

# Kaihang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/133529/publications.pdf>

Version: 2024-02-01

14  
papers

1,331  
citations

759233

12  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast ion transport at solid–solid interfaces in hybrid battery anodes. <i>Nature Energy</i> , 2018, 3, 310-316.	39.5	413
2	Designing Artificial Solid-Electrolyte Interphases for Single-Ion and High-Efficiency Transport in Batteries. <i>Joule</i> , 2017, 1, 394-406.	24.0	202
3	Building Organic/Inorganic Hybrid Interphases for Fast Interfacial Transport in Rechargeable Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 992-996.	13.8	178
4	Electrochemical Interphases for High-Energy Storage Using Reactive Metal Anodes. <i>Accounts of Chemical Research</i> , 2018, 51, 80-88.	15.6	145
5	Deactivation Mechanism of Multipoisons in Cement Furnace Flue Gas on Selective Catalytic Reduction Catalysts. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6937-6944.	10.0	75
6	Chloride–Reinforced Carbon Nanofiber Host as Effective Polysulfide Traps in Lithium–Sulfur Batteries. <i>Advanced Science</i> , 2016, 3, 1600175.	11.2	68
7	Building Organic/Inorganic Hybrid Interphases for Fast Interfacial Transport in Rechargeable Metal Batteries. <i>Angewandte Chemie</i> , 2018, 130, 1004-1008.	2.0	55
8	Advance in Using Plasma Technology for Modification or Fabrication of Carbon–Based Materials and Their Applications in Environmental, Material, and Energy Fields. <i>Advanced Functional Materials</i> , 2021, 31, 2006287.	14.9	55
9	Multifunctional Cross-Linked Polymeric Membranes for Safe, High-Performance Lithium Batteries. <i>Chemistry of Materials</i> , 2018, 30, 2058-2066.	6.7	49
10	LiF as an Artificial SEI Layer to Enhance the High-Temperature Cycle Performance of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ . <i>Langmuir</i> , 2017, 33, 11164-11169.	3.5	40
11	An effective polysulfides bridgebuilder to enable long-life lithium-sulfur flow batteries. <i>Nano Energy</i> , 2018, 51, 113-121.	16.0	30
12	Extraction of PFOA from dilute wastewater using ionic liquids that are dissolved in N-octanol. <i>Journal of Hazardous Materials</i> , 2021, 404, 124091.	12.4	20
13	High Concentration Organic Wastewater with High Phosphorus Treatment by Facultative MBR. <i>Water (Switzerland)</i> , 2021, 13, 2902.	2.7	1
14	Titelbild: Building Organic/Inorganic Hybrid Interphases for Fast Interfacial Transport in Rechargeable Metal Batteries ( <i>Angew. Chem.</i> 4/2018). <i>Angewandte Chemie</i> , 2018, 130, 863-863.	2.0	0