Yang Bai

List of Publications by Year in descending order

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44	2,555	270111	274796
papers	citations	25	44
		h-index	g-index

44	44	44	2075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€Organic Frameworks Nanocomposites with Different Dimensionalities for Energy Conversion and Storage. Advanced Energy Materials, 2022, 12, 2100346.	10.2	86
2	MILâ€96â€Al for Liâ€“S Batteries: Shape or Size?. Advanced Materials, 2022, 34, e2107836.	11.1	205
3	MXenes nanocomposites for energy storage and conversion. Rare Metals, 2022, 41, 1101-1128.	3.6	47
4	In Situ Growth of Threeâ€Dimensional MXene/Metalâ€“Organic Framework Composites for Highâ€Performance Supercapacitors. Angewandte Chemie - International Edition, 2022, 61, .	7.2	211
5	In Situ Growth of Threeâ€Dimensional MXene/Metalâ€“Organic Framework Composites for Highâ€Performance Supercapacitors. Angewandte Chemie, 2022, 134, e202116282.	1.6	47
6	Framework materials for supercapacitors. Nanotechnology Reviews, 2022, 11, 1005-1046.	2.6	32
7	High-strength and corrosion-resistant Fe/Al2SiO5 soft magnetic composites fabricated by a nanoscale solid-reaction coating method. Journal of Alloys and Compounds, 2022, 912, 165174.	2.8	9
8	In Situ Synthesis of MOFâ€74 Family for High Areal Energy Density of Aqueous Nickelâ€“Zinc Batteries. Advanced Materials, 2022, 34, e2201779.	11.1	117
9	Pyridine-modulated Ni/Co bimetallic metal-organic framework nanoplates for electrocatalytic oxygen evolution. Science China Materials, 2021, 64, 137-148.	3.5	55
10	Controllable synthesis of ultrathin layered transition metal hydroxide/zeolitic imidazolate framework-67 hybrid nanosheets for high-performance supercapacitors. Journal of Materials Chemistry A, 2021, 9, 11201-11209.	5.2	49
11	In Situ Anchoring Polymetallic Phosphide Nanoparticles within Porous Prussian Blue Analogue Nanocages for Boosting Oxygen Evolution Catalysis. Nano Letters, 2021, 21, 3016-3025.	4.5	250
12	MXeneâ€Copper/Cobalt Hybrids via Lewis Acidic Molten Salts Etching for High Performance Symmetric Supercapacitors. Angewandte Chemie - International Edition, 2021, 60, 25318-25322.	7.2	295
13	MXeneâ€Copper/Cobalt Hybrids via Lewis Acidic Molten Salts Etching for High Performance Symmetric Supercapacitors. Angewandte Chemie, 2021, 133, 25522-25526.	1.6	99
14	Highâ€Performance Capacitive Deionization and Killing Microorganism in Surfaceâ€Water by ZIFâ€9 Derived Carbon Composites. Small Methods, 2021, 5, e2101070.	4.6	36
15	Chemical coating of crystalline-Fe/amorphous-Fe core-shell structured composites and their enhanced soft magnetic properties. Journal of Magnetism and Magnetic Materials, 2020, 494, 165774.	1.0	7
16	Combinatorial surface coating and greatly-improved soft magnetic performance of Fe/Fe3O4/resin composites. Materials Chemistry and Physics, 2020, 242, 122478.	2.0	24
17	Necklace-like Fe3O4 nanoparticle beads on carbon nanotube threads for microwave absorption and supercapacitors. Materials and Design, 2020, 189, 108517.	3.3	62
18	Anchoring ZIF-67 particles on amidoximerized polyacrylonitrile fibers for radionuclide sequestration in wastewater and seawater. Journal of Hazardous Materials, 2020, 395, 122692.	6.5	104

