

Yuhan Wu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

704
citations

516561

16
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in ferromagnetic metal sulfides and selenides as anodes for sodium- and potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9506-9534.	5.2	78
2	Unexpected intercalation-dominated potassium storage in WS ₂ as a potassium-ion battery anode. <i>Nano Research</i> , 2019, 12, 2997-3002.	5.8	77
3	CuMnO ₂ -reduced graphene oxide nanocomposite as a free-standing electrode for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , 2019, 375, 121966.	6.6	61
4	Ammonium Vanadium Bronze as a Potassium-Ion Battery Cathode with High Rate Capability and Cyclability. <i>Small Methods</i> , 2019, 3, 1800349.	4.6	58
5	Bismuth oxychloride nanoflake assemblies as a new anode for potassium ion batteries. <i>Chemical Communications</i> , 2019, 55, 6507-6510.	2.2	47
6	Oxygen-functionalized soft carbon nanofibers as high-performance cathode of K-ion hybrid capacitor. <i>Nano Energy</i> , 2020, 72, 104661.	8.2	42
7	MoS ₂ nanosheets with expanded interlayer spacing for enhanced sodium storage. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3099-3105.	3.0	41
8	Polyimide@Ketjenblack Composite: A Porous Organic Cathode for Fast Rechargeable Potassium-Ion Batteries. <i>Small</i> , 2020, 16, e2002953.	5.2	40
9	A novel strategy for preparation of an effective and stable heterogeneous photo-Fenton catalyst for the degradation of dye. <i>Applied Clay Science</i> , 2017, 136, 103-111.	2.6	36
10	One-step hydrothermal synthesis of silver nanoparticles loaded on N-doped carbon and application for catalytic reduction of 4-nitrophenol. <i>RSC Advances</i> , 2015, 5, 87151-87156.	1.7	33
11	Intrinsic Cu nanoparticle decoration of TiO ₂ nanotubes: A platform for efficient noble metal free photocatalytic H ₂ production. <i>Electrochemistry Communications</i> , 2019, 98, 82-86.	2.3	32
12	Environmentally benign chitosan as reductant and supporter for synthesis of Ag/AgCl/chitosan composites by one-step and their photocatalytic degradation performance under visible-light irradiation. <i>Frontiers of Materials Science</i> , 2017, 11, 130-138.	1.1	30
13	Bismuth Nanoparticles Confined in Carbonaceous Nanospheres as Anodes for High-Performance Potassium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31766-31774.	4.0	30
14	Enhanced Potassium Storage Capability of Two-Dimensional Transition-Metal Chalcogenides Enabled by a Collective Strategy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18838-18848.	4.0	21
15	Bismuth selenide nanosheets confined in thin carbon layers as anode materials for advanced potassium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4267-4275.	3.0	18
16	Carbon-Free Crystal-like Fe ₃ S as an Anode for Potassium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55218-55226.	4.0	18
17	Programmable Multiple Plasmonic Resonances of Nanoparticle Superlattice for Enhancing Photoelectrochemical Activity. <i>Advanced Functional Materials</i> , 2020, 30, 2005170.	7.8	14
18	A green strategy to synthesize Ag/Ag ₃ PO ₄ /chitosan composite photocatalysts and their photocatalytic degradation performance under visible-light irradiation. <i>Journal of Electronic Science and Technology</i> , 2020, 18, 100019.	2.0	11

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19	Environmentally benign chitosan as precursor and reductant for synthesis of Ag/AgCl/N-doped carbon composite photocatalysts and their photocatalytic degradation performance. <i>Research on Chemical Intermediates</i> , 2017, 43, 3677-3690.	1.3	9
20	Nanostructured metal selenides as anodes for potassium-ion batteries. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2087-2112.	2.5	8