Yuying Zheng

List of Publications by Citations

62 papers	1,067 citations	18 h-index	31 g-index
64 ext. papers	1,231 ext. citations	3.7 avg, IF	4.71 L-index

#	Paper	IF	Citations
62	Design of reduced graphene oxide decorated with DOPO-phosphanomidate for enhanced fire safety of epoxy resin. *Journal of Colloid and Interface Science*, **2018**, 521, 160-171	9.3	121
61	Three-dimensional and stable polyaniline-grafted graphene hybrid materials for supercapacitor electrodes. *Journal of Materials Chemistry A*, **2014**, 2, 15273-15278	13	114
60	A High-Performance Hierarchical @Graphene Sandwich Containing Hollow Structures for Supercapacitor Electrodes. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 475-482	8.3	71
59	Highly dispersed MnCe mixed oxides supported on carbon nanotubes for low-temperature NO reduction with NH3. *Catalysis Communications*, **2013**, 37, 96-99	3.2	62
58	Controllable Preparation of Polyaniline-Graphene Nanocomposites using Functionalized Graphene for Supercapacitor Electrodes. *Chemistry - A European Journal*, **2015**, 21, 10408-15	4.8	50
57	Amorphous MnO2 supported on carbon nanotubes as a superior catalyst for low temperature NO reduction with NH3. *RSC Advances*, **2013**, 3, 11539	3.7	49
56	Hypophosphite/Graphitic Carbon Nitride Hybrids: Preparation and Flame-Retardant Application in Thermoplastic Polyurethane. *Nanomaterials*, **2017**, 7,	5.4	49
55	A combination of POSS and polyphosphazene for reducing fire hazards of epoxy resin. *Polymers for Advanced Technologies*, **2018**, 29, 1242-1254	3.2	46
54	MoSe2CoSe2/N-doped graphene aerogel nanocomposites with high capacity and excellent stability for lithium-ion batteries. *Journal of Power Sources*, **2019**, 439, 227112	8.9	39
53	Preparation of MnFeOx/CNTs catalysts by redox co-precipitation and application in low-temperature NO reduction with NH3. *Catalysis Communications*, **2015**, 62, 57-61	3.2	30
52	Low-temperature NO reduction with NH3 over MnCeOx/CNT catalysts prepared by a liquid-phase method. *Catalysis Science and Technology*, **2014**, 4, 1738-1741	5.5	28
51	Three-dimensional polypyrrole/MnO2 composite networks deposited on graphite felt as free-standing electrode for supercapacitors. *Materials Letters*, **2013**, 104, 48-52	3.3	25
50	Low-temperature selective catalytic reduction of NO over MnOx/CNTs catalysts: Effect of thermal treatment condition. *Catalysis Communications*, **2014**, 50, 34-37	3.2	23
49	One-step synthesis of ternary MnO2Fe2O3CeO2Ce2O3/CNT catalysts for use in low-temperature NO reduction with NH3. *Catalysis Communications*, **2015**, 71, 46-50	3.2	20
48	Preparation and electrochemical properties of polyaniline/reduced graphene oxide composites. *Journal of Applied Polymer Science*, **2018**, 135, 46103	2.9	19
47	Electrochemical fabrication of polyaniline/MnO2/graphite felt as free-standing, flexible electrode for supercapacitors. *Polymer Composites*, **2013**, 34, 819-824	3	18
46	Preparation of a chitosan-based flame-retardant synergist and its application in flame-retardant polypropylene. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	18

