

# Wenlong Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7529782/publications.pdf>

Version: 2024-02-01

18  
papers

2,162  
citations

471371

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752573

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Editable Supercapacitors with Customizable Stretchability Based on Mechanically Strengthened Ultralong MnO <sub>2</sub> Nanowire Composite. <i>Advanced Materials</i> , 2018, 30, 1704531.	11.1	270
2	Titanate and titania nanostructured materials for environmental and energy applications: a review. <i>RSC Advances</i> , 2015, 5, 79479-79510.	1.7	247
3	Wet-Chemical Processing of Phosphorus Composite Nanosheets for High-Rate and High-Capacity Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2016, 6, 1502409.	10.2	211
4	Conductive Inks Based on a Lithium Titanate Nanotube Gel for High-Rate Lithium-Ion Batteries with Customized Configuration. <i>Advanced Materials</i> , 2016, 28, 1567-1576.	11.1	178
5	Honeycomb-Lantern-Inspired 3D Stretchable Supercapacitors with Enhanced Specific Areal Capacitance. <i>Advanced Materials</i> , 2018, 30, e1805468.	11.1	152
6	Water-Soluble Sericin Protein Enabling Stable Solid-Electrolyte Interphase for Fast Charging High Voltage Battery Electrode. <i>Advanced Materials</i> , 2017, 29, 1701828.	11.1	147
7	Custom-Made Electrochemical Energy Storage Devices. <i>ACS Energy Letters</i> , 2019, 4, 606-614.	8.8	123
8	Gold Nanoparticle Size and Shape Effects on Cellular Uptake and Intracellular Distribution of siRNA Nanoconstructs. <i>Bioconjugate Chemistry</i> , 2017, 28, 1791-1800.	1.8	119
9	Nanostructured TiO <sub>2</sub> -Based Anode Materials for High-Performance Rechargeable Lithium-Ion Batteries. <i>ChemNanoMat</i> , 2016, 2, 764-775.	1.5	111
10	Highly Stable and Stretchable Conductive Films through Thermal-Radiation-Assisted Metal Encapsulation. <i>Advanced Materials</i> , 2019, 31, e1901360.	11.1	96
11	Self-Protection of Electrochemical Storage Devices via a Thermal Reversible Sol-Gel Transition. <i>Advanced Materials</i> , 2015, 27, 5593-5598.	11.1	94
12	Identifying the Origin and Contribution of Surface Storage in TiO <sub>2</sub> (B) Nanotube Electrode by In Situ Dynamic Valence State Monitoring. <i>Advanced Materials</i> , 2018, 30, e1802200.	11.1	90
13	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14847-14852.	7.2	88
14	An on-demand plant-based actuator created using conformable electrodes. <i>Nature Electronics</i> , 2021, 4, 134-142.	13.1	81
15	A Morphable Ionic Electrode Based on Thermogel for Non-Invasive Hairy Plant Electrophysiology. <i>Advanced Materials</i> , 2021, 33, e2007848.	11.1	51
16	Strain-Driven Auto-Detachable Patterning of Flexible Electrodes. <i>Advanced Materials</i> , 2022, 34, .	11.1	50
17	Reducing the Charge Carrier Transport Barrier in Functionally Layer-Graded Electrodes. <i>Angewandte Chemie</i> , 2017, 129, 15043-15048.	1.6	23
18	Sliding Cyclodextrin Molecules along Polymer Chains to Enhance the Stretchability of Conductive Composites. <i>Small</i> , 2022, 18, e2200533.	5.2	15