

# Qing-Rong Qian

## List of Publications by Year in descending order

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139  
papers

3,867  
citations

117453

34  
h-index

161609

54  
g-index

139  
all docs

139  
docs citations

139  
times ranked

3904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ZnO loading to activated carbon on Pb(II) adsorption from aqueous solution. Carbon, 2006, 44, 195-202.	5.4	214
2	Electrospinning-Based Strategies for Battery Materials. Advanced Energy Materials, 2021, 11, 2000845.	10.2	169
3	Rational design of few-layer MoSe <sub>2</sub> confined within ZnSe@C hollow porous spheres for high-performance lithium-ion and sodium-ion batteries. Nanoscale, 2019, 11, 6766-6775.	2.8	143
4	Preparation of activated carbons from cattle-manure compost by zinc chloride activation. Bioresource Technology, 2007, 98, 353-360.	4.8	118
5	High-Rate, Large Capacity, and Long Life Dendrite-Free Zn Metal Anode Enabled by Trifunctional Electrolyte Additive with a Wide Temperature Range. Advanced Science, 2022, 9, .	5.6	91
6	In situ simultaneous encapsulation of defective MoS <sub>2</sub> nanolayers and sulfur nanodots into SPAN fibers for high rate sodium-ion batteries. Chemical Engineering Journal, 2021, 404, 126430.	6.6	90
7	Co-construction of sulfur vacancies and carbon confinement in V <sub>5</sub> S <sub>8</sub> /CNFs to induce an ultra-stable performance for half/full sodium-ion and potassium-ion batteries. Nanoscale, 2021, 13, 5033-5044.	2.8	90
8	V <sub>3</sub> Se <sub>4</sub> embedded within N/P co-doped carbon fibers for sodium/potassium ion batteries. Chemical Engineering Journal, 2021, 419, 129607.	6.6	89
9	Ge/GeO <sub>2</sub> -Ordered Mesoporous Carbon Nanocomposite for Rechargeable Lithium-Ion Batteries with a Long-Term Cycling Performance. ACS Applied Materials & Interfaces, 2016, 8, 232-239.	4.0	88
10	Structural engineering of tin sulfides anchored on nitrogen/phosphorus dual-doped carbon nanofibres in sodium/potassium-ion batteries. Carbon, 2022, 189, 46-56.	5.4	86
11	Electrospinning Engineering Enables High-Performance Sodium-Ion Batteries. Advanced Fiber Materials, 2022, 4, 43-65.	7.9	71
12	Preparation of a Si/SiO <sub>2</sub> @Ordered Mesoporous Carbon Nanocomposite as an Anode for High-Performance Lithium-Ion and Sodium-Ion Batteries. Chemistry - A European Journal, 2018, 24, 4841-4848.	1.7	70
13	An Sn doped 1T@2H MoS <sub>2</sub> few-layer structure embedded in N/P co-doped bio-carbon for high performance sodium-ion batteries. Chemical Communications, 2019, 55, 3614-3617.	2.2	69
14	In situ fabrication of ultrathin few-layered WSe <sub>2</sub> anchored on N, P dual-doped carbon by bioreactor for half/full sodium/potassium-ion batteries with ultralong cycling lifespan. Journal of Colloid and Interface Science, 2020, 574, 217-228.	5.0	67
15	Adsorption-desorption behavior of methylene blue onto aged polyethylene microplastics in aqueous environments. Marine Pollution Bulletin, 2021, 167, 112287.	2.3	67
16	Green synthesis of a Se/HPCF@rGO composite for Li-Se batteries with excellent long-term cycling performance. Journal of Materials Chemistry A, 2017, 5, 22997-23005.	5.2	61
17	Facile Synthesis of Ultra-Small Few-Layer Nanostructured MoSe <sub>2</sub> Embedded on N, P Co-Doped Bio-Carbon for High-Performance Half/Full Sodium-Ion and Potassium-Ion Batteries. Chemistry - A European Journal, 2019, 25, 13411-13421.	1.7	61
18	Controllable P Doping of the LaCoO <sub>3</sub> Catalyst for Efficient Propane Oxidation: Optimized Surface Co Distribution and Enhanced Oxygen Vacancies. ACS Applied Materials & Interfaces, 2020, 12, 23789-23799.	4.0	61

