

# Buke Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4527465/publications.pdf>

Version: 2024-02-01

13  
papers

1,527  
citations

759233

12  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Scroll-Coated $\text{MnO}_2$ Nanowires as High-Performance Cathode Materials for Aqueous Zn-Ion Battery. <i>Small</i> , 2018, 14, e1703850.	10.0	563
2	Comprehensive understanding of the roles of water molecules in aqueous Zn-ion batteries: from electrolytes to electrode materials. <i>Energy and Environmental Science</i> , 2021, 14, 3796-3839.	30.8	257
3	Anions induced evolution of $\text{Co}_3\text{X}_4$ ( $\text{X} = \text{O}, \text{S}, \text{Se}$ ) as sodium-ion anodes: The influences of electronic structure, morphology, electrochemical property. <i>Nano Energy</i> , 2018, 48, 617-629.	16.0	227
4	A Novel Dendrite-Free $\text{Mn}^{2+}/\text{Zn}^{2+}$ Hybrid Battery with 2.3 V Voltage Window and 11000-Cycle Lifespan. <i>Advanced Energy Materials</i> , 2019, 9, 1901469.	19.5	175
5	A cation selective separator induced cathode protective layer and regulated zinc deposition for zinc ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 4734-4743.	10.3	97
6	Novel Charging-Optimized Cathode for a Fast and High-Capacity Zinc-Ion Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 10420-10427.	8.0	43
7	Nitrogen, Oxygen-Codoped Vertical Graphene Arrays Coated 3D Flexible Carbon Nanofibers with High Silicon Content as an Ultrastable Anode for Superior Lithium Storage. <i>Advanced Science</i> , 2022, 9, e2104685.	11.2	42
8	Achieving better aqueous rechargeable zinc ion batteries with heterostructure electrodes. <i>Nano Research</i> , 2021, 14, 3174-3187.	10.4	40
9	$\text{Fe}_2\text{VO}_4$ Hierarchical Porous Microparticles Prepared via a Facile Surface Solvation Treatment for High-Performance Lithium and Sodium Storage. <i>Small</i> , 2019, 15, e1804706.	10.0	30
10	Efficient Proton Transport in Stable Functionalized Channels of Zirconium Metal-Organic Frameworks. <i>ACS Applied Energy Materials</i> , 2021, 4, 8303-8310.	5.1	16
11	Realizing high-voltage aqueous zinc-ion batteries with expanded electrolyte electrochemical stability window. <i>Chinese Chemical Letters</i> , 2023, 34, 107629.	9.0	16
12	Illuminating phase transformation dynamics of vanadium oxide cathode by multimodal techniques under operando conditions. <i>Nano Research</i> , 2019, 12, 905-910.	10.4	12
13	Iron-doped metal-organic framework with enhanced oxygen evolution reaction activity for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34565-34573.	7.1	9