Qingyuan Li

List of Publications by Year in descending order

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27	1,083	430874	526287
papers	citations	18 h-index	27 g-index

27	27	27	1268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuning Anionic Redox Activity and Reversibility for a Highâ€Capacity Liâ€Rich Mnâ€Based Oxide Cathode via an Integrated Strategy. Advanced Functional Materials, 2019, 29, 1806706.	14.9	121
2	The effect of oxygen vacancy and spinel phase integration on both anionic and cationic redox in Li-rich cathode materials. Journal of Materials Chemistry A, 2020, 8, 7733-7745.	10.3	101
3	Improving the oxygen redox reversibility of Li-rich battery cathode materials via Coulombic repulsive interactions strategy. Nature Communications, 2022, 13, 1123.	12.8	81
4	Understanding the Multiple Effects of TiO₂ Coating on NaMn_{0.33}Fe_{0.33}Ni_{0.33}O₂ Cathode Material for Na-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 933-942.	5.1	78
5	Simultaneously tuning cationic and anionic redox in a P2-Na_{0.67}Mn_{0.75}Ni_{0.25}O₂ cathode material through synergic Cu/Mg co-doping. Journal of Materials Chemistry A, 2019, 7, 9099-9109.	10.3	76
6	Revealing the anionic redox chemistry in O3-type layered oxide cathode for sodium-ion batteries. Energy Storage Materials, 2021, 38, 130-140.	18.0	65
7	Rational design of SnO2@C@MnO2 hierarchical hollow hybrid nanospheres for a Li-ion battery anode with enhanced performances. Electrochimica Acta, 2018, 262, 1-8.	5.2	60
8	Urchin-like Î±-Fe2O3/MnO2 hierarchical hollow composite microspheres as lithium-ion battery anodes. Journal of Power Sources, 2018, 393, 186-192.	7.8	60
9	SnO₂@C@VO₂ Composite Hollow Nanospheres as an Anode Material for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 14993-15000.	8.0	58
10	O3-type NaNi0.5Mn0.5O2 hollow microbars with exposed {0â€¯1â€¯0} facets as high performance cathode materials for sodium-ion batteries. Chemical Engineering Journal, 2020, 382, 122978.	12.7	54
11	Recent advances in one-dimensional organic pâ€“n heterojunctions for optoelectronic device applications. Journal of Materials Chemistry C, 2016, 4, 9388-9398.	5.5	41
12	Designing advanced P3-type K0.45Ni0.1Co0.1Mn0.8O2 and improving electrochemical performance via Al/Mg doping as a new cathode Material for potassium-ion batteries. Journal of Power Sources, 2020, 464, 228190.	7.8	34
13	Tailoring the carbon shell thickness of SnCo@nitrogen-doped carbon nanocages for optimized lithium storage. Electrochimica Acta, 2018, 282, 799-806.	5.2	31
14	Facilitating Reversible Cation Migration and Suppressing O₂ Escape for High Performance Liâ€Rich Oxide Cathodes. Small, 2022, 18, e2201014.	10.0	28
15	Tuning Both Anionic and Cationic Redox Chemistry of Li-Rich Li_{1.2}Mn_{0.6}Ni_{0.2}O₂ via a â€œThree-in-Oneâ€• Strategy. Chemistry of Materials, 2020, 32, 9404-9414.	6.7	27
16	Enhancing field-effect mobility and maintaining solid-state emission by incorporating 2,6-diphenyl substitution to 9,10-bis(phenylethynyl)anthracene. Journal of Materials Chemistry C, 2017, 5, 2519-2523.	5.5	24
17	é€šè¿‡ä¸€ç§ååŒç–ç•¥èºƒèŠ‚P2åž‹Na0.67Mn0.5Fe0.5O2æ£æžææ–™çš„é˜´/é˜³ç¦»åæ°§åŒ–è¿˜åŽŸå®º". Science China Materials, 2020,	6.3	23
18	Topological polymer electrolyte containing poly(pinacol vinylboronate) segments composited with ceramic nanowires towards ambient-temperature superior performance all-solid-state lithium batteries. Journal of Power Sources, 2019, 413, 318-326.	7.8	22

#	Article	IF	Citations
19	A ketone-containing all-solid-state polymer electrolyte with rapid Li-ion conduction for lithium metal batteries. Chemical Engineering Journal, 2022, 427, 132025.	12.7	20
20	Tuning crystal polymorphs of a Ï€-extended tetrathiafulvalene-based cruciform molecule towards high-performance organic field-effect transistors. Science China Materials, 2017, 60, 75-82.	6.3	14
21	Unraveling the Distinct Roles of Mg Occupation on Li or Co Sites on High-Voltage LiCoO₂. Journal of the Electrochemical Society, 2021, 168, 030528.	2.9	13
22	A dendrite-suppressed flexible polymer-in-ceramic electrolyte membrane for advanced lithium batteries. Electrochimica Acta, 2020, 353, 136604.	5.2	12
23	In Operando Neutron Scattering Multipleâ€Scale Studies of Lithiumâ€Ion Batteries. Small, 2022, 18, e2107491.	10.0	11
24	Preparation of Zn₂SnO₄/SnO₂@Mn₂O₃ Microbox Composite Materials with Enhanced Lithiumâ€Storage Properties. ChemElectroChem, 2017, 4, 1334-1340.	3.4	10
25	Synthesis and lithium storage properties of nickel silicate hierarchical hollow cubes. Materials Letters, 2016, 180, 35-37.	2.6	7
26	Lithiumâ€Ion Batteries: Tuning Anionic Redox Activity and Reversibility for a Highâ€Capacity Liâ€Rich Mnâ€Based Oxide Cathode via an Integrated Strategy (Adv. Funct. Mater. 10/2019). Advanced Functional Materials, 2019, 29, 1970064.	14.9	7
27	General Synthesis and Lithium Storage Properties of Metal Oxides/MnO₂ Hierarchical Hollow Hybrid Spheres. Particle and Particle Systems Characterization, 2018, 35, 1700336.	2.3	5