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19	Electrospun BiOCl/Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> Nanorod Heterostructures with Enhanced Solar Light Efficiency in the Photocatalytic Degradation of Tetracycline Hydrochloride. ChemCatChem, 2018, 10, 2496-2504.	1.8	57
20	Good interaction between well dispersed Pt and LaCoO <sub>3</sub> nanorods achieved rapid Co <sup>3+</sup> /Co <sup>2+</sup> redox cycle for total propane oxidation. Chemical Engineering Journal, 2019, 357, 395-403.	6.6	57
21	Preparation and characterization of electrospun La <sup>1-x</sup> Ce <sup>x</sup> CoO <sub>3</sub> : Application to catalytic oxidation of benzene. Journal of Hazardous Materials, 2015, 296, 17-22.	6.5	53
22	Facet Engineering of Pd Nanocrystals for Enhancing Photocatalytic Hydrogenation: Modulation of the Schottky Barrier Height and Enrichment of Surface Reactants. ACS Applied Materials & Interfaces, 2021, 13, 13044-13054.	4.0	53
23	Research progress in electrospinning engineering for all-solid-state electrolytes of lithium metal batteries. Journal of Energy Chemistry, 2021, 61, 253-268.	7.1	52
24	Electrospun VSe <sub>1.5</sub> /CNF composite with excellent performance for alkali metal ion batteries. Nanoscale, 2019, 11, 16308-16316.	2.8	50
25	Selective corrosion of LaCoO <sub>3</sub> by NaOH: structural evolution and enhanced activity for benzene oxidation. Catalysis Science and Technology, 2017, 7, 496-501.	2.1	49
26	Molecular and structural analysis of epoxide-ε-modified recycled poly(ethylene terephthalate) from rheological data. Polymer Engineering and Science, 2012, 52, 2127-2133.	1.5	48
27	Highly thermally conductive phase change composites for thermal energy storage featuring shape memory. Composites Part A: Applied Science and Manufacturing, 2020, 129, 105706.	3.8	47
28	Ag/TiO <sub>2</sub> nanofibers heterostructure with enhanced photocatalytic activity for parathion. Materials Letters, 2012, 66, 370-373.	1.3	44
29	An ultra-small few-layer MoS <sub>2</sub> -hierarchical porous carbon fiber composite obtained via nanocasting synthesis for sodium-ion battery anodes with excellent long-term cycling performance. Dalton Transactions, 2019, 48, 4149-4156.	1.6	44
30	Studies on B sites in Fe-doped LaNiO <sub>3</sub> perovskite for SCR of NO <sub>x</sub> with H <sub>2</sub> . International Journal of Hydrogen Energy, 2014, 39, 15836-15843.	3.8	39
31	Facile fabrication of a vanadium nitride/carbon fiber composite for half/full sodium-ion and potassium-ion batteries with long-term cycling performance. Nanoscale, 2020, 12, 10693-10702.	2.8	39
32	Bio-based flexible phase change composite film with high thermal conductivity for thermal energy storage. Composites Part A: Applied Science and Manufacturing, 2021, 151, 106638.	3.8	38
33	Boosting total oxidation of propane over CeO <sub>2</sub> @Co <sub>3</sub> O <sub>4</sub> nanofiber catalysts prepared by multifluidic coaxial electrospinning with continuous grain boundary and fast lattice oxygen mobility. Journal of Hazardous Materials, 2021, 406, 124695.	6.5	37
34	Stabilizing intermediate phases <i>via</i> the efficient confinement effects of the SnS <sub>2</sub> -SPAN fibre composite for ultra-stable half/full sodium/potassium-ion batteries. Journal of Materials Chemistry A, 2022, 10, 11449-11457.	5.2	36
35	Textural and surface chemical characteristics of activated carbons prepared from cattle manure compost. Waste Management, 2008, 28, 1064-1071.	3.7	35
36	LaOCl nanofibers derived from electrospun PVA/Lanthanum chloride composite fibers. Materials Letters, 2010, 64, 6-8.	1.3	34

