	22
8	Systematic study on structural and electronic properties of diamine/triamine functionalized graphene networks for supercapacitor application. <i>Nano Energy</i> , 2017, 31, 183-193.	16.0	124
9	Highly Conductive Polyurethane/Polyaniline-Based Composites for Wearable Electronic Applications. , 2016, , .		7
10	Molecular Level Study of Graphene Networks Functionalized with Phenylenediamine Monomers for Supercapacitor Electrodes. <i>Chemistry of Materials</i> , 2016, 28, 9110-9121.	6.7	98
11	Miniaturized Integrated Micro-Supercapacitors as Efficient Power Sources for Wearable and Biocompatible Electronic Devices. , 2016, , .		4
12	Three-dimensional graphene-based composite for flexible electronic applications. , 2015, , .		9
13	Synthesis and electrochemical characterization of InSn ₄ and InSn ₄ /C as new anode materials for lithium-ion batteries. <i>Ionics</i> , 2013, 19, 709-715.	2.4	1
14	Thermodynamic and kinetic analysis for carbothermal reduction process of CoSb alloy powders used as anode for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2011, 509, 7657-7661.	5.5	9