

# Xu Xu

## List of Publications by Year in Descending Order

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

14  
papers

1,825  
citations

13  
h-index

18  
g-index

18  
ext. papers

2,246  
ext. citations

14.3  
avg, IF

4.99  
L-index

#	Paper	IF	Citations
14	Gradient sulfur fixing separator with catalytic ability for stable lithium sulfur battery. <i>Chemical Engineering Journal</i> , <b>2021</b> , 422, 130107	14.7	18
13	A three-dimensional nitrogen-doped graphene framework decorated with an atomic layer deposited ultrathin V <sub>2</sub> O <sub>5</sub> layer for lithium sulfur batteries with high sulfur loading. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 12106-12113	13	18
12	Three-Dimensional Porous Nitrogen-Doped Carbon Nanosheet with Embedded NiCoS Nanocrystals for Advanced Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 9181-9189	9.5	21
11	Engineering Oxygen Vacancies in a Polysulfide-Blocking Layer with Enhanced Catalytic Ability. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907444	24	85
10	A robust electrospun separator modified with in situ grown metal-organic frameworks for lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 395, 124979	14.7	38
9	Multidimensional Synergistic Nanoarchitecture Exhibiting Highly Stable and Ultrafast Sodium-Ion Storage. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707122	24	94
8	Graphene Scroll-Coated MnO Nanowires as High-Performance Cathode Materials for Aqueous Zn-Ion Battery. <i>Small</i> , <b>2018</b> , 14, e1703850	11	386
7	Sodium Ion Stabilized Vanadium Oxide Nanowire Cathode for High-Performance Zinc-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702463	21.8	454
6	Electric field and photoelectrical effect bi-enhanced hydrogen evolution reaction. <i>Nano Research</i> , <b>2018</b> , 11, 3205-3212	10	11
5	A 3D Nitrogen-Doped Graphene/TiN Nanowires Composite as a Strong Polysulfide Anchor for Lithium-Sulfur Batteries with Enhanced Rate Performance and High Areal Capacity. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804089	24	192
4	KTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> with Large Ion Diffusion Channel for High-Efficiency Sodium Storage. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1700247	21.8	17
3	Pseudocapacitive titanium oxynitride mesoporous nanowires with iso-oriented nanocrystals for ultrahigh-rate sodium ion hybrid capacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 10827-10835	13	73
2	In situ nitrogen-doped mesoporous carbon nanofibers as flexible freestanding electrodes for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 23620-23627	13	76
1	High-Performance Aqueous Zinc-Ion Battery Based on Layered H <sub>2</sub> V <sub>2</sub> O <sub>7</sub> Nanowire Cathode. <i>Small</i> , <b>2017</b> , 13, 1702551	11	335