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37	Ethanol thermal reduction synthesis of hierarchical MoO <sub>2</sub> @C hollow spheres with high rate performance for lithium ion batteries. RSC Advances, 2016, 6, 105558-105564.	1.7	33
38	Facile synthesis of hierarchical lychee-like Zn <sub>3</sub> V <sub>3</sub> O <sub>8</sub> @C/rGO nanospheres as high-performance anodes for lithium ion batteries. Journal of Colloid and Interface Science, 2019, 533, 627-635.	5.0	33
39	Nitrogen-doped carbon encapsulated zinc vanadate polyhedron engineered from a metal-organic framework as a stable anode for alkali ion batteries. Journal of Colloid and Interface Science, 2021, 593, 251-265.	5.0	33
40	Effect of microplastics PAN polymer and/or Cu <sup>2+</sup> pollution on the growth of <i>Chlorella pyrenoidosa</i> . Environmental Pollution, 2020, 265, 114985.	3.7	32
41	Dual carbon decorated germanium-carbon composite as a stable anode for sodium/potassium-ion batteries. Journal of Colloid and Interface Science, 2021, 584, 372-381.	5.0	30
42	Ultrathin Two-Dimensional ZnIn <sub>2</sub> S <sub>4</sub> /Ni <sub>2</sub> -B Heterostructure for High-Performance Photocatalytic Fine Chemical Synthesis and H <sub>2</sub> Generation. ACS Applied Materials & Interfaces, 2022, 14, 25297-25307.	4.0	30
43	La(III)-doped ZnO/C nanofibers with core-shell structure by electrospinning-calcination technology. Materials Letters, 2013, 98, 94-97.	1.3	29
44	Facile preparation of a V <sub>2</sub> O <sub>3</sub> /carbon fiber composite and its application for long-term performance lithium-ion batteries. New Journal of Chemistry, 2017, 41, 5380-5386.	1.4	29
45	Inverse Coprecipitation Directed Porous Core-Shell Mn-Co-O Catalyst for Efficient Low Temperature Propane Oxidation. ACS Sustainable Chemistry and Engineering, 2020, 8, 5787-5798.	3.2	27
46	Preparation of Ge/N, S co-doped ordered mesoporous carbon composite and its long-term cycling performance of lithium-ion batteries. Electrochimica Acta, 2019, 318, 737-745.	2.6	26
47	Significant role of carbonate radicals in tetracycline hydrochloride degradation based on solar light-driven TiO <sub>2</sub> -seashell composites: Removal and transformation pathways. Chinese Journal of Catalysis, 2020, 41, 1511-1521.	6.9	26
48	Water vapor adsorption onto activated carbons prepared from cattle manure compost (CMC). Applied Surface Science, 2008, 254, 4868-4874.	3.1	25
49	Ultrahigh thermally conductive graphene filled liquid crystalline epoxy composites: Preparation assisted by polyethylene glycol. Composites Science and Technology, 2020, 200, 108473.	3.8	25
50	Removal of organic contaminants from aqueous solution by cattle manure compost (CMC) derived activated carbons. Applied Surface Science, 2009, 255, 6107-6114.	3.1	24
51	Microalgal-Immobilized Biocomposite Scaffold Fabricated by Fused Deposition Modeling 3D Printing Technology for Dyes Removal. ES Materials & Manufacturing, 2020, , .	1.1	24
52	Removal of copper from aqueous solution using iron-containing adsorbents derived from methane fermentation sludge. Journal of Hazardous Materials, 2009, 172, 1137-1144.	6.5	23
53	The role of Cu species in electrospun CuO@CeO <sub>2</sub> nanofibers for total benzene oxidation. New Journal of Chemistry, 2015, 39, 1001-1005.	1.4	23
54	Electrospun nitrogen and carbon co-doped porous TiO <sub>2</sub> nanofibers with high visible light photocatalytic activity. New Journal of Chemistry, 2015, 39, 6944-6950.	1.4	22

