# Xudong Liu

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2300300/publications.pdf

Version: 2024-02-01

| 21 | 527 | 623734 | 794594 |
|---|---|---|---|
| papers | citations | 14 h-index | 19 g-index |

| 21 | 21 | 21 | 826 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High performance nanocomposite nanofiltration membranes with polydopamine-modified cellulose nanocrystals for efficient dye/salt separation. Desalination, 2022, 521, 115385. | 8.2 | 44 |
| 2 | Cleanup of oiled shorelines using a dual responsive nanoclay/sodium alginate surface washing agent. Environmental Research, 2022, 205, 112531. | 7.5 | 9 |
| 3 | Bimetallic metal-organic framework derived doped carbon nanostructures as high-performance electrocatalyst towards oxygen reactions. Nano Research, 2021, 14, 1533-1540. | 10.4 | 29 |
| 4 | Nitroaromatics as Highâ€Energy Organic Cathode Materials for Rechargeable Alkaliâ€Ion (Li<sup>+</sup>,) Tj ETQq0 0 0 rgBT /Overlock | 19.5 | 64 |
| 5 | Alkaliâ€Ion Batteries: Nitroaromatics as Highâ€Energy Organic Cathode Materials for Rechargeable Alkaliâ€Ion (Li<sup>+</sup>, Na<sup>+</sup>, and K<sup>+</sup>) Batteries (Adv. Energy Mater. 4/2021). Advanced Energy Materials, 2021, 11, 2170016. | 19.5 | 0 |
| 6 | N,Sâ€Codoped hollow carbon dodecahedron/sulfides composites enabling highâ€performance lithiumâ€ion intercalation. Electrochemical Science Advances, 2021, 1, e2100001. | 2.8 | 0 |
| 7 | Designing Ultrasmall Carbon Nanospheres with Tailored Sizes and Textural Properties for High-Rate High-Energy Supercapacitors. ACS Applied Materials & Interfaces, 2021, 13, 32916-32929. | 8.0 | 16 |
| 8 | Encapsulation of sulfur within well-defined size-tunable ultrasmall carbon nanospheres for superior high-rate and long-stability Liâ€“S batteries. Chemical Engineering Journal, 2021, 422, 130129. | 12.7 | 14 |
| 9 | Carbon Nanospheres with High Intraâ€and Interâ€Sphere Porosities for Highâ€Rate Energyâ€Storage Applications. ChemElectroChem, 2021, 8, 3674-3677. | 3.4 | 2 |
| 10 | Highly porous silver dendrites on carbon nanotube wrapped copper cobaltite nano-flowers for boosting energy density and cycle stability of asymmetric supercapattery. Journal of Power Sources, 2019, 415, 154-164. | 7.8 | 36 |
| 11 | Macromolecular Polyethynylbenzonitrile Precursor-Based Porous Covalent Triazine Frameworks for Superior High-Rate High-Energy Supercapacitors. ACS Applied Materials & Interfaces, 2019, 11, 45805-45817. | 8.0 | 25 |
| 12 | Synthesis of alluaudite-type Na2VFe2(PO4)3/C and its electrochemical performance as cathode material for sodium-ion battery. Journal of Solid State Electrochemistry, 2018, 22, 891-898. | 2.5 | 11 |
| 13 | Water-Soluble Linear Poly(ethylenimine) as a Superior Bifunctional Binder for Lithiumâ€“Sulfur Batteries of Improved Cell Performance. Journal of Physical Chemistry C, 2018, 122, 25917-25929. | 3.1 | 24 |
| 14 | Utilizing Waste Thermocol Sheets and Rusted Iron Wires to Fabricate Carbonâ€“Fe<sub>3</sub>O<sub>4</sub> Nanocompositeâ€Based Supercapacitors: Turning Wastes into Valueâ€Added Materials. ChemSusChem, 2018, 11, 2410-2420. | 6.8 | 27 |
| 15 | Mixing transition-metal phosphates Li3V2â^'Fe (PO4)3 (0â‰¤xâ‰¤2): the synthesis, structure and electrochemical properties. Electrochimica Acta, 2016, 196, 517-526. | 5.2 | 14 |
| 16 | A promising sol-gel method to synthesize NaVO3 as anode material for lithium ion batteries. Journal of Solid State Electrochemistry, 2016, 20, 1803-1812. | 2.5 | 15 |
| 17 | Cheese-like bulk carbon with nanoholes prepared from egg white as an anode material for lithium and sodium ion batteries. RSC Advances, 2016, 6, 80986-80993. | 3.6 | 14 |
| 18 | Synthesis of the Carbon-Coated Nanoparticle Co<sub>9</sub>S<sub>8</sub> and Its Electrochemical Performance as an Anode Material for Sodium-Ion Batteries. Langmuir, 2016, 32, 12593-12602. | 3.5 | 78 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis of One Dimensional Li2MoO4 Nanostructures and Their Electrochemical Performance as Anode Materials for Lithium-ion Batteries. Electrochimica Acta, 2015, 174, 315-326. | 5.2 | 20 |
| 20 | Synthesis of Carbon-coated Nanoplate Î±-Na 2 MoO 4 and its Electrochemical Lithiation Process as Anode Material for Lithium-ion Batteries. Electrochimica Acta, 2015, 154, 94-101. | 5.2 | 21 |
| 21 | Nanotube Li<sub>2</sub>MoO<sub>4</sub>: a novel and high-capacity material as a lithium-ion battery anode. Nanoscale, 2014, 6, 13660-13667. | 5.6 | 64 |