

Xiaodong Hong

List of Publications by Year in descending order

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38
papers

1,325
citations

331670

21
h-index

345221

36
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38
all docs

38
docs citations

38
times ranked

1806
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlithium Metal–Sulfur Batteries: Steps Toward a Leap. <i>Advanced Materials</i> , 2019, 31, e1802822.	21.0	168
2	Three-dimensional reduced graphene oxide/polyaniline nanocomposite film prepared by diffusion driven layer-by-layer assembly for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2017, 343, 60-66.	7.8	138
3	Application Progress of Polyaniline, Polypyrrole and Polythiophene in Lithium-Sulfur Batteries. <i>Polymers</i> , 2020, 12, 331.	4.5	85
4	Synthesis and properties of a novel phosphorous–containing flame–retardant hardener for epoxy resin. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2759-2765.	2.6	74
5	A wheat flour derived hierarchical porous carbon/graphitic carbon nitride composite for high-performance lithium–sulfur batteries. <i>Carbon</i> , 2020, 170, 119-126.	10.3	66
6	Hierarchical SnO ₂ nanoclusters wrapped functionalized carbonized cotton cloth for symmetrical supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 775, 15-21.	5.5	57
7	Interlayer space regulating of NiMn layered double hydroxides for supercapacitors by controlling hydrothermal reaction time. <i>Electrochimica Acta</i> , 2019, 295, 1-6.	5.2	53
8	Two-Dimensional Ordering in Block Copolymer Monolayer Thin Films upon Selective Solvent Annealing. <i>Macromolecules</i> , 2008, 41, 5799-5808.	4.8	46
9	Recent advances in bismuth oxyhalide photocatalysts for degradation of organic pollutants in wastewater. <i>RSC Advances</i> , 2021, 11, 26855-26875.	3.6	44
10	Synthesis of novel intumescent flame retardant containing phosphorus, nitrogen and boron and its application in polyethylene. <i>Polymer Bulletin</i> , 2015, 72, 2967-2978.	3.3	41
11	Stamen-petal-like CeO ₂ /NiMn layered double hydroxides composite for high-rate-performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151911.	5.5	41
12	Recent Advance in Co ₃ O ₄ and Co ₃ O ₄ -Containing Electrode Materials for High-Performance Supercapacitors. <i>Molecules</i> , 2020, 25, 269.	3.8	41
13	Recent Progress on Graphene/Polyaniline Composites for High-performance Supercapacitors. <i>Materials</i> , 2019, 12, 1451.	2.9	40
14	Effect of average interlayer spacing on capacitance of NiMn layered double hydroxide. <i>Chemical Engineering Journal</i> , 2020, 398, 125618.	12.7	37
15	Carbon foam@reduced graphene oxide scaffold grown with polyaniline nanofibers for high performance symmetric supercapacitor. <i>Electrochimica Acta</i> , 2019, 294, 376-382.	5.2	34
16	Recent Advances in Heteroatom Doped Graphitic Carbon Nitride (g-C ₃ N ₄) and g-C ₃ N ₄ /Metal Oxide Composite Photocatalysts. <i>Current Organic Chemistry</i> , 2020, 24, 673-693.	1.6	33
17	Progress in Graphene/Metal Oxide Composite Photocatalysts for Degradation of Organic Pollutants. <i>Catalysts</i> , 2020, 10, 921.	3.5	30
18	Hydrophilic macroporous SnO ₂ /rGO composite prepared by melamine template for high efficient photocatalyst. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152550.	5.5	28

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19	AFM Tip Hammering Nanolithography. <i>Small</i> , 2009, 5, 477-483.	10.0	27
20	Spreading GO nanosheets-coated nickel foam decorated by NiCo ₂ O ₄ /NiCo ₂ S ₄ nanoarrays for high-performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2021, 385, 138437.	5.2	24
21	Sandwich structured MnO ₂ /carbon nanosheet/MnO ₂ composite for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 889, 161821.	5.5	24
22	Carbon nanosheet/MnO ₂ /BiOCl ternary composite for degradation of organic pollutants. <i>Journal of Alloys and Compounds</i> , 2022, 891, 162090.	5.5	23
23	Study on structure and performance of reactive silicate reinforced polyurethane composite. <i>Polymer Engineering and Science</i> , 2015, 55, 2322-2327.	3.1	22
24	Strawberry-like carbonized cotton Cloth@Polyaniline nanocomposite for high-performance symmetric supercapacitors. <i>Materials Chemistry and Physics</i> , 2021, 258, 123999.	4.0	19
25	Facile measurement of polymer film thickness ranging from nanometer to micrometer scale using atomic force microscopy. <i>Surface and Interface Analysis</i> , 2011, 43, 1299-1303.	1.8	17
26	Extremely low fractions of graphene oxide in carbon foam prepared by a spin-coating method as freestanding supercapacitor electrodes. <i>Journal of Materials Science</i> , 2018, 53, 16476-16483.	3.7	17
27	Synthesis and properties of a new halogen-free flame-retardant epoxy resin curing agent. <i>High Performance Polymers</i> , 2016, 28, 110-118.	1.8	16
28	Potassium citrate-derived carbon nanosheets/carbon nanotubes/polyaniline ternary composite for supercapacitor electrodes. <i>Electrochimica Acta</i> , 2022, 403, 139571.	5.2	16
29	Carbon nanosheets/MnO ₂ /NiCo ₂ O ₄ ternary composite for supercapacitor electrodes. <i>Journal of Energy Storage</i> , 2022, 53, 105086.	8.1	15
30	Construction of a hydrangea-like Bi ₂ WO ₆ /BiOCl composite as a high-performance photocatalyst. <i>New Journal of Chemistry</i> , 2022, 46, 2627-2634.	2.8	14
31	Glucose-tailored SnO ₂ /TiO ₂ /RGO ternary composite for degradation of organic pollutants. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110442.	4.0	10
32	Two-dimensional self-assembly of diblock copolymers into nanoscopic aggregates: from dots to disks, then rings, and finally short and long rods. <i>Soft Matter</i> , 2013, 9, 5642.	2.7	6
33	SnO ₂ /Diatomite Composite Prepared by Solvothermal Reaction for Low-Cost Photocatalysts. <i>Catalysts</i> , 2019, 9, 1060.	3.5	5
34	Electrochemical Performance of MnO ₂ /Graphene Flower-like Microspheres Prepared by Thermally-Exfoliated Graphite. <i>Frontiers in Chemistry</i> , 2022, 10, 870541.	3.6	4
35	The effects of different dimensional organic amines on synthetic zinc phosphites/phosphates. <i>Journal of Porous Materials</i> , 2020, 27, 21-28.	2.6	3
36	Fe ₂ O ₃ /rGO/CNT composite sulfur hosts with physical and chemical dual-encapsulation for high performance lithium-sulfur batteries. <i>New Journal of Chemistry</i> , 2021, 45, 21582-21590.	2.8	3

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37	Preparation of mechanically stripped functionalized multilayer graphene and its effect on thermal conductivity of polyethylene composites. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	3
38	Automatic hammering of nano-patterns on special polymer film by using a vibrating AFM tip. <i>Nanoscale Research Letters</i> , 2012, 7, 456.	5.7	1