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55	Amorphous Boron Dispersed in LaCoO <sub>3</sub> with Large Oxygen Vacancies for Efficient Catalytic Propane Oxidation. <i>Chemistry - A European Journal</i> , 2021, 27, 4738-4745.	1.7	22
56	Orientation behavior and thermal conductivity of liquid crystal polymer composites based on Three-Dimensional printing. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 160, 107059.	3.8	22
57	Preparation and photoluminescence characteristics of Tb-, Sm- and Dy-doped Y <sub>2</sub> O <sub>3</sub> nanofibers by electrospinning. <i>Journal of Luminescence</i> , 2012, 132, 81-85.	1.5	21
58	Facile one-pot synthesis of porous Ln <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> (Ln = Nd, Gd, Er) with photocatalytic degradation performance for methyl orange. <i>Catalysis Communications</i> , 2014, 51, 72-76.	1.6	21
59	Enhanced activity for total benzene oxidation over SBA-15 assisted electrospun LaCoO <sub>3</sub> . <i>Molecular Catalysis</i> , 2017, 436, 259-266.	1.0	21
60	Visible light-assisted efficient degradation of dye pollutants with biomass-supported TiO <sub>2</sub> hybrids. <i>Materials Science and Engineering C</i> , 2018, 82, 197-203.	3.8	21
61	Hierarchical LiZnVO <sub>4</sub> @C nanostructures with enhanced cycling stability for lithium-ion batteries. <i>Dalton Transactions</i> , 2015, 44, 7967-7972.	1.6	20
62	Enhancement of Electromagnetic Interference Shielding Performance and Wear Resistance of the UHMWPE/PP Blend by Constructing a Segregated Hybrid Conductive Carbon Black-Polymer Network. <i>ACS Omega</i> , 2021, 6, 15078-15088.	1.6	20
63	Influence of Reactive Compatibilizer on the Morphology, Rheological, and Mechanical Properties of Recycled Poly(Ethylene Terephthalate)/Polyamide 6 Blends. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 1543-1552.	0.4	19
64	Novel Bamboo-Mediated Biosynthesis of MnO <sub>x</sub> for Efficient Low-Temperature Propane Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11446-11455.	3.2	18
65	S-Doped Sb <sub>2</sub> O <sub>3</sub> Nanocrystal: an Efficient Visible-Light Catalyst for Organic Degradation. <i>Nanoscale Research Letters</i> , 2018, 13, 114.	3.1	17
66	Highly stable Co <sub>3</sub> O <sub>4</sub> nanoparticles-assembled microrods derived from MOF for efficient total propane oxidation. <i>Journal of Materials Science</i> , 2020, 55, 5190-5202.	1.7	17
67	Fabrication and photocatalytic properties of Gd-doped ZnO nanoparticle-assembled nanorods. <i>Materials Letters</i> , 2015, 149, 70-73.	1.3	16
68	Design of Cu-Ce co-doped TiO <sub>2</sub> for improved photocatalysis. <i>Journal of Materials Science</i> , 2017, 52, 1265-1271.	1.7	16
69	Largely enhanced thermal conductivity and thermal stability of ultra high molecular weight polyethylene composites via BN/CNT synergy. <i>RSC Advances</i> , 2019, 9, 40800-40809.	1.7	16
70	Shape-Stabilized Phase Change Materials with Superior Thermal Conductivity for Thermal Energy Harvesting. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2160-2168.	2.0	16
71	Effect of ZnCl <sub>2</sub> impregnation ratio on pore structure of activated carbons prepared from cattle manure compost: application of N <sub>2</sub> adsorption-desorption isotherms. <i>Journal of Material Cycles and Waste Management</i> , 2008, 10, 53-61.	1.6	15
72	Isolation of ethanol from its aqueous solution by liquid phase adsorption and gas phase desorption using molecular sieving carbon. <i>Adsorption</i> , 2011, 17, 869-879.	1.4	15

