

Yuying Zheng

List of Publications by Year in descending order

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64
papers

1,399
citations

361045

20
h-index

360668

35
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all docs

64
docs citations

64
times ranked

1845
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of reduced graphene oxide decorated with DOPO-phosphanomidate for enhanced fire safety of epoxy resin. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 160-171.	5.0	157
2	Three-dimensional and stable polyaniline-grafted graphene hybrid materials for supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15273-15278.	5.2	134
3	A High-Performance Hierarchical Graphene@Polyaniline@Graphene Sandwich Containing Hollow Structures for Supercapacitor Electrodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 475-482.	3.2	83
4	Hypophosphite/Graphitic Carbon Nitride Hybrids: Preparation and Flame-Retardant Application in Thermoplastic Polyurethane. <i>Nanomaterials</i> , 2017, 7, 259.	1.9	67
5	Highly dispersed Mn ²⁺ /Ce mixed oxides supported on carbon nanotubes for low-temperature NO reduction with NH ₃ . <i>Catalysis Communications</i> , 2013, 37, 96-99.	1.6	66
6	Controllable Preparation of Polyaniline@Graphene Nanocomposites using Functionalized Graphene for Supercapacitor Electrodes. <i>Chemistry - A European Journal</i> , 2015, 21, 10408-10415.	1.7	58
7	MoSe ₂ @CoSe ₂ /N-doped graphene aerogel nanocomposites with high capacity and excellent stability for lithium-ion batteries. <i>Journal of Power Sources</i> , 2019, 439, 227112.	4.0	55
8	A combination of POSS and polyphosphazene for reducing fire hazards of epoxy resin. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1242-1254.	1.6	53
9	Amorphous MnO ₂ supported on carbon nanotubes as a superior catalyst for low temperature NO reduction with NH ₃ . <i>RSC Advances</i> , 2013, 3, 11539.	1.7	51
10	Preparation of Mn ²⁺ /FeO _x /CNTs catalysts by redox co-precipitation and application in low-temperature NO reduction with NH ₃ . <i>Catalysis Communications</i> , 2015, 62, 57-61.	1.6	39
11	Low-temperature NO reduction with NH ₃ over Mn ²⁺ /CeO _x /CNT catalysts prepared by a liquid-phase method. <i>Catalysis Science and Technology</i> , 2014, 4, 1738-1741.	2.1	34
12	Three-dimensional polypyrrole/MnO ₂ composite networks deposited on graphite felt as free-standing electrode for supercapacitors. <i>Materials Letters</i> , 2013, 104, 48-52.	1.3	30
13	Preparation of a chitosan-based flame-retardant synergist and its application in flame-retardant polypropylene. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	30
14	Preparation and characterization of a novel polylactic acid/hydroxyapatite composite scaffold with biomimetic micro-nanofibrous porous structure. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 74.	1.7	30
15	Co _{0.85} Se Nanoparticles Encapsulated by Nitrogen-Enriched Hierarchically Porous Carbon for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9236-9247.	4.0	30
16	Low-temperature selective catalytic reduction of NO over MnO _x /CNTs catalysts. <i>Catalysis Communications</i> , 2014, 50, 34-37.	1.6	27
17	Preparation and electrochemical properties of polyaniline/reduced graphene oxide composites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46103.	1.3	23
18	One-step synthesis of ternary MnO ₂ @Fe ₂ O ₃ @CeO ₂ @Ce ₂ O ₃ /CNT catalysts for use in low-temperature NO reduction with NH ₃ . <i>Catalysis Communications</i> , 2015, 71, 46-50.	1.6	22

