Xijun Wei

List of Publications by Year
in descending order

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27	1,298	471509	526287
papers	citations	17 h-index	27 g-index

27	27	27	1577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Constructing NiS2/NiSe2 heteroboxes with phase boundaries for Sodium-Ion batteries. Journal of Colloid and Interface Science, 2022, 607, 752-759.	9.4	36
2	MoO42â^'-mediated engineering of Na3V2(PO4)3 as advanced cathode materials for sodium-ion batteries. Journal of Colloid and Interface Science, 2022, 606, 1897-1905.	9.4	17
3	Structural Modification Engineering of Si Nanoparticles by MILâ€125 for Highâ€performance Lithiumâ€ion Storage. ChemistrySelect, 2022, 7, .	1.5	1
4	Recent advances in modulation engineering-enabled metal compounds for potassium-ion storage. Energy Storage Materials, 2022, 51, 815-839.	18.0	25
5	Orientated VSe2 nanoparticles anchored on N-doped hollow carbon sphere for high-stable aqueous energy application. Journal of Colloid and Interface Science, 2021, 585, 12-19.	9.4	74
6	Potassium mediated Coâ€“Fe-based Prussian blue analogue architectures for aqueous potassium-ion storage. Chemical Communications, 2021, 57, 7019-7022.	4.1	24
7	Developing Binderâ€Free Electrode Based on Metalâ€Organic Frameworks and Graphene Hydrogel for Electrochemical Energy Storage. Energy Technology, 2021, 9, 2100121.	3.8	4
8	Metalâ€“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. Inorganic Chemistry, 2021, 60, 11693-11702.	4.0	24
9	ZnO/CoO@NiCoS nanohybrids with double heterogeneous interface for high-performance hybrid supercapacitors. Journal of Alloys and Compounds, 2021, 875, 160046.	5.5	14
10	Oxygen vacancy-rich WO3 heterophase structure: A trade-off between surface-limited pseudocapacitance and intercalation-limited behaviour. Chemical Engineering Journal, 2021, 425, 131431.	12.7	19
11	A review of size engineering-enabled electrocatalysts for Liâ€“S chemistry. Nanoscale Advances, 2021, 3, 5777-5784.	4.6	10
12	Rational design of flower-like Coâ€“Zn LDH@Co(H₂PO₄)₂ heterojunctions as advanced electrode materials for supercapacitors. Dalton Transactions, 2021, 50, 4643-4650.	3.3	17
13	Phosphorization Engineering on Metalâ€“Organic Frameworks for Quasiâ€Solidâ€State Asymmetry Supercapacitors. Small, 2021, 17, e2007062.	10.0	69
14	Gasâ€“solid phase flow synthesis of Cuâ€“Co-1,3,5-benzenetricarboxylate for electrocatalytic oxygen evolution. Chemical Communications, 2021, 57, 12297-12300.	4.1	8
15	The effect of work function difference between cathode and anode materials on the potential window of the supercapacitor. Electrochimica Acta, 2020, 332, 135479.	5.2	13
16	Controllable synthesis of layered K_{0.296}Mn_{0.926}O₂ to assemble 2.4 V aqueous potassium-ion supercapacitors for double high devices. Journal of Materials Chemistry A, 2020, 8, 17248-17256.	10.3	18
17	Trimetallic CoFeCr hydroxide electrocatalysts synthesized at a low temperature for accelerating water oxidationviatuning the electronic structure of active sites. Sustainable Energy and Fuels, 2020, 4, 3647-3653.	4.9	12
18	A novel functional material of Co3O4/Fe2O3 nanocubes derived from a MOF precursor for high-performance electrochemical energy storage and conversion application. Chemical Engineering Journal, 2019, 355, 336-340.	12.7	150

#	Article	IF	Citations
19	Carbon-incorporated porous honeycomb NiCoFe phosphide nanospheres derived from a MOF precursor for overall water splitting. Chemical Communications, 2019, 55, 10896-10899.	4.1	82
20	High Energy Capacitors Based on All Metalâ€Organic Frameworks Derivatives and Solarâ€Charging Station Application. Small, 2019, 15, e1902280.	10.0	44
21	Carbon-incorporated NiO/Co₃O₄ concave surface microcubes derived from a MOF precursor for overall water splitting. Chemical Communications, 2019, 55, 6515-6518.	4.1	86
22	Pore and Heteroatom Engineered Carbon Foams for Supercapacitors. Advanced Energy Materials, 2019, 9, 1803665.	19.5	321
23	Modulated transition metalâ€“oxygen covalency in the octahedral sites of CoFe layered double hydroxides with vanadium doping leading to highly efficient electrocatalysts. Nanoscale, 2019, 11, 23296-23303.	5.6	48
24	Hierarchical MoS2-Coated V2O3 composite nanosheet tubes as both the cathode and anode materials for pseudocapacitors. Electrochimica Acta, 2018, 277, 218-225.	5.2	21
25	Metal-organic framework-derived hollow CoS nanobox for high performance electrochemical energy storage. Chemical Engineering Journal, 2018, 341, 618-627.	12.7	94
26	Inâ€…Situ Growth of Zeolitic Imidazolate Frameworkâ€67â€derived Nanoporous Carbon@K_{0.5}Mn₂O₄ for Highâ€Performance 2.4â€…V Aqueous Asymmetric Supercapacitors. ChemSusChem, 2018, 11, 3167-3174.	6.8	52
27	Coreâ€shell NiCo₂S₄@MnMoO₄ as an Advanced Electrode Material for Highâ€performance Electrochemical Energy Storage. ChemElectroChem, 2017, 4, 2634-2642.	3.4	15