

Xijun Wei

List of Publications by Year in descending order

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27
papers

1,298
citations

471509

17
h-index

526287

27
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27
all docs

27
docs citations

27
times ranked

1577
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore and Heteroatom Engineered Carbon Foams for Supercapacitors. <i>Advanced Energy Materials</i> , 2019, 9, 1803665.	19.5	321
2	A novel functional material of Co ₃ O ₄ /Fe ₂ O ₃ nanocubes derived from a MOF precursor for high-performance electrochemical energy storage and conversion application. <i>Chemical Engineering Journal</i> , 2019, 355, 336-340.	12.7	150
3	Metal-organic framework-derived hollow CoS nanobox for high performance electrochemical energy storage. <i>Chemical Engineering Journal</i> , 2018, 341, 618-627.	12.7	94
4	Carbon-incorporated NiO/Co ₃ O ₄ concave surface microcubes derived from a MOF precursor for overall water splitting. <i>Chemical Communications</i> , 2019, 55, 6515-6518.	4.1	86
5	Carbon-incorporated porous honeycomb NiCoFe phosphide nanospheres derived from a MOF precursor for overall water splitting. <i>Chemical Communications</i> , 2019, 55, 10896-10899.	4.1	82
6	Orientated VSe ₂ nanoparticles anchored on N-doped hollow carbon sphere for high-stable aqueous energy application. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 12-19.	9.4	74
7	Phosphorization Engineering on Metal-Organic Frameworks for Quasi-Solid-State Asymmetry Supercapacitors. <i>Small</i> , 2021, 17, e2007062.	10.0	69
8	In-Situ Growth of Zeolitic Imidazolate Framework-derived Nanoporous Carbon@K _{0.5} Mn ₂ O ₄ for High-Performance 2.4 V Aqueous Asymmetric Supercapacitors. <i>ChemSusChem</i> , 2018, 11, 3167-3174.	6.8	52
9	Modulated transition metal-oxygen covalency in the octahedral sites of CoFe layered double hydroxides with vanadium doping leading to highly efficient electrocatalysts. <i>Nanoscale</i> , 2019, 11, 23296-23303.	5.6	48
10	High Energy Capacitors Based on All Metal-Organic Frameworks Derivatives and Solar-Charging Station Application. <i>Small</i> , 2019, 15, e1902280.	10.0	44
11	Constructing NiS ₂ /NiSe ₂ heteroboxes with phase boundaries for Sodium-Ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 752-759.	9.4	36
12	Recent advances in modulation engineering-enabled metal compounds for potassium-ion storage. <i>Energy Storage Materials</i> , 2022, 51, 815-839.	18.0	25
13	Potassium mediated Co-Fe-based Prussian blue analogue architectures for aqueous potassium-ion storage. <i>Chemical Communications</i> , 2021, 57, 7019-7022.	4.1	24
14	Metal-Organic Framework-Derived ZnSe- and Co _{0.85} Se-Filled Porous Nitrogen-Doped Carbon Nanocubes Interconnected by Reduced Graphene Oxide for Sodium-Ion Battery Anodes. <i>Inorganic Chemistry</i> , 2021, 60, 11693-11702.	4.0	24
15	Hierarchical MoS ₂ -Coated V ₂ O ₃ composite nanosheet tubes as both the cathode and anode materials for pseudocapacitors. <i>Electrochimica Acta</i> , 2018, 277, 218-225.	5.2	21
16	Oxygen vacancy-rich WO ₃ heterophase structure: A trade-off between surface-limited pseudocapacitance and intercalation-limited behaviour. <i>Chemical Engineering Journal</i> , 2021, 425, 131431.	12.7	19
17	Controllable synthesis of layered K _{0.296} Mn _{0.926} O ₂ to assemble 2.4 V aqueous potassium-ion supercapacitors for double high devices. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17248-17256.	10.3	18
18	Rational design of flower-like Co-Zn LDH@Co(H ₂ PO ₄) ₂ heterojunctions as advanced electrode materials for supercapacitors. <i>Dalton Transactions</i> , 2021, 50, 4643-4650.	3.3	17

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19	MoO ₄ ²⁻ -mediated engineering of Na ₃ V ₂ (PO ₄) ₃ as advanced cathode materials for sodium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1897-1905.	9.4	17
20	Core-shell NiCo ₂ S ₄ @MnMoO ₄ as an Advanced Electrode Material for High-performance Electrochemical Energy Storage. <i>ChemElectroChem</i> , 2017, 4, 2634-2642.	3.4	15
21	ZnO/CoO@NiCoS nanohybrids with double heterogeneous interface for high-performance hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 875, 160046.	5.5	14
22	The effect of work function difference between cathode and anode materials on the potential window of the supercapacitor. <i>Electrochimica Acta</i> , 2020, 332, 135479.	5.2	13
23	Trimetallic CoFeCr hydroxide electrocatalysts synthesized at a low temperature for accelerating water oxidation via tuning the electronic structure of active sites. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3647-3653.	4.9	12
24	A review of size engineering-enabled electrocatalysts for Li-S chemistry. <i>Nanoscale Advances</i> , 2021, 3, 5777-5784.	4.6	10
25	Gas-solid phase flow synthesis of Cu-Co-1,3,5-benzenetricarboxylate for electrocatalytic oxygen evolution. <i>Chemical Communications</i> , 2021, 57, 12297-12300.	4.1	8
26	Developing Binder-Free Electrode Based on Metal-Organic Frameworks and Graphene Hydrogel for Electrochemical Energy Storage. <i>Energy Technology</i> , 2021, 9, 2100121.	3.8	4
27	Structural Modification Engineering of Si Nanoparticles by MIL-125 for High-performance Lithium-ion Storage. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1