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19	Densely quaternized anion exchange membranes synthesized from Ullmann coupling extension of ionic segments for vanadium redox flow batteries. <i>Science China Materials</i> , 2019, 62, 211-224.	3.5	21
20	Preparation and characterization of aspirin-loaded polylactic acid/graphene oxide biomimetic nanofibrous scaffolds. <i>Polymer</i> , 2020, 211, 123093.	1.8	21
21	Flammability of polystyrene/aluminum phosphinate composites containing modified ammonium polyphosphate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1067-1077.	2.0	20
22	Fabrication and characterization of polylactic acid/polycaprolactone composite macroporous micro-nanofiber scaffolds by phase separation. <i>New Journal of Chemistry</i> , 2020, 44, 17382-17390.	1.4	20
23	Layer-by-Layer Self-Assembled Graphene Multilayer Films via Covalent Bonds for Supercapacitor Electrodes. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 14.	1.2	19
24	Electrochemical fabrication of polyaniline/MnO ₂ /graphite felt as free-standing, flexible electrode for supercapacitors. <i>Polymer Composites</i> , 2013, 34, 819-824.	2.3	18
25	NOx/nitride trap over N/S co-doped graphene-supported catalysts promoting low temperature NH ₃ -SCR performance: Insight into the structure and mechanisms. <i>Journal of Hazardous Materials</i> , 2022, 423, 127187.	6.5	18
26	Low-temperature selective catalytic reduction of NO over carbon nanotubes supported MnO ₂ fabricated by coprecipitation method. <i>Micro and Nano Letters</i> , 2015, 10, 666-669.	0.6	16
27	Metal lanolin fatty acid as novel thermal stabilizers for rigid poly(vinyl chloride). <i>Journal of Rare Earths</i> , 2011, 29, 401-406.	2.5	15
28	Fabrication of Mn ²⁺ /CeO _x /CNTs catalysts by a redox method and their performance in low-temperature NO reduction with NH ₃ . <i>RSC Advances</i> , 2015, 5, 28385-28388.	1.7	15
29	Graphite felt decorated with porous NiCo ₂ O ₄ nanosheets for high-performance pseudocapacitor electrodes. <i>Journal of Materials Science</i> , 2017, 52, 5179-5187.	1.7	15
30	SYNTHESIS AND ELECTROCHEMICAL PROPERTIES OF GRAPHENE/MnO ₂ /CONDUCTING POLYMER TERNARY COMPOSITE FOR SUPERCAPACITORS. <i>Nano</i> , 2013, 08, 1350004.	0.5	14
31	Mechanical properties and crystallization behavior of polypropylene with cyclodextrin derivative as β -nucleating agent. <i>Colloid and Polymer Science</i> , 2011, 289, 1157-1166.	1.0	13
32	Isothermal crystallization and melting behavior of polypropylene with lanthanum complex of cyclodextrin derivative as a β -nucleating agent. <i>Journal of Applied Polymer Science</i> , 2011, 121, 3651-3661.	1.3	12
33	Preparation of a P(FcA-co-ANI)/graphene composite for application in supercapacitors. <i>High Performance Polymers</i> , 2017, 29, 524-532.	0.8	11
34	Rheology, Non-Isothermal Crystallization Behavior, Mechanical and Thermal Properties of PMMA-Modified Carbon Fiber-Reinforced Poly(Ethylene Terephthalate) Composites. <i>Polymers</i> , 2018, 10, 594.	2.0	11
35	Non-isothermal crystallization of monomer casting polyamide 6/functionalized MWNTs nanocomposites. <i>Polymer Bulletin</i> , 2011, 67, 1945-1959.	1.7	10
36	Preparation and characterisation of a novel polylactic acid/hydroxyapatite/graphene oxide/aspirin drug-loaded biomimetic composite scaffold. <i>New Journal of Chemistry</i> , 2021, 45, 10788-10797.	1.4	10

