# Qingyuan Li

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4453075/publications.pdf

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|---|---|---|---|
| 27 papers | 1,083 citations | 430874 18 h-index | 526287 27 g-index |
| 27 all docs | 27 docs citations | 27 times ranked | 1268 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | In Operando Neutron Scattering Multipleâ€Scale Studies of Lithiumâ€Ion Batteries. Small, 2022, 18, e2107491. | 10.0 | 11 |
| 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 | Facilitating Reversible Cation Migration and Suppressing O<sub>2</sub> Escape for High Performance Liâ€Rich Oxide Cathodes. Small, 2022, 18, e2201014. | 10.0 | 28 |
| 5 | Unraveling the Distinct Roles of Mg Occupation on Li or Co Sites on High-Voltage LiCoO<sub>2</sub>. Journal of the Electrochemical Society, 2021, 168, 030528. | 2.9 | 13 |
| 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 | 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 |
| 8 | Understanding the Multiple Effects of TiO<sub>2</sub> Coating on NaMn<sub>0.33</sub>Fe<sub>0.33</sub>Ni<sub>0.33</sub>O<sub>2</sub> Cathode Material for Na-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 933-942. | 5.1 | 78 |
| 9 | Tuning Both Anionic and Cationic Redox Chemistry of Li-Rich Li<sub>1.2</sub>Mn<sub>0.6</sub>Ni<sub>0.2</sub>O<sub>2</sub> via a â€œThree-in-Oneâ€•Strategy. Chemistry of Materials, 2020, 32, 9404-9414. | 6.7 | 27 |
| 10 | A dendrite-suppressed flexible polymer-in-ceramic electrolyte membrane for advanced lithium batteries. Electrochimica Acta, 2020, 353, 136604. | 5.2 | 12 |
| 11 | 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 |
| 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 | é€šè¿‡ä¸€ç§åŒæ––ç•¥è°ƒèŠ‚P2åž‹Na0.67Mn0.5Fe0.5O2æ£æžæ–™çš„é˜³ç¦»ååŒ–è¿˜åŽŸåº””. Science China Materials, 2020, | 6.8 | 23 |
| 14 | Simultaneously tuning cationic and anionic redox in a P2-Na<sub>0.67</sub>Mn<sub>0.75</sub>Ni<sub>0.25</sub>O<sub>2</sub> cathode material through synergic Cu/Mg co-doping. Journal of Materials Chemistry A, 2019, 7, 9099-9109. | 10.3 | 76 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | SnO<sub>2</sub>@C@VO<sub>2</sub> Composite Hollow Nanospheres as an Anode Material for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 14993-15000. | 8.0 | 58 |

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|---|---|---|---|
| 19 | General Synthesis and Lithium Storage Properties of Metal Oxides/MnO<sub>2</sub> Hierarchical Hollow Hybrid Spheres. Particle and Particle Systems Characterization, 2018, 35, 1700336. | 2.3 | 5 |
| 20 | 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 |
| 21 | 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 |
| 22 | Tailoring the carbon shell thickness of SnCo@nitrogen-doped carbon nanocages for optimized lithium storage. Electrochimica Acta, 2018, 282, 799-806. | 5.2 | 31 |
| 23 | 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 |
| 24 | Preparation of Zn<sub>2</sub>SnO<sub>4</sub>/SnO<sub>2</sub>@Mn<sub>2</sub>O<sub>3</sub> Microbox Composite Materials with Enhanced Lithiumâ€Storage Properties. ChemElectroChem, 2017, 4, 1334-1340. | 3.4 | 10 |
| 25 | 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 |
| 26 | 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 |
| 27 | Synthesis and lithium storage properties of nickel silicate hierarchical hollow cubes. Materials Letters, 2016, 180, 35-37. | 2.6 | 7 |