

# Long Pan

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2310902/long-pan-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

828  
citations

14  
h-index

28  
g-index

29  
ext. papers

1,050  
ext. citations

11.9  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
29	Dynamics and control of active sites in hierarchically nanostructured cobalt phosphide/chalcogenide-based electrocatalysts for water splitting.. <i>Energy and Environmental Science</i> , <b>2022</b> , 15, 727-739	35.4	11
28	Surface Selenization Strategy for VCT MXene toward Superior Zn-Ion Storage.. <i>ACS Nano</i> , <b>2022</b> ,	16.7	13
27	The formation mechanism of Ti <sub>2</sub> InC by pressureless sintering and optimization of synthesis parameters. <i>Journal of the Australian Ceramic Society</i> , <b>2021</b> , 57, 911	1.5	0
26	MXene-Derived Ti O Quantum Dots Distributed on Porous Carbon Nanosheets for Stable and Long-Life Li-S Batteries: Enhanced Polysulfide Mediation via Defect Engineering. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008447	24	44
25	Interface energy-driven indium whisker growth on ceramic substrates. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 16881-16888	2.1	0
24	Recent Developments of Preintercalated Cathodes for Rechargeable Aqueous Zn-Ion Batteries. <i>Energy Technology</i> , <b>2021</b> , 9, 2000829	3.5	4
23	Role of MXene surface terminations in electrochemical energy storage: A review. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	14
22	Coordination-Driven Hierarchical Assembly of Hybrid Nanostructures Based on 2D Materials. <i>Small</i> , <b>2020</b> , 16, e1902779	11	6
21	TiCT nanosheet wrapped core-shell MnO nanorods @ hollow porous carbon as a multifunctional polysulfide mediator for improved Li-S batteries. <i>Nanoscale</i> , <b>2020</b> , 12, 24196-24205	7.7	9
20	Layered hydrotalcite derived holey porous cobalt oxide nanosheets coated with nitrogen-doped carbon for high-mass-loading Li-ion storage. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 26150-26157	13	10
19	Layered cobalt hydrotalcite as an advanced lithium-ion anode material with high capacity and rate capability. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 21264-21269	13	3
18	Structurally disordered Ta <sub>2</sub> O <sub>5</sub> aerogel for high-rate and highly stable Li-ion and Na-ion storage through surface redox pseudocapacitance. <i>Electrochimica Acta</i> , <b>2019</b> , 321, 134645	6.7	18
17	Layered metal vanadates with different interlayer cations for high-rate Na-ion storage. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 16109-16116	13	14
16	An advanced cathode material for high-power Li-ion storage full cells with a long lifespan. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 22444-22452	13	1
15	Hydrogel-derived foams of nitrogen-doped carbon loaded with Sn nanodots for high-mass-loading Na-ion storage. <i>Energy Storage Materials</i> , <b>2019</b> , 16, 519-526	19.4	31
14	A universal strategy for the in situ synthesis of TiO <sub>2</sub> (B) nanosheets on pristine carbon nanomaterials for high-rate lithium storage. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 7070-7079	13	26
13	Fast Na-Ion Intercalation in Zinc Vanadate for High-Performance Na-Ion Hybrid Capacitor. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1802800	21.8	52

12	Hybrid Architectures based on 2D MXenes and Low-Dimensional Inorganic Nanostructures: Methods, Synergies, and Energy-Related Applications. <i>Small</i> , <b>2018</b> , 14, e1803632	11	37
11	Surface energy-driven ex situ hierarchical assembly of low-dimensional nanomaterials on graphene aerogels: a versatile strategy. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 18551-18560	13	9
10	CO <sub>2</sub> -Stimulated morphology transition of ABC miktoarm star terpolymer assemblies. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2833-2840	4.9	17
9	Multi-dimensionally ordered, multi-functionally integrated r-GO@TiO <sub>2</sub> (B)@Mn <sub>3</sub> O <sub>4</sub> yolk-shell superstructures for ultrafast lithium storage. <i>Nano Research</i> , <b>2016</b> , 9, 2057-2069	10	33
8	Molecular level distribution of black phosphorus quantum dots on nitrogen-doped graphene nanosheets for superior lithium storage. <i>Nano Energy</i> , <b>2016</b> , 30, 347-354	17.1	94
7	Facile and Green Production of Impurity-Free Aqueous Solutions of WS Nanosheets by Direct Exfoliation in Water. <i>Small</i> , <b>2016</b> , 12, 6703-6713	11	34
6	Delicate ternary heterostructures achieved by hierarchical co-assembly of Ag and Fe <sub>3</sub> O <sub>4</sub> nanoparticles on MoS <sub>2</sub> nanosheets: morphological and compositional synergy in reversible lithium storage. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 2726-2733	13	72
5	Hierarchical assembly of SnO <sub>2</sub> nanowires on MnO <sub>2</sub> nanosheets: a novel 1/2D hybrid architecture for high-capacity, reversible lithium storage. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 6477-6483	13	58
4	Smart Hybridization of TiO <sub>2</sub> Nanorods and Fe <sub>3</sub> O <sub>4</sub> Nanoparticles with Pristine Graphene Nanosheets: Hierarchically Nanoengineered Ternary Heterostructures for High-Rate Lithium Storage. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 3341-3350	15.6	164
3	Coordination-driven hierarchical assembly of silver nanoparticles on MoS <sub>2</sub> nanosheets for improved lithium storage. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 1519-24	4.5	53
2	Thin Yet Strong Composite Polymer Electrolyte Reinforced by Nanofibrous Membrane for Flexible Dendrite-Free Solid-State Lithium Metal Batteries. <i>Advanced Energy and Sustainability Research</i> , 2100193 <sup>1.6</sup>		
1	Gradient Multilayer Design of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Nanocomposite for Strong and Broadband Microwave Absorption. <i>Small Science</i> , 2200018		1