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73	Structure and properties of ultrahigh molecular weight polyethylene processed under a consecutive elongational flow. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	14
74	Simultaneously enhanced mechanical properties and flame retardancy of UHMWPE with polydopamine-coated expandable graphite. <i>RSC Advances</i> , 2019, 9, 21371-21380.	1.7	14
75	Preparation and Rheological and Mechanical Properties of Poly(butylene succinate)/Talc Composites for Material Extrusion Additive Manufacturing. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900021.	1.7	14
76	In situ fabrication of ZnO@MoO <sub>2</sub> /C hetero-phase nanocomposite derived from MOFs with enhanced performance for lithium storage. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152728.	2.8	14
77	In Situ Growth of Ca <sup>2+</sup> -Based Metal-Organic Framework on CaSiO <sub>3</sub> /ABS/TPU 3D Skeleton for Methylene Blue Removal. <i>Materials</i> , 2020, 13, 4403.	1.3	14
78	SnS <sub>2</sub> nanosheets anchored on porous carbon fibers for high performance of sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 114021.	1.9	14
79	Photocatalytic degradation of tetracycline hydrochloride over rugby-like $\text{I}^2\text{-Ga}_2\text{O}_3$ with a 3D hierarchically assembled porous structure for environmental remediation. <i>Catalysis Science and Technology</i> , 2020, 10, 3315-3323.	2.1	14
80	Preparation and Characteristics of LaOCl Nanotubes by Coaxial Electrospinning. <i>Materials Letters</i> , 2012, 80, 43-45.	1.3	13
81	The structure and properties of long-chain branching poly(trimethylene terephthalate). <i>Rheologica Acta</i> , 2014, 53, 67-74.	1.1	13
82	Simple fabrication of BiOCl/Bi/P25 composite with enhanced visible light photocatalytic activity. <i>Optical Materials</i> , 2017, 72, 691-696.	1.7	13
83	Hugely enhanced flame retardancy and smoke suppression properties of UHMWPE composites with silicone-coated expandable graphite. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1673-1683.	1.6	13
84	Influence of phosphorus-grafted expandable graphite on the flame-retardant property of UHMWPE composite. <i>Polymers for Advanced Technologies</i> , 2019, 30, 493-503.	1.6	13
85	Recycled Poly(Ethylene Terephthalate) from Waste Textiles with Improved Thermal and Rheological Properties by Chain Extension. <i>Polymers</i> , 2022, 14, 510.	2.0	13
86	Non-isothermal crystallization kinetics of poly(ethylene terephthalate)/mica composites. <i>Polymer Bulletin</i> , 2014, 71, 2287-2301.	1.7	12
87	Melt rheology and properties of compatibilized recycled poly(ethylene terephthalate) and Additive Technology, 2016, 22, 342-349.	1.8	12
88	Preparation of hierarchical MoO <sub>2</sub> @RGO composite and its application for high rate performance lithium-ion batteries. <i>Materials Letters</i> , 2018, 212, 198-201.	1.3	12
89	Thermal Performances of UHMWPE/BN Composites Obtained from Different Blending Methods. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-11.	0.8	12
90	Influence of surface functional groups and solution pH on removal of organic compounds and a heavy metal by activated carbon. <i>Tanso</i> , 2006, 2006, 215-219.	0.1	11

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91	Melt rheological and compatibility properties of recycled poly(ethylene terephthalate)/poly(acrylonitrile- <i>butadiene</i> -styrene) blends. <i>Journal of Applied Polymer Science</i> , 2012, 126, E266.	1.3	11
92	Simultaneously enhanced mechanical properties and thermal properties of ultrahigh-molecular-weight polyethylene with polydopamine-coated $\alpha$ -alumina platelets. <i>Polymer International</i> , 2019, 68, 151-159.	1.6	11
93	Recovery of phosphate and ammonium nitrogen as struvite from aqueous solutions using a magnesium-air cell system. <i>Science of the Total Environment</i> , 2022, 819, 152006.	3.9	11
94	A green strategy towards fabricating FePO <sub>4</sub> -graphene oxide for high-performance cathode of lithium/sodium-ion batteries recovered from spent batteries. <i>Journal of Electroanalytical Chemistry</i> , 2022, 913, 116287.	1.9	11
95	SnCo-CMK nanocomposite with improved electrochemical performance for lithium-ion batteries. <i>Materials Research Bulletin</i> , 2015, 71, 42-47.	2.7	10
96	TiO <sub>2</sub> hollow nanofibers grafted Ag/AgCl with more AgCl {1 1 1} facet for enhanced photocatalytic activity. <i>Materials Letters</i> , 2018, 215, 250-253.	1.3	10
97	Sensitive phase separation behavior of ultra-high molecular weight polyethylene in polybutene. <i>Polymer Testing</i> , 2020, 81, 106243.	2.3	10
98	Insight into the Real Efficacy of Graphene for Enhancing Photocatalytic Efficiency: A Case Study on CVD Graphene-TiO <sub>2</sub> Composites. <i>ACS Applied Energy Materials</i> , 2021, 4, 8755-8764.	2.5	10
99	Electrospinning Techniques: Electrospinning-Based Strategies for Battery Materials ( <i>Adv. Energy</i> )	10.2	10
100	Preparation of SnS <sub>2</sub> /enteromorpha prolifera derived carbon composite and its performance of sodium-ion batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 152, 109976.	1.9	9
101	Recycling and application of wasted polytetrafluoroethylene via high-energy ball milling technology for nitrile rubber composites preparation. <i>Polymer Engineering and Science</i> , 2016, 56, 643-649.	1.5	8
102	Photocatalytic Anaerobic Oxidation of Aromatic Alcohols Coupled With H <sub>2</sub> Production Over CsPbBr <sub>3</sub> /GO-Pt Catalysts. <i>Frontiers in Chemistry</i> , 2022, 10, 833784.	1.8	8
103	Anchoring Pt on surface/bulk of LaCoO <sub>3</sub> nanotubes via one step of coaxial electrospinning for efficient total propane oxidation. <i>Molecular Catalysis</i> , 2019, 475, 110504.	1.0	7
104	Two-dimensional MoSe <sub>2</sub> /chitosan-derived nitrogen-doped carbon composite enabling stable sodium/potassium storage. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110573.	1.9	7
105	Rapid Glycolysis of Waste Polyethylene Terephthalate Fibers via a Stepwise Feeding Process. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 4794-4802.	1.8	7
106	Preparation and characterization of PVC-based carbon nanofibers with barrel-like graphite granules by electrospinning. <i>Materials Letters</i> , 2014, 126, 48-51.	1.3	6
107	On the promoting effect of the addition of CexZr1-xO <sub>2</sub> to palladium based alumina catalysts for methanol deep oxidation. <i>Materials Research Bulletin</i> , 2015, 62, 65-70.	2.7	6
108	Nitrogen-doped carbon coated silicon derived from a facile strategy with enhanced performance for lithium storage. <i>Functional Materials Letters</i> , 2016, 09, 1650055.	0.7	6



