

Shengwen

List of Publications by Year in descending order

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16
papers

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1163117

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17
times ranked

405
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-modification of conductive graphite and Zr doping to enhance the Li-storage properties of Ni-rich binary cathode material. <i>Ionics</i> , 2022, 28, 1055-1064.	2.4	3
2	A two-dimensional MXene/BN van der Waals heterostructure as an anode material for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13713-13719.	2.8	9
3	Induction and Maintenance of Local Structural Durability for High-Energy Nickel-Rich Layered Oxides. <i>Small Methods</i> , 2022, 6, e2200255.	8.6	9
4	First-principles insights into ammonia decomposition on the MoN(0001) surface. <i>New Journal of Chemistry</i> , 2021, 45, 15234-15239.	2.8	4
5	Three Methods to Reduce Gas Evolution from a Lithium-Rich Manganese/Graphite Pouch Cell. <i>Energy & Fuels</i> , 2021, 35, 15143-15152.	5.1	5
6	Xylitol-assisted ball milling of graphite to prepare long-cycle and high-capacity graphene nanosheet as lithium-ion anode materials. <i>Journal of Materials Science</i> , 2021, 56, 18200-18209.	3.7	8
7	The use of a single-crystal nickel-rich layered NCM cathode for excellent cycle performance of lithium-ion batteries. <i>New Journal of Chemistry</i> , 2021, 45, 3652-3659.	2.8	33
8	Synergistically Enhanced Electrochemical Performance of Ni-rich Cathode Materials for Lithium-ion Batteries by K and Ti Co-modification. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2346-2356.	3.1	96
9	An aqueous ZnCl ₂ /Fe(bpy) ₃ Cl ₂ flow battery with mild electrolyte. <i>Frontiers of Materials Science</i> , 2020, 14, 442-449.	2.2	7
10	Li ₂ TiO ₃ and Li ₂ ZrO ₃ co-modification LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode material with improved high-voltage cycling performance for lithium-ion batteries. <i>Solid State Ionics</i> , 2020, 349, 115292.	2.7	55
11	Ni-Rich Oxide LiNi _{0.85} Co _{0.05} Mn _{0.1} O ₂ for Lithium Ion Battery: Effect of Microwave Radiation on Its Morphology and Electrochemical Property. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1300-A1309.	2.9	37
12	Synergistic and Durable Pt-WC Catalyst for Methanol Electro-Oxidation in Ionic Liquid Aqueous Solution. <i>ACS Applied Energy Materials</i> , 2019, 2, 8459-8463.	5.1	19
13	Facile synthesis of Li ₂ ZrO ₃ -modified LiNi _{0.5} Mn _{0.5} O ₂ cathode material from a mechanical milling route for lithium-ion batteries. <i>Journal of Electroceramics</i> , 2019, 43, 84-91.	2.0	12
14	Microwave-Assisted Synthesis of Co ₃ O ₄ Sheets for Reversible Li Storage: Regulation of Structure and Performance. <i>ChemElectroChem</i> , 2017, 4, 1236-1242.	3.4	19
15	Synthesis and electrochemical properties of LiNi _{0.8} Co _x Mn _{0.2-x} O ₂ positive-electrode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 212, 343-351.	5.2	46
16	Compressibility and crystalline structures of PVDF membranes under elevated gravity acceleration by two-axis spin coating technology. <i>Physical Chemistry Chemical Physics</i> , 0, , .	2.8	5