

Minghui Ye

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.

43
papers

1,150
citations

18
h-index

33
g-index

47
ext. papers

1,849
ext. citations

12.6
avg, IF

5.17
L-index

#	Paper	IF	Citations
43	Manipulating the Electronic Structure of Graphite Intercalation Compounds for Boosting the Bifunctional Oxygen Catalytic Performance.. <i>Small</i> , 2022 , e2107667	11	0
42	In-situ construction of a NaF-rich cathode electrolyte interface on Prussian blue toward a 3000-cycle-life sodium-ion battery. <i>Materials Today Energy</i> , 2022 , 23, 100898	7	7
41	Layered zirconium phosphate-based artificial solid electrolyte interface with zinc ion channels towards dendrite-free Zn metal anodes. <i>Chemical Engineering Journal</i> , 2022 , 432, 134227	14.7	12
40	Enable commercial Zinc powders for dendrite-free Zinc anode with improved utilization rate by pristine graphene hybridization. <i>Energy Storage Materials</i> , 2022 , 45, 465-473	19.4	7
39	Fast and homogeneous ion regulation toward a 4V, high-rate and dendrite-free potassium metal battery. <i>Chemical Engineering Journal</i> , 2022 , 442, 135927	14.7	1
38	Ultrahigh Rate and Ultralong Life Span Sodium Storage of FePS Enabled by the Space Confinement Effect of Layered Expanded Graphite. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 55254-55262	9.5	1
37	Ten Thousand-Cycle Ultrafast Energy Storage of Wadsley-Roth Phase Fe-Nb Oxides with a Desolvation Promoting Interfacial Layer. <i>Nano Letters</i> , 2021 , 21, 9675-9683	11.5	5
36	Integration of Localized Electric-Field Redistribution and Interfacial Tin Nanocoating of Lithium Microparticles toward Long-Life Lithium Metal Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 650-659	9.5	13
35	High-Voltage Zinc-Ion Batteries: Design Strategies and Challenges. <i>Advanced Functional Materials</i> , 2021 , 31, 2010213	15.6	35
34	In-Situ Activated NiFePBA-FeOOH Electrocatalyst for Oxygen Evolution Reaction and Zinc-Air Battery. <i>ChemistrySelect</i> , 2021 , 6, 3683-3691	1.8	0
33	The Efficient K Ion Storage of M P O /C (M=Fe, Co, Ni) Anode Derived from Organic-Inorganic Phosphate Precursors. <i>Chemistry - A European Journal</i> , 2021 , 27, 9031-9037	4.8	1
32	In Situ Carbon Insertion in Laminated Molybdenum Dioxide by Interlayer Engineering Toward Ultrastable Rocking-Chair Zinc-Ion Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2102827	15.6	28
31	Nb-based compounds for rapid lithium-ion storage and diffusion. <i>Journal of Power Sources</i> , 2021 , 496, 229840	8.9	3
30	Post-Lithium-Ion Battery Era: Recent Advances in Rechargeable Potassium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2021 , 27, 512-536	4.8	12
29	Interlayer Chemistry of Layered Electrode Materials in Energy Storage Devices. <i>Advanced Functional Materials</i> , 2021 , 31, 2007358	15.6	14
28	Transition metal phosphides: new generation cathode host/separator modifier for LiS batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 7458-7480	13	15
27	Synergistic Manipulation of Zn Ion Flux and Desolvation Effect Enabled by Anodic Growth of a 3D ZnF Matrix for Long-Lifespan and Dendrite-Free Zn Metal Anodes. <i>Advanced Materials</i> , 2021 , 33, e2007388	24	123

