

Ming Chen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,776
citations

567281

15
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580821

25
g-index

28
all docs

28
docs citations

28
times ranked

2742
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductive Metal-Organic Frameworks for Supercapacitors. <i>Advanced Materials</i> , 2022, 34, e2200999.	21.0	101
2	Progress on predicting the electrochemical stability window of electrolytes. <i>Current Opinion in Electrochemistry</i> , 2022, 34, 101030.	4.8	11
3	Regulating interfacial structure enables high-voltage dilute ether electrolytes. <i>Cell Reports Physical Science</i> , 2022, 3, 100919.	5.6	12
4	Aqueous interphase formed by CO ₂ brings electrolytes back to salt-in-water regime. <i>Nature Chemistry</i> , 2021, 13, 1061-1069.	13.6	57
5	Inhibiting Dendrite Growth via Regulating the Electrified Interface for Fast-Charging Lithium Metal Anode. <i>ACS Central Science</i> , 2021, 7, 2029-2038.	11.3	24
6	Enforced Freedom: Electric-Field-Induced Declustering of Ionic-Liquid Ions in the Electrical Double Layer. <i>Energy and Environmental Materials</i> , 2020, 3, 414-420.	12.8	17
7	Adding salt to expand voltage window of humid ionic liquids. <i>Nature Communications</i> , 2020, 11, 5809.	12.8	60
8	Molecular understanding of charge storage and charging dynamics in supercapacitors with MOF electrodes and ionic liquid electrolytes. <i>Nature Materials</i> , 2020, 19, 552-558.	27.5	405
9	DFT Study on the Hydrogen Evolution Reaction for Different Facets of Co ₂ P. <i>ChemElectroChem</i> , 2019, 6, 260-267.	3.4	42
10	Free and Bound States of Ions in Ionic Liquids, Conductivity, and Underscreening Paradox. <i>Physical Review X</i> , 2019, 9, .	8.9	54
11	Densely Populated Isolated Single Co _{1/2} N Site for Efficient Oxygen Electrocatalysis. <i>Advanced Energy Materials</i> , 2019, 9, 1900149.	19.5	262
12	Stabilization of layered manganese oxide by substitutional cation doping. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7118-7127.	10.3	14
13	Effect of Pore Size on the Ion Electrosorption and Hydrogen/Deuterium Electrosorption Using Sodium Chloride in H ₂ O and D ₂ O. <i>Journal of the Electrochemical Society</i> , 2019, 166, A4158-A4167.	2.9	8
14	Aqueous thermogalvanic cells with a high Seebeck coefficient for low-grade heat harvest. <i>Nature Communications</i> , 2018, 9, 5146.	12.8	255
15	Atmospheric-Pressure Synthesis of 2D Nitrogen-Rich Tungsten Nitride. <i>Advanced Materials</i> , 2018, 30, e1805655.	21.0	104
16	In Situ Tracking of Partial Sodium Desolvation of Materials with Capacitive, Pseudocapacitive, and Battery-like Charge/Discharge Behavior in Aqueous Electrolytes. <i>Langmuir</i> , 2018, 34, 13132-13143.	3.5	20
17	Minimum break relay dependency set approach for coordination of directional relays in multi-loop networks. <i>IET Generation, Transmission and Distribution</i> , 2017, 11, 1279-1285.	2.5	7
18	Rapid mass production of two-dimensional metal oxides and hydroxides via the molten salts method. <i>Nature Communications</i> , 2017, 8, 15630.	12.8	258

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19	The Influence of Anion Shape on the Electrical Double Layer Microstructure and Capacitance of Ionic Liquids-Based Supercapacitors by Molecular Simulations. <i>Molecules</i> , 2017, 22, 241.	3.8	15
20	The Double-Spiral Antenna for the Production of Microwave Plasma Jets. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 1894-1900.	1.3	2
21	A New Remote Control Microwave Plasma Jet Excited by Surface Waves. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3942-3948.	1.3	4
22	Research on branches group based method for adding mutual inductance branches to Y-matrix and Z-matrix. , 2014, , .		3
23	Fabrication of SnS Using PECVD Method With Combined Solid Sources. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 2792-2793.	1.3	1
24	Evolution of Argon Discharges in Bottle-Shaped Tube Excited by Surface Plasmon Polaritons With a Low Power Operation. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 2838-2839.	1.3	0
25	Microwave Plasma Jets Excited With Low Power. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 2424-2425.	1.3	4
26	Influence of the deposition parameters on the properties of SnS ₂ films prepared by PECVD method combined with solid sources. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	21
27	Study on Argon Plasma Jets at Atmospheric Pressure in Ambient Air Excited by Surface Waves. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 911-916.	1.3	15