

Liang Chang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,816
citations

430874

18
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2929
citing authors

#	ARTICLE	IF	CITATIONS
1	Structurally and chemically engineered graphene for capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1429-1455.	10.3	45
2	1T Phase Transition Metal Dichalcogenides for Hydrogen Evolution Reaction. <i>Electrochemical Energy Reviews</i> , 2021, 4, 194-218.	25.5	65
3	Kinetic analysis and thermodynamic simulation of alkali-silica reaction in cementitious materials. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1463-1478.	3.8	13
4	Breakthroughs in Designing Commercial-Level Mass-Loading Graphene Electrodes for Electrochemical Double-Layer Capacitors. <i>Matter</i> , 2019, 1, 596-620.	10.0	79
5	One-step synthesis of high surface-area honeycomb graphene clusters for highly efficient capacitive deionization. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 134, 64-68.	4.0	14
6	3D Channel-structured graphene as efficient electrodes for capacitive deionization. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 420-425.	9.4	53
7	Surface-microporous graphene for high-performance capacitive deionization under ultralow saline concentration. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 125, 135-140.	4.0	22
8	Design and Synthesis of 3D Potassium-Ion Pre-Intercalated Graphene for Supercapacitors. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 3610-3616.	3.7	18
9	Highly conductive porous Na-embedded carbon nanowalls for high-performance capacitive deionization. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 116, 347-352.	4.0	25
10	New Chemistry for New Material: Highly Dense Mesoporous Carbon Electrode for Supercapacitors with High Areal Capacitance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33162-33169.	8.0	32
11	2.21 Supercapacitors. , 2018, , 663-695.		8
12	Excellent performance of highly conductive porous Na-embedded carbon nanowalls for electric double-layer capacitors with a wide operating temperature range. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9090-9096.	10.3	22
13	Direct conversion of CO ₂ to meso/macro-porous frameworks of surface-microporous graphene for efficient asymmetrical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23252-23258.	10.3	27
14	An Ideal Electrode Material, 3D Surface-Microporous Graphene for Supercapacitors with Ultrahigh Areal Capacitance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24655-24661.	8.0	83
15	KOH-assisted microwave post-treatment of activated carbon for efficient symmetrical double-layer capacitors. <i>International Journal of Energy Research</i> , 2017, 41, 728-735.	4.5	27
16	Excellent capacitive deionization performance of meso-carbon microbeads. <i>RSC Advances</i> , 2016, 6, 47285-47291.	3.6	10
17	The Bright Future for Electrode Materials of Energy Devices: Highly Conductive Porous Na-Embedded Carbon. <i>Nano Letters</i> , 2016, 16, 8029-8033.	9.1	50
18	Efficient Visible Light Photocatalytic CO ₂ Reforming of CH ₄ . <i>ACS Catalysis</i> , 2016, 6, 494-497.	11.2	238

#	ARTICLE	IF	CITATIONS
19	3D flower-structured graphene from CO ₂ for supercapacitors with ultrahigh areal capacitance at high current density. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10183-10187.	10.3	88
20	Nanowire Electrodes for Electrochemical Energy Storage Devices. <i>Chemical Reviews</i> , 2014, 114, 11828-11862.	47.7	617
21	Nanoscroll Buffered Hybrid Nanostructural VO ₂ (B) Cathodes for High-Rate and Long-Life Lithium Storage. <i>Advanced Materials</i> , 2013, 25, 2969-2973.	21.0	207
22	Pore-controlled synthesis of Mn ₂ O ₃ microspheres for ultralong-life lithium storage electrode. <i>RSC Advances</i> , 2013, 3, 1947-1952.	3.6	73