# Ya You

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3386554/publications.pdf

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|---|---|---|---|
| 45<br>papers | 7,772<br>citations | 94269<br>37<br>h-index | 243296<br>44<br>g-index |
| 45<br>all docs | 45<br>docs citations | 45<br>times ranked | 8386<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Improving Sodium Storage Performance of Hard Carbon Anodes in Cyclic Ether Electrolytes by an Anion Receptor Additive. Journal of the Electrochemical Society, 2022, 169, 020561. | 1.3 | 11 |
| 2 | Organic Solvothermal Method Promoted Monoclinic Prussian Blue as a Superior Cathode for Na-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 6927-6935. | 2.5 | 15 |
| 3 | Polycrystalline Prussian White Aggregates as a High-Rate and Long-Life Cathode for High-Temperature Sodium-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 8123-8131. | 2.5 | 10 |
| 4 | Materials Design for Highâ€Safety Sodiumâ€Ion Battery. Advanced Energy Materials, 2021, 11, 2000974. | 10.2 | 282 |
| 5 | Highly Crystallized Prussian Blue with Enhanced Kinetics for Highly Efficient Sodium Storage. ACS Applied Materials & Interfaces, 2021, 13, 3999-4007. | 4.0 | 98 |
| 6 | Long-Term Cyclability of NCM-811 at High Voltages in Lithium-Ion Batteries: an In-Depth Diagnostic Study. Chemistry of Materials, 2020, 32, 7796-7804. | 3.2 | 152 |
| 7 | Insights into the Improved Chemical Stability against Water of LiF-Incorporated Layered Oxide Cathodes for Sodium-Ion Batteries. , 2019, 1, 89-95. | | 39 |
| 8 | Strategies for improving the storage performance of silicon-based anodes in lithium-ion batteries. Nano Research, 2019, 12, 1739-1749. | 5.8 | 79 |
| 9 | Understanding the Air-Exposure Degradation Chemistry at a Nanoscale of Layered Oxide Cathodes for Sodium-Ion Batteries. Nano Letters, 2019, 19, 182-188. | 4.5 | 122 |
| 10 | Modified Highâ€Nickel Cathodes with Stable Surface Chemistry Against Ambient Air for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2018, 57, 6480-6485. | 7.2 | 234 |
| 11 | Modified Highâ€Nickel Cathodes with Stable Surface Chemistry Against Ambient Air for Lithiumâ€Ion Batteries. Angewandte Chemie, 2018, 130, 6590-6595. | 1.6 | 38 |
| 12 | High-Capacity and Long-Cycle Life Aqueous Rechargeable Lithium-Ion Battery with the FePO<sub>4</sub> Anode. ACS Applied Materials & Interfaces, 2018, 10, 7061-7068. | 4.0 | 34 |
| 13 | Nitrogen-Doped Perovskite as a Bifunctional Cathode Catalyst for Rechargeable Lithiumâ€“Oxygen Batteries. ACS Applied Materials & Interfaces, 2018, 10, 5543-5550. | 4.0 | 100 |
| 14 | Improving the Performance of Hard Carbon//Na<sub>3</sub>V<sub>2</sub>O<sub>2</sub>(PO<sub>4</sub>)<sub>2</sub>F Sodium-Ion Full Cells by Utilizing the Adsorption Process of Hard Carbon. ACS Applied Materials & Interfaces, 2018, 10, 16581-16587. | 4.0 | 37 |
| 15 | Understanding the structural evolution and Na+ kinetics in honeycomb-ordered Oâ€²3-Na3Ni2SbO6 cathodes. Nano Research, 2018, 11, 3258-3271. | 5.8 | 35 |
| 16 | Progress in Highâ€Voltage Cathode Materials for Rechargeable Sodiumâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1701785. | 10.2 | 371 |
| 17 | Layered Oxide Cathodes for Sodiumâ€Ion Batteries: Phase Transition, Air Stability, and Performance. Advanced Energy Materials, 2018, 8, 1701912. | 10.2 | 519 |
| 18 | Polyanthraquinone-Triazineâ€”A Promising Anode Material for High-Energy Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 37023-37030. | 4.0 | 106 |