26	A 1DBD interconnected EMnO ₂ nanowires network as high-performance and high energy efficiency cathode material for aqueous zinc-ion batteries. <i>Electrochimica Acta</i> , 2021 , 370, 137740	6.7	17
25	Interfacial Protection Engineering of Sodium Nanoparticles toward Dendrite-Free and Long-Life Sodium Metal Battery. <i>Small</i> , 2021 , 17, e2102400	11	3
24	Cation mixing in Wadsley-Roth phase anode of lithium-ion battery improves cycling stability and fast Li ⁺ storage. <i>Applied Physics Reviews</i> , 2021 , 8, 031404	17.3	2
23	Redistributing Zn-ion flux by interlayer ion channels in Mg-Al layered double hydroxide-based artificial solid electrolyte interface for ultra-stable and dendrite-free Zn metal anodes. <i>Energy Storage Materials</i> , 2021 , 41, 230-239	19.4	30
22	Activating the Stepwise Intercalation-Conversion Reaction of Layered Copper Sulfide toward Extremely High Capacity Zinc-Metal-Free Anodes for Rocking-Chair Zinc-Ion Batteries.. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	3
21	Interlayer Engineering of Molybdenum Trioxide toward High-Capacity and Stable Sodium Ion Half/Full Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 2001708	15.6	29
20	Rational-design of polyaniline cathode using proton doping strategy by graphene oxide for enhanced aqueous zinc-ion batteries. <i>Journal of Power Sources</i> , 2020 , 450, 227716	8.9	31
19	Recent advances of transition metal based bifunctional electrocatalysts for rechargeable zinc-air batteries. <i>Journal of Power Sources</i> , 2020 , 477, 228696	8.9	21
18	Challenges in the material and structural design of zinc anode towards high-performance aqueous zinc-ion batteries. <i>Energy and Environmental Science</i> , 2020 , 13, 3330-3360	35.4	185
17	Paraffin wax protecting 3D non-dendritic lithium for backside-plated lithium metal anode. <i>Energy Storage Materials</i> , 2020 , 24, 153-159	19.4	10
16	A 4 V Class Potassium Metal Battery with Extremely Low Overpotential. <i>ACS Nano</i> , 2019 , 13, 9306-9314	16.7	44
15	Graphene Platforms for Smart Energy Generation and Storage. <i>Joule</i> , 2018 , 2, 245-268	27.8	124
14	A smart, anti-piercing and eliminating-dendrite lithium metal battery. <i>Nano Energy</i> , 2018 , 49, 403-410	17.1	35
13	Metal/graphene oxide batteries. <i>Carbon</i> , 2017 , 125, 299-307	10.4	23
12	A respiration-detective graphene oxide/lithium battery. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 19154-19159	15.9	16
11	Graphene-winged carbon nanotubes as high-performance lithium-ion batteries anode with super-long cycle life. <i>Journal of Power Sources</i> , 2016 , 305, 106-114	8.9	41
10	A General and Extremely Simple Remote Approach toward Graphene Bulks with In Situ Multifunctionalization. <i>Advanced Materials</i> , 2016 , 28, 3305-12	24	67
9	Graphene decorated with bimodal size of carbon polyhedrons for enhanced lithium storage. <i>Carbon</i> , 2016 , 106, 9-19	10.4	23

8	Controllable localization of carbon nanotubes on the holey edge of graphene: an efficient oxygen reduction electrocatalyst for Zn air batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18240-18247	13	27
7	Oxidation degree of graphene reflected by morphology-tailored ZnO growth. <i>Carbon</i> , 2016 , 107, 583-592	10.4	2
6	Branched Graphene Nanocapsules for Anode Material of Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2015 , 27, 5253-5260	9.6	67
5	An Imperata Cylindrical Flowers-Shaped Porous Graphene Microelectrode for Direct Electrochemistry of Glucose Oxidase. <i>Journal of the Electrochemical Society</i> , 2015 , 162, B138-B144	3.9	11
4	Chromatographic selectivity of graphene capillary column pretreated with bio-inspired polydopamine polymer. <i>RSC Advances</i> , 2015 , 5, 74040-74045	3.7	17
3	Uniquely arranged graphene-on-graphene structure as a binder-free anode for high-performance lithium-ion batteries. <i>Small</i> , 2014 , 10, 5035-41	11	30
2	Regulating the Electrolyte Solvation Structure Enables Ultralong Lifespan Vanadium-Based Cathodes with Excellent Low-Temperature Performance. <i>Advanced Functional Materials</i> , 2111714	15.6	6
1	Dual-Redox Sites Guarantee High-Capacity Sodium Storage in Two-Dimension Conjugated Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , 2112072	15.6	6