# 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 | Efficient Zn Metal Anode Enabled by O,N-Codoped Carbon Microflowers. Nano Letters, 2022, 22, 1350-1357. | 9.1 | 63 |
| 2 | Ultrafast, long-life, high-loading, and wide-temperature zinc ion supercapacitors. Energy Storage Materials, 2022, 46, 233-242. | 18.0 | 53 |
| 3 | An Ultrafast, Durable, and Highâ€Loading Polymer Anode for Aqueous Zincâ€Ion Batteries and Supercapacitors. Advanced Materials, 2022, 34, e2200077. | 21.0 | 60 |
| 4 | 3D Hierarchical Carbon-Rich Micro-/Nanomaterials for Energy Storage and Catalysis. Electrochemical Energy Reviews, 2021, 4, 269-335. | 25.5 | 108 |
| 5 | N, Oâ€Codoped Carbon Nanosheet Array Enabling Stable Lithium Metal Anode. Advanced Functional Materials, 2021, 31, 2102354. | 14.9 | 45 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 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 | Magnesium ion based organic secondary batteries. Journal of Materials Chemistry A, 2018, 6, 17297-17302. | 10.3 | 66 |
| 12 | 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 |
| 13 | 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 |
| 14 | Highly Crumpled Hybrids of Nitrogen/Sulfur Dual-Doped Graphene and Co<sub>9</sub>S<sub>8</sub> Nanoplates as Efficient Bifunctional Oxygen Electrocatalysts. ACS Applied Materials & Interfaces, 2017, 9, 12340-12347. | 8.0 | 105 |
| 15 | 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 |
| 16 | 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 |
| 17 | Nitrogenâ€Doped Porous Carbon Superstructures Derived from Hierarchical Assembly of Polyimide Nanosheets. Advanced Materials, 2016, 28, 1981-1987. | 21.0 | 390 |
| 18 | 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 |

| # | 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 |