Zhixiao Xu

List of Publications by Year
in descending order

20 papers	1,093 citations	567281 15 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1739 citing authors

#	Article	IF	Citations
1	Nitrogenâ€Doped Porous Carbon Superstructures Derived from Hierarchical Assembly of Polyimide Nanosheets. Advanced Materials, 2016, 28, 1981-1987.	21.0	390
2	3D Hierarchical Carbon-Rich Micro-/Nanomaterials for Energy Storage and Catalysis. Electrochemical Energy Reviews, 2021, 4, 269-335.	25.5	108
3	Highly Crumpled Hybrids of Nitrogen/Sulfur Dual-Doped Graphene and Co₉S₈ Nanoplates as Efficient Bifunctional Oxygen Electrocatalysts. ACS Applied Materials & Interfaces, 2017, 9, 12340-12347.	8.0	105
4	Magnesium ion based organic secondary batteries. Journal of Materials Chemistry A, 2018, 6, 17297-17302.	10.3	66
5	Efficient Zn Metal Anode Enabled by O,N-Codoped Carbon Microflowers. Nano Letters, 2022, 22, 1350-1357.	9.1	63
6	An Ultrafast, Durable, and Highâ€Loading Polymer Anode for Aqueous Zincâ€Ion Batteries and Supercapacitors. Advanced Materials, 2022, 34, e2200077.	21.0	60
7	Ultrafast, long-life, high-loading, and wide-temperature zinc ion supercapacitors. Energy Storage Materials, 2022, 46, 233-242.	18.0	53
8	N, Oâ€Codoped Carbon Nanosheet Array Enabling Stable Lithium Metal Anode. Advanced Functional Materials, 2021, 31, 2102354.	14.9	45
9	Bimetallic CoNi Alloy Nanoparticles Embedded in Pomegranate-like Nitrogen-Doped Carbon Spheres for Electrocatalytic Oxygen Reduction and Evolution. ACS Applied Nano Materials, 2020, 3, 1354-1362.	5.0	39
10	Perylene diimide-diamine/carbon black composites as high performance lithium/sodium ion battery cathodes. Journal of Materials Chemistry A, 2018, 6, 13613-13618.	10.3	29
11	Template-directed approach to two-dimensional molybdenum phosphideâ€“carbon nanocomposites with high catalytic activities in the hydrogen evolution reaction. New Journal of Chemistry, 2016, 40, 6015-6021.	2.8	25
12	A Lyotropic Liquidâ€Crystalâ€Based Assembly Avenue toward Highly Oriented Vanadium Pentoxide/Graphene Films for Flexible Energy Storage. Advanced Functional Materials, 2017, 27, 1606269.	14.9	21
13	Molybdenum carbide nanoparticle decorated hierarchical tubular carbon superstructures with vertical nanosheet arrays for efficient hydrogen evolution. Journal of Materials Chemistry A, 2018, 6, 18833-18838.	10.3	18
14	A facile self-assembly strategy towards naphthalene diimide/graphene hybrids as high performance organic cathodes for lithium-ion batteries. RSC Advances, 2016, 6, 13666-13669.	3.6	17
15	Hollow waxberry-like cobaltâ€“nickel oxide/S,N-codoped carbon nanospheres as a trifunctional electrocatalyst for OER, ORR, and HER. RSC Advances, 2020, 10, 27788-27793.	3.6	17
16	Enhanced polysulfide regulation via honeycomb-like carbon with catalytic MoC for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2021, 9, 21760-21770.	10.3	15
17	Bottom-up fabrication of nitrogen-doped mesoporous carbon nanosheets as high performance oxygen reduction catalysts. Journal of Colloid and Interface Science, 2017, 492, 8-14.	9.4	10
18	Energy Storage: A Lyotropic Liquidâ€Crystalâ€Based Assembly Avenue toward Highly Oriented Vanadium Pentoxide/Graphene Films for Flexible Energy Storage (Adv. Funct. Mater. 12/2017). Advanced Functional Materials, 2017, 27, .	14.9	5

#	Article	IF	Citations
19	Graphene frameworks supported cobalt oxide with tunable morphologies for enhanced lithium storage behaviors. Journal of Materials Science, 2016, 51, 4856-4863.	3.7	4
20	Anion-induced self-assembly of positively charged polycyclic aromatic hydrocarbons towards nanostructures with controllable two-dimensional morphologies. CrystEngComm, 2016, 18, 877-880.	2.6	3