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37	MnO ₂ catalysts uniformly decorated on polyphenylene sulfide filter felt by a polypyrrole-assisted method for use in the selective catalytic reduction of NO with NH ₃ . RSC Advances, 2014, 4, 59242-59247.	1.7	9
38	Fabrication of Mn-FeO _x /CNTs Catalysts for Low-Temperature NO Reduction with NH ₃ . Nano, 2015, 10, 1550050.	0.5	9
39	Preparation and characterization of starch/EVA composite foams with surface modified kaolin. Starch/Staerke, 2013, 65, 840-847.	1.1	8
40	Synthesis and characterization of a ferrocene-modified, polyaniline-like conducting polymer. Journal of Applied Polymer Science, 2016, 133, .	1.3	8
41	Nitrogen doped graphite felt decorated with porous Ni _{1.4} Co _{1.6} S ₄ nanosheets for 3D pseudocapacitor electrodes. RSC Advances, 2017, 7, 13406-13415.	1.7	8
42	Synthesis and reaction kinetics model of suspension phase grafting polypropylene with dual monomers. Polymer Bulletin, 2010, 64, 771-782.	1.7	7
43	Conductive and optical properties of PPV modified by N ⁺ ion implantation. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 2072-2077.	2.4	7
44	Fabrication and formation mechanism of Ce ₂ O ₃ -CeO ₂ -CuO-MnO ₂ /CNTs catalysts and application in low-temperature NO reduction with NH ₃ . RSC Advances, 2016, 6, 65392-65396.	1.7	7
45	Fabrication of Mn-CeO _x /polyphenylene sulfide functional composites by an in situ reaction for low-temperature NO reduction with NH ₃ . MRS Communications, 2017, 7, 933-937.	0.8	7
46	Facile synthesis of flake-like MnO ₂ /CNFs catalysts and their activity in low-temperature NO reduction with NH ₃ . Micro and Nano Letters, 2017, 12, 6-10.	0.6	6
47	Three-Dimensional Interconnected Porous Partially Unzipped MWCNT/Graphene Composite Aerogels as Electrodes for High-Performance Supercapacitors. Nanomaterials, 2022, 12, 620.	1.9	6
48	Synthesis and characterization of conducting poly(3-acetylpyrrole)/carbon nanotube composites. Journal of Applied Polymer Science, 2012, 125, 3956-3962.	1.3	5
49	Synthesis and characterisation of polymethylmethacrylate/nanosilica and nanosilica/polymethylmethacrylate core-shell structure composite microspheres. Micro and Nano Letters, 2013, 8, 217-220.	0.6	5
50	Synergistic enhancement of glass fiber and tetrapod-shaped ZnO whisker on the mechanical and thermal behavior of isotactic polypropylene. Journal of Applied Polymer Science, 2016, 133, .	1.3	4
51	Unique Shape Memory Elastomer Associated with Reversible Sacrificial Hydrogen Bonds: Tough and Flexible When below Its T_g . Advanced Engineering Materials, 2018, 20, 1800051.	1.6	4
52	Rheological behavior, mechanical properties, and nonisothermal crystallization behavior of poly(ethylene terephthalate)/modified carbon fiber composites. High Performance Polymers, 2019, 31, 733-740.	0.8	4
53	Highly efficient removal of methylene blue via hollow graphene-based magnesium silicate. Journal of Materials Science, 2021, 56, 16351-16361.	1.7	4
54	In-situ fabrication of three-dimensional porous structure Mn-based catalytic filter for low-temperature NO reduction with NH ₃ . Molecular Catalysis, 2021, 514, 111642.	1.0	4

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55	CeO ₂ grafted polydopamine-wrapped graphene to enhance corrosion resistance of coated steel. Progress in Organic Coatings, 2022, 164, 106698.	1.9	4
56	Preparation and electrochemical performance of poly(3-acetylpyrrole)/multi-walled carbon nanotubes composites. Materials Letters, 2013, 92, 147-150.	1.3	3
57	ELECTRODEPOSITION OF POLYPYRROLE/MnO ₂ NANOCOMPOSITE ON GRAPHITE FELT AS FREE-STANDING ELECTRODE FOR SUPERCAPACITORS. Nano, 2013, 08, 1350020.	0.5	3
58	Organic-Inorganic Double-Gel System Thermally Insulating and Hydrophobic Polyimide Aerogel. Polymers, 2022, 14, 2818.	2.0	3
59	Effect of starch and lignin on physicochemical properties of phenol-starch resin and its resin core sand. Starch/Staerke, 2013, 65, 666-678.	1.1	2
60	Poly(m-phenylenediamine) encapsulated graphene for enhancing corrosion protection performance of epoxy coatings. Nanotechnology, 2022, 33, 075705.	1.3	2
61	PREPARATION AND CHARACTERIZATION OF A POLY(PYRROLYL METHANE)/MULTIWALLED CARBON NANOTUBES COMPOSITES. Nano, 2013, 08, 1350063.	0.5	1
62	Hierarchical construction of polyaniline nanorods on sulfonated graphene for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 9954-9962.	1.1	1
63	Novel conjugated polymer/graphene/platinum composite for enhancing electrocatalytic oxidation of methanol. Polymer Composites, 2012, 33, 1759-1763.	2.3	0
64	The structure, properties, and foaming of long chain branched polypropylene/clay-supported calcium pimelate composites. Polymer Engineering and Science, 2022, 62, 553-564.	1.5	0