

# 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

858243

12  
h-index

1255698

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

2156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing high-voltage aqueous zinc-ion batteries with expanded electrolyte electrochemical stability window. Chinese Chemical Letters, 2023, 34, 107629.	4.8	16
2	Nitrogen, Oxygen-codoped Vertical Graphene Arrays Coated 3D Flexible Carbon Nanofibers with High Silicon Content as an Ultrastable Anode for Superior Lithium Storage. Advanced Science, 2022, 9, e2104685.	5.6	42
3	Comprehensive understanding of the roles of water molecules in aqueous Zn-ion batteries: from electrolytes to electrode materials. Energy and Environmental Science, 2021, 14, 3796-3839.	15.6	257
4	Achieving better aqueous rechargeable zinc ion batteries with heterostructure electrodes. Nano Research, 2021, 14, 3174-3187.	5.8	40
5	Efficient Proton Transport in Stable Functionalized Channels of Zirconium Metal-Organic Frameworks. ACS Applied Energy Materials, 2021, 4, 8303-8310.	2.5	16
6	Iron-doped metal-organic framework with enhanced oxygen evolution reaction activity for overall water splitting. International Journal of Hydrogen Energy, 2021, 46, 34565-34573.	3.8	9
7	A cation selective separator induced cathode protective layer and regulated zinc deposition for zinc ion batteries. Journal of Materials Chemistry A, 2021, 9, 4734-4743.	5.2	97
8	Novel Charging-Optimized Cathode for a Fast and High-Capacity Zinc-Ion Battery. ACS Applied Materials & Interfaces, 2020, 12, 10420-10427.	4.0	43
9	A Novel Dendrite-free $Mn^{2+}/Zn^{2+}$ Hybrid Battery with 2.3 V Voltage Window and 11000-cycle Lifespan. Advanced Energy Materials, 2019, 9, 1901469.	10.2	175
10	Illuminating phase transformation dynamics of vanadium oxide cathode by multimodal techniques under operando conditions. Nano Research, 2019, 12, 905-910.	5.8	12
11	$Fe_2VO_4$ Hierarchical Porous Microparticles Prepared via a Facile Surface Solvation Treatment for High-performance Lithium and Sodium Storage. Small, 2019, 15, e1804706.	5.2	30
12	Anions induced evolution of $Co_3X_4$ ( $X = O, S, Se$ ) as sodium-ion anodes: The influences of electronic structure, morphology, electrochemical property. Nano Energy, 2018, 48, 617-629.	8.2	227
13	Graphene Scroll-coated $MnO_2$ Nanowires as High-performance Cathode Materials for Aqueous Zn-ion Battery. Small, 2018, 14, e1703850.	5.2	563