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109	A composite of ultra-fine few-layer MoS <sub>2</sub> structures embedded on N,P-co-doped bio-carbon for high-performance sodium-ion batteries. <i>New Journal of Chemistry</i> , 2020, 44, 2046-2052.	1.4	6
110	A ZnO@ABS/TPU/CaSiO <sub>3</sub> 3D skeleton and its adsorption/photocatalysis properties for dye contaminant removal. <i>RSC Advances</i> , 2020, 10, 41272-41282.	1.7	6
111	Facile fabrication of WS <sub>2</sub> nanocrystals confined in chlorella-derived N, P co-doped bio-carbon for sodium-ion batteries with ultra-long lifespan. <i>Dalton Transactions</i> , 2021, 50, 14745-14752.	1.6	6
112	Construction of TiO <sub>2</sub> -Eggshell for Efficient Degradation of Tetracycline Hydrochloride: Sunlight Induced In-Situ Formation of Carbonate Radical. <i>Materials</i> , 2021, 14, 1598.	1.3	6
113	Algal residues-engaged formation of novel WVO <sub>4</sub> /V <sub>3</sub> Se <sub>4</sub> hybrid nanostructure with carbon fiber confinement for enhanced long-term cycling stability in sodium/potassium storage. <i>Journal of Alloys and Compounds</i> , 2021, 892, 162177.	2.8	6
114	Amorphous nickel borate as a high-efficiency cocatalyst for H <sub>2</sub> generation and fine chemical synthesis. <i>Catalysis Communications</i> , 2022, 162, 106389.	1.6	6
115	Degradable polymeric nanomaterials with a high solid content and multiple morphologies by polymerization-induced self-assembly. <i>Chemical Communications</i> , 2022, 58, 3182-3185.	2.2	6
116	Photo-enhanced Coordination Triggered Unprecedented Bistable AIE for Long-term Optical Memories. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	6
117	Electrospun LaOCl:Eu <sup>3+</sup> , Ce <sup>4+</sup> nanofibers with color-tunable fluorescence between red and orange. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 8596-8600.	1.1	5
118	Insights into the Low-temperature Synthesis of LaCoO <sub>3</sub> Derived from Co(CH <sub>3</sub> COO) <sub>2</sub> via Electrospinning for Catalytic Propane Oxidation. <i>Chinese Journal of Chemistry</i> , 2020, 38, 144-150.	2.6	5
119	Synthesis of the Se-HPCF composite via a liquid-solution route and its stable cycling performance in Li-Se batteries. <i>Dalton Transactions</i> , 2020, 49, 14536-14542.	1.6	5
120	Novel synthetic route to Ce-Cu-W-O microspheres for efficient catalytic oxidation of vinyl chloride emissions. <i>Chinese Journal of Catalysis</i> , 2020, 41, 1864-1872.	6.9	5
121	Boosting low temperature propane oxidation on bamboo-mediated biosynthesis of LaCoO <sub>3</sub> via the optimized chelating effect. <i>Molecular Catalysis</i> , 2021, 499, 111315.	1.0	5
122	Endowing Acceptable Mechanical Properties of Segregated Conductive Polymer Composites with Enhanced Filler-Matrix Interfacial Interactions by Incorporating High Specific Surface Area Nanosized Carbon Black. <i>Nanomaterials</i> , 2021, 11, 2074.	1.9	5
123	Electrospinning Preparation of GaN:ZnO Solid Solution Nanorods with Visible-Light-Driven Photocatalytic Activity toward H <sub>2</sub> Production. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10854.	1.3	5
124	Structure Engineering of BiSbS <sub>x</sub> Nanocrystals Embedded within Sulfurized Polyacrylonitrile Fibers for High Performance of Potassium-ion Batteries. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	5
125	Preparation and characterization of branched polyesteramide/mix rare earth oxides composites. <i>Polymer Bulletin</i> , 2009, 62, 209-223.	1.7	4
126	Preparation of Layered Polyethylene Oxide/rGO Composite: Flexible Lateral Heat Spreaders. <i>Polymers</i> , 2019, 11, 532.	2.0	4