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|---|---|---|---|
| 19 | Selective CO Evolution from Photoreduction of CO<sub>2</sub> on a Metal-Carbide-Based Composite Catalyst. Journal of the American Chemical Society, 2018, 140, 13071-13077. | 6.6 | 65 |
| 20 | Polymer lithium-garnet interphase for an all-solid-state rechargeable battery. Nano Energy, 2018, 53, 926-931. | 8.2 | 103 |
| 21 | Facile Synthesis of Carbon-Coated Spinel Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub>/Rutile-TiO<sub>2</sub> Composites as an Improved Anode Material in Full Lithium-Ion Batteries with LiFePO<sub>4</sub>@N-Doped Carbon Cathode. ACS Applied Materials & Interfaces, 2017, 9, 6138-6143. | 4.0 | 86 |
| 22 | Photocatalytic CO<sub>2</sub> Reduction by Carbon-Coated Indium-Oxide Nanobelts. Journal of the American Chemical Society, 2017, 139, 4123-4129. | 6.6 | 434 |
| 23 | Enhanced Visible-Light-Driven Photocatalytic H<sub>2</sub> Evolution from Water on Noble-Metal-Free CdS-Nanoparticle-Dispersed Mo<sub>2</sub>C@C Nanospheres. ACS Sustainable Chemistry and Engineering, 2017, 5, 5449-5456. | 3.2 | 77 |
| 24 | Solid-State Lithium Metal Batteries Promoted by Nanotechnology: Progress and Prospects. ACS Energy Letters, 2017, 2, 1385-1394. | 8.8 | 314 |
| 25 | A Honeycombâ€Layered Oxide Cathode for Sodiumâ€Ion Batteries with Suppressed P3â€“O1 Phase Transition. Advanced Energy Materials, 2017, 7, 1601698. | 10.2 | 87 |
| 26 | Builtâ€in Carbon Nanotube Network inside a Biomassâ€Derived Hierarchically Porous Carbon to Enhance the Performance of the Sulfur Cathode in a Liâ€S Battery. ChemNanoMat, 2016, 2, 712-718. | 1.5 | 52 |
| 27 | The Electrochemistry with Lithium versus Sodium of Selenium Confined To Slit Micropores in Carbon. Nano Letters, 2016, 16, 4560-4568. | 4.5 | 140 |
| 28 | Suppressing the P2â€“O2 Phase Transition of Na<sub>0.67</sub>Mn<sub>0.67</sub>Ni<sub>0.33</sub>O<sub>2</sub> by Magnesium Substitution for Improved Sodiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2016, 55, 7445-7449. | 7.2 | 439 |
| 29 | Subzeroâ€Temperature Cathode for a Sodiumâ€Ion Battery. Advanced Materials, 2016, 28, 7243-7248. | 11.1 | 406 |
| 30 | Rechargeable dual-metal-ion batteries for advanced energy storage. Physical Chemistry Chemical Physics, 2016, 18, 9326-9333. | 1.3 | 76 |
| 31 | Rice husk-derived hierarchical silicon/nitrogen-doped carbon/carbon nanotube spheres as low-cost and high-capacity anodes for lithium-ion batteries. Nano Energy, 2016, 25, 120-127. | 8.2 | 454 |
| 32 | Combining Nitrogenâ€Doped Graphene Sheets and MoS<sub>2</sub>: A Unique Filmâ€“Foamâ€“Film Structure for Enhanced Lithium Storage. Angewandte Chemie, 2016, 128, 12975-12980. | 1.6 | 44 |
| 33 | Combining Nitrogenâ€Doped Graphene Sheets and MoS<sub>2</sub>: A Unique Filmâ€“Foamâ€“Film Structure for Enhanced Lithium Storage. Angewandte Chemie - International Edition, 2016, 55, 12783-12788. | 7.2 | 172 |
| 34 | Conductive Carbon Network inside a Sulfur-Impregnated Carbon Sponge: A Bioinspired High-Performance Cathode for Liâ€“S Battery. ACS Applied Materials & Interfaces, 2016, 8, 22261-22269. | 4.0 | 54 |
| 35 | Graphene Sandwiched by Sulfur-Confined Mesoporous Carbon Nanosheets: A Kinetically Stable Cathode for Liâ€“S Batteries. ACS Applied Materials & Interfaces, 2016, 8, 33704-33711. | 4.0 | 56 |
| 36 | Ion-Catalyzed Synthesis of Microporous Hard Carbon Embedded with Expanded Nanographite for Enhanced Lithium/Sodium Storage. Journal of the American Chemical Society, 2016, 138, 14915-14922. | 6.6 | 360 |

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|---|---|---|---|
| 37 | An O3-type NaNi<sub>0.5</sub>Mn<sub>0.5</sub>O<sub>2</sub>cathode for sodium-ion batteries with improved rate performance and cycling stability. Journal of Materials Chemistry A, 2016, 4, 17660-17664. | 5.2 | 185 |
| 38 | Suppressing the P2â€“O2 Phase Transition of Na<sub>0.67</sub>Mn<sub>0.67</sub>Ni<sub>0.33</sub>O<sub>2</sub> by Magnesium Substitution for Improved Sodiumâ€ion Batteries. Angewandte Chemie, 2016, 128, 7571-7575. | 1.6 | 84 |
| 39 | Li-Ion Conduction and Stability of Perovskite Li<sub>3/8</sub>Sr<sub>7/16</sub>Hf<sub>1/4</sub>Ta<sub>3/4</sub>O<sub>3</sub>. ACS Applied Materials & Interfaces, 2016, 8, 14552-14557. | 4.0 | 89 |
| 40 | Nickel-Doped La<sub>0.8</sub>Sr<sub>0.2</sub>Mn<sub>1â€“x</sub>Ni<sub>x</sub>O<sub>3</sub> Nanoparticles Containing Abundant Oxygen Vacancies as an Optimized Bifunctional Catalyst for Oxygen Cathode in Rechargeable Lithiumâ€“Air Batteries. ACS Applied Materials & Interfaces, 2016, 8, 6520-6528. | 4.0 | 176 |
| 41 | Hierarchically micro/mesoporous activated graphene with a large surface area for high sulfur loading in Liâ€“S batteries. Journal of Materials Chemistry A, 2015, 3, 4799-4802. | 5.2 | 121 |
| 42 | Sodium iron hexacyanoferrate with high Na content as a Na-rich cathode material for Na-ion batteries. Nano Research, 2015, 8, 117-128. | 5.8 | 292 |
| 43 | A Highâ€Capacity Tellurium@Carbon Anode Material for Lithiumâ€ion Batteries. Energy Technology, 2014, 2, 757-762. | 1.8 | 66 |
| 44 | High-quality Prussian blue crystals as superior cathode materials for room-temperature sodium-ion batteries. Energy and Environmental Science, 2014, 7, 1643-1647. | 15.6 | 852 |
| 45 | A zero-strain insertion cathode material of nickel ferricyanide for sodium-ion batteries. Journal of Materials Chemistry A, 2013, 1, 14061. | 5.2 | 206 |