

Chunxiao Lv

List of Publications by Year in descending order

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31
papers

2,363
citations

304602

22
h-index

434063

31
g-index

31
all docs

31
docs citations

31
times ranked

3343
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect-Rich Nitrogen Doped Co ₃ O ₄ /C Porous Nanocubes Enable High-Efficiency Bifunctional Oxygen Electrocatalysis. <i>Advanced Functional Materials</i> , 2019, 29, 1902875.	7.8	233
2	Egg-Box Structure in Cobalt Alginate: A New Approach to Multifunctional Hierarchical Mesoporous N-Doped Carbon Nanofibers for Efficient Catalysis and Energy Storage. <i>ACS Central Science</i> , 2015, 1, 261-269.	5.3	195
3	Effect of Intrinsic Defects of Carbon Materials on the Sodium Storage Performance. <i>Advanced Energy Materials</i> , 2020, 10, 1903652.	10.2	194
4	Seaweed-Derived Route to Fe ₂ O ₃ Hollow Nanoparticles/N-Doped Graphene Aerogels with High Lithium Ion Storage Performance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7047-7053.	4.0	179
5	Multishelled Ni-Rich Li(Ni _x Co _y Mn _z)O ₂ Hollow Fibers with Low Cation Mixing as High-Performance Cathode Materials for Li-Ion Batteries. <i>Advanced Science</i> , 2017, 4, 1600262.	5.6	172
6	A [001]-Oriented Hittorf's Phosphorus Nanorods/Polymeric Carbon Nitride Heterostructure for Boosting Wide-Spectrum-Responsive Photocatalytic Hydrogen Evolution from Pure Water. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 868-873.	7.2	164
7	Red phosphorus decorated and doped TiO ₂ nanofibers for efficient photocatalytic hydrogen evolution from pure water. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117764.	10.8	151
8	Tuning the Shell Number of Multishelled Metal Oxide Hollow Fibers for Optimized Lithium-Ion Storage. <i>ACS Nano</i> , 2017, 11, 6186-6193.	7.3	127
9	3D Sulfur and Nitrogen Codoped Carbon Nanofiber Aerogels with Optimized Electronic Structure and Enlarged Interlayer Spacing Boost Potassium-Ion Storage. <i>Small</i> , 2019, 15, e1900816.	5.2	122
10	Sub-1.5 nm Ultrathin CoP Nanosheet Aerogel: Efficient Electrocatalyst for Hydrogen Evolution Reaction at All pH Values. <i>Small</i> , 2018, 14, e1802824.	5.2	99
11	Hierarchical red phosphorus incorporated TiO ₂ hollow sphere heterojunctions toward superior photocatalytic hydrogen production. <i>Journal of Materials Science and Technology</i> , 2022, 108, 18-25.	5.6	82
12	Ultrafine FeSe nanoparticles embedded into 3D carbon nanofiber aerogels with FeSe/Carbon interface for efficient and long-life sodium storage. <i>Carbon</i> , 2019, 143, 106-115.	5.4	78
13	Architecture-controlled synthesis of M _x O _y (M = Ni, Fe, Cu) microfibrils from seaweed biomass for high-performance lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22708-22715.	5.2	75
14	Boosting Sodium-Ion Storage by Encapsulating NiS (CoS) Hollow Nanoparticles into Carbonaceous Fibers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40531-40539.	4.0	62
15	Metal Sulfides@Carbon Microfiber Networks for Boosting Lithium Ion/Sodium Ion Storage via a General Metal-Aspergillus niger Bioleaching Strategy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8072-8080.	4.0	58
16	Reverse Microemulsion-Assisted Synthesis of NiCo ₂ S ₄ Nanoflakes Supported on Nickel Foam for Electrochemical Overall Water Splitting. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701396.	1.9	51
17	Nitrogen/sulphur dual-doped hierarchical carbonaceous fibers boosting potassium-ion storage. <i>Journal of Energy Chemistry</i> , 2021, 55, 420-427.	7.1	41
18	A [001]-Oriented Hittorf's Phosphorus Nanorods/Polymeric Carbon Nitride Heterostructure for Boosting Wide-Spectrum-Responsive Photocatalytic Hydrogen Evolution from Pure Water. <i>Angewandte Chemie</i> , 2020, 132, 878-883.	1.6	40

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19	Porous Ni ₃ S ₄ /C aerogels derived from carrageenan-Ni hydrogels for high-performance sodium-ion batteries anode. <i>Electrochimica Acta</i> , 2019, 299, 72-79.	2.6	39
20	New Approach to Create TiO ₂ (B)/Carbon Core/Shell Nanotubes: Ideal Structure for Enhanced Lithium Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18815-18821.	4.0	37
21	Phosphorus-doped polymeric carbon nitride nanosheets for enhanced photocatalytic hydrogen production. <i>APL Materials</i> , 2020, 8, .	2.2	37
22	Nb ₂ O ₅ -Al ₂ O ₃ nanofibers as heterogeneous catalysts for efficient conversion of glucose to 5-hydroxymethylfurfural. <i>Scientific Reports</i> , 2016, 6, 34068.	1.6	29
23	Superior full battery performance of tunable hollow N-Doped carbonaceous fibers encapsulating Ni ₃ S ₂ nanocrystals with enhanced Li/Na storage. <i>Electrochimica Acta</i> , 2020, 332, 135446.	2.6	23
24	Mechanistic insight into high-efficiency sodium storage based on N/O/P-functionalized ultrathin carbon nanosheet. <i>Journal of Power Sources</i> , 2019, 442, 227184.	4.0	18
25	Fe-alginate biomass-derived FeS/3D interconnected carbon nanofiber aerogels as anodes for high performance sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 795, 54-59.	2.8	18
26	Rapid Assessment of Meat Freshness by the Differential Sensing of Organic Sulfides Emitted during Spoilage. <i>ACS Sensors</i> , 2022, 7, 1395-1402.	4.0	11
27	Ultrathin nickel phosphide nanosheet aerogel electrocatalysts derived from Ni-alginate for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152727.	2.8	9
28	Development of a Fluorophore with Enhanced Unorthodox Chalcogen Bonding for Highly Sensitive Detection of Trimethyl Arsine Vapor. <i>ACS Sensors</i> , 2021, 6, 2851-2857.	4.0	8
29	20,000 Ligands Under the Sea: Metal-Organic Supramolecules from the Ocean. <i>Matter</i> , 2020, 2, 10-12.	5.0	4
30	Controllable construction of pH-responsive hydrogel based on marine polysaccharides as oral delivery vehicle of tramadol. <i>Materials Today Sustainability</i> , 2021, 14, 100080.	1.9	4
31	Interfacial enhancement of O ₂ protonation on Fe ₂ N/Fe ₃ C nanoparticles to boost oxygen reduction reaction and the fuel cell in acidic electrolyte. <i>Materials Today Energy</i> , 2021, 21, 100834.	2.5	3