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127	Simultaneous enhancement of dielectric and mechanical properties of high-density polyethylene/nitrile rubber/multiwalled carbon nanotube composites prepared by dynamic vulcanization. <i>Polymer International</i> , 2021, 70, 116-122.	1.6	4
128	Improving the removal efficiency of methylene blue on 3D-printed camellia seed powder scaffold using porogen. <i>Industrial Crops and Products</i> , 2021, 171, 113930.	2.5	4
129	N-doped CoAl oxides from hydrotalcites with enhanced oxygen vacancies for excellent low-temperature propane oxidation. <i>Journal of Environmental Sciences</i> , 2022, 116, 79-89.	3.2	4
130	Synthesis of hierarchical Mn <sub>3</sub> O <sub>4</sub> microsphere composed of ultrathin nanosheets and its excellent long-term cycling performance for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 3055-3060.	1.1	3
131	Unpredicted Concentration-Dependent Sensory Properties of Pyrene-Containing NBN-Doped Polycyclic Aromatic Hydrocarbons. <i>Molecules</i> , 2022, 27, 327.	1.7	3
132	Selective Decomposition of Waste Rubber from the Shoe Industry by the Combination of Thermal Process and Mechanical Grinding. <i>Polymers</i> , 2022, 14, 1057.	2.0	3
133	Boronic acid-containing polymeric nanomaterials via polymerization induced self-assembly as fructose sensor. <i>Polymer</i> , 2022, 253, 125005.	1.8	3
134	Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> luminescent nanofibers from electrospun PVA/Y(NO <sub>3</sub> ) <sub>3</sub> composite fibers. , 2010, , .		2
135	Hydrothermal synthesis of Sr <sub>1.36</sub> Sb <sub>2</sub> O <sub>6</sub> nano-octahedrons with photocatalytic activity for overall splitting of water. <i>Catalysis Communications</i> , 2016, 74, 5-9.	1.6	2
136	Crosslinking behavior and enhanced mechanical properties of acrylonitrile-butadiene rubber composites by incorporating aluminum ammonium sulfate particles. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 879-886.	2.4	2
137	Impact of the aluminum sulfate 18-hydrate particle size on the coordination crosslinking behaviors of acrylonitrile-butadiene rubber-aluminum sulfate 18-hydrate composites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47717.	1.3	2
138	Characteristics and methylene blue adsorption performance of activated carbon prepared from cattle-manurecompost by ZnCl <sub>2</sub> activation. <i>Tanso</i> , 2007, 2007, 25-31.	0.1	1
139	Novel NBN-Embedded Polymers and Their Application as Fluorescent Probes in Fe <sup>3+</sup> and Cr <sup>3+</sup> Detection. <i>Polymers</i> , 2022, 14, 2025.	2.0	1