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19	Low-loss and high-induction Fe-based soft magnetic composites coated with magnetic insulating layers. Journal of Magnetism and Magnetic Materials, 2019, 492, 165651.	1.0	37
20	Surface-Oxidized Amorphous Fe Nanoparticles Supported on Reduced Graphene Oxide Sheets for Microwave Absorption. ACS Applied Nano Materials, 2019, 2, 4367-4376.	2.4	37
21	Nanolayered flaky Fe-based amorphous-nanocrystalline/graphite sheet composites with enhanced microwave absorbing properties. Journal of Alloys and Compounds, 2019, 797, 39-44.	2.8	15
22	Chemical Synthesis of High-Stable Amorphous FeCo Nanoalloys with Good Magnetic Properties. Nanomaterials, 2018, 8, 154.	1.9	26
23	Solvothermal synthesis and good microwave absorbing properties for magnetic porous-Fe3O4/graphene nanocomposites. AIP Advances, 2017, 7, .	0.6	19
24	Oxidation fabrication and enhanced soft magnetic properties for core-shell FeCo/CoFe 2 O 4 micron-nano composites. Materials and Design, 2017, 121, 272-279.	3.3	60
25	Three-dimensional hollow CoS2 nanoframes fabricated by anion replacement and their enhanced pseudocapacitive performances. Electrochimica Acta, 2017, 240, 341-349.	2.6	47
26	Chemical synthesis of Fe/Fe3O4 core-shell composites with enhanced soft magnetic performances. Journal of Magnetism and Magnetic Materials, 2017, 428, 6-11.	1.0	27
27	Surface-oxidized FeCo/carbon nanotubes nanorods for lightweight and efficient microwave absorbers. Materials and Design, 2017, 136, 13-22.	3.3	46
28	Hydrothermal synthesis of magnetic Fe3O4/graphene composites with good electromagnetic microwave absorbing performances. Journal of Magnetism and Magnetic Materials, 2017, 426, 114-120.	1.0	91
29	Solvothermal synthesis of hollow Fe3O4 sub-micron spheres and their enhanced electrochemical properties for supercapacitors. Materials and Design, 2016, 101, 35-43.	3.3	39
30	Structure evolution of Prussian blue analogues to CoFe@C coreâ€“shell nanocomposites with good microwave absorbing performances. RSC Advances, 2016, 6, 105644-105652.	1.7	81
31	Effects of local structure of Ce3+ ions on luminescent properties of Y3Al5O12:Ce nanoparticles. Scientific Reports, 2016, 6, 22238.	1.6	109
32	Structural Formation and Improved Performances of Chemically Synthesized Composition-Controlled Micron-Sized Fe100â^'x Co x Particles. Journal of Superconductivity and Novel Magnetism, 2016, 29, 417-422.	0.8	5
33	A facile solvothermal synthesis of large-grain iron cubes and cuboids with enhanced performances. Journal of Magnetism and Magnetic Materials, 2016, 405, 22-27.	1.0	6
34	Controlled Morphologies and Intrinsic Magnetic Properties of Chemically Synthesized Large-Grain FeCo Particles. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1863-1869.	0.8	13
35	Surface Modification and Enhanced Performance of Chemically Synthesized Nanosized Amorphous Fe Particles. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2177-2182.	0.8	11
36	Structural-controlled chemical synthesis of nanosized amorphous Fe particles and their improved performances. Journal of Alloys and Compounds, 2015, 651, 551-556.	2.8	22

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37	Preparation and magnetic properties of novel hybrid magnetic powder cores. Materials Research Innovations, 2014, 18, S4-610-S4-614.	1.0	3
38	Controlled chemical synthesis and enhanced performance of micron-sized FeCo particles. Journal of Alloys and Compounds, 2014, 615, 322-326.	2.8	25
39	High-performance Î±-Fe/Pr2Fe14B-type nanocomposite magnets fabricated by direct melt spinning. Journal of Rare Earths, 2013, 31, 49-53.	2.5	13
40	Low Percolation Threshold Carbon-Black/Nitrile-Butadiene-Rubber Composites and Their Electromagnetic Shielding Effects. Journal of Nanoscience and Nanotechnology, 2013, 13, 1339-1342.	0.9	3
41	Effect of High Magnetic Field Annealing on Magnetic Properties of CoFe$_{2}$O$_{4}$ Nanowire Arrays. IEEE Transactions on Magnetics, 2011, 47, 2855-2858.	1.2	6
42	Magnetic and Microwave Absorption Properties of Core/Shell FeCo-Based Nanocomposites Synthesized by a Simple Wet Chemical Method. IEEE Transactions on Magnetics, 2011, 47, 3456-3459.	1.2	6
43	Effect of aspect ratio on microstructure and magnetic properties of spinel CoFe2O4 nanowire arrays. Applied Physics A: Materials Science and Processing, 2011, 105, 177-181.	1.1	7
44	High-performance Fe/SiO₂ soft magnetic composites for low-loss and high-power applications. Journal Physics D: Applied Physics, 2010, 43, 365003.	1.3	66