45	Densely quaternized anion exchange membranes synthesized from Ullmann coupling extension of ionic segments for vanadium redox flow batteries. *Science China Materials*, **2019**, 62, 211-224	7.1	18
44	Layer-by-Layer Self-Assembled Graphene Multilayer Films via Covalent Bonds for Supercapacitor Electrodes. *Nanomaterials and Nanotechnology*, **2015**, 5, 14	2.9	16
43	Low-temperature selective catalytic reduction of NO over carbon nanotubes supported MnO2 fabricated by co-precipitation method. *Micro and Nano Letters*, **2015**, 10, 666-669	0.9	15
42	Flammability of polystyrene/aluminim phosphinate composites containing modified ammonium polyphosphate. *Journal of Thermal Analysis and Calorimetry*, **2018**, 131, 1067-1077	4.1	15
41	Graphite felt decorated with porous NiCo2O4 nanosheets for high-performance pseudocapacitor electrodes. *Journal of Materials Science*, **2017**, 52, 5179-5187	4.3	13
40	CoSe Nanoparticles Encapsulated by Nitrogen-Enriched Hierarchically Porous Carbon for High-Performance Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2020**, 12, 9236-9247	9.5	13
39	Fabrication of Mn□eOx/CNTs catalysts by a redox method and their performance in low-temperature NO reduction with NH3. *RSC Advances*, **2015**, 5, 28385-28388	3.7	13
38	SYNTHESIS AND ELECTROCHEMICAL PROPERTIES OF GRAPHENE/MnO2/CONDUCTING POLYMER TERNARY COMPOSITE FOR SUPERCAPACITORS. *Nano*, **2013**, 08, 1350004	1.1	13
37	Mechanical properties and crystallization behavior of polypropylene with cyclodextrin derivative as □ucleating agent. *Colloid and Polymer Science*, **2011**, 289, 1157-1166	2.4	12
36	Metal lanolin fatty acid as novel thermal stabilizers for rigid poly(vinyl chloride). *Journal of Rare Earths*, **2011**, 29, 401-406	3.7	12
35	Isothermal crystallization and melting behavior of polypropylene with lanthanum complex of cyclodextrin derivative as a □ucleating agent. *Journal of Applied Polymer Science*, **2011**, 121, 3651-3661	2.9	12
34	Preparation of a P(FcA-co-ANI)/graphene composite for application in supercapacitors. *High Performance Polymers*, **2017**, 29, 524-532	1.6	10
33	Non-isothermal crystallization of monomer casting polyamide 6/functionalized MWNTs nanocomposites. *Polymer Bulletin*, **2011**, 67, 1945-1959	2.4	9
32	Preparation and characterization of aspirin-loaded polylactic acid/graphene oxide biomimetic nanofibrous scaffolds. *Polymer*, **2020**, 211, 123093	3.9	9
31	Nitrogen doped graphite felt decorated with porous Ni1.4Co1.6S4 nanosheets for 3D pseudocapacitor electrodes. *RSC Advances*, **2017**, 7, 13406-13415	3.7	8
30	MnO2 catalysts uniformly decorated on polyphenylene sulfide filter felt by a polypyrrole-assisted method for use in the selective catalytic reduction of NO with NH3. *RSC Advances*, **2014**, 4, 59242-59247	3.7	8
29	Fabrication of Mn-FeOx/CNTs Catalysts for Low-Temperature NO Reduction with NH3. *Nano*, **2015**, 10, 1550050	1.1	7
28	Synthesis and reaction kinetics model of suspension phase grafting polypropylene with dual monomers. *Polymer Bulletin*, **2010**, 64, 771-782	2.4	7

27	Conductive and optical properties of PPV modified by N+ ion implantation. *Journal of Polymer Science, Part B: Polymer Physics*, **2010**, 48, 2072-2077	2.6	7
26	Preparation and characterization of a novel polylactic acid/hydroxyapatite composite scaffold with biomimetic micro-nanofibrous porous structure. *Journal of Materials Science: Materials in Medicine*, **2020**, 31, 74	4.5	7
25	Rheology, Non-Isothermal Crystallization Behavior, Mechanical and Thermal Properties of PMMA-Modified Carbon Fiber-Reinforced Poly(Ethylene Terephthalate) Composites. *Polymers*, **2018**, 10,	4.5	7
24	Fabrication and formation mechanism of Ce2O3□CeO2□CuO□MnO2/CNTs catalysts and application in low-temperature NO reduction with NH3. *RSC Advances*, **2016**, 6, 65392-65396	3.7	5
23	Fabrication of Mn-CeOx/polyphenylene sulfide functional composites by an in situ reaction for low-temperature NO reduction with NH3. *MRS Communications*, **2017**, 7, 933-937	2.7	5
22	Preparation and characterization of starch/EVA composite foams with surface modified kaolin. *Starch/Staerke*, **2013**, 65, 840-847	2.3	4
21	Facile synthesis of flake-like MnO2/CNFs catalysts and their activity in low-temperature NO reduction with NH3. *Micro and Nano Letters*, **2017**, 12, 6-10	0.9	4
20	Fabrication and characterization of polylactic acid/polycaprolactone composite macroporous micro-nanofiber scaffolds by phase separation. *New Journal of Chemistry*, **2020**, 44, 17382-17390	3.6	4
19	Preparation and characterisation of a novel polylactic acid/hydroxyapatite/graphene oxide/aspirin drug-loaded biomimetic composite scaffold. *New Journal of Chemistry*, **2021**, 45, 10788-10797	3.6	4
18	Synthesis and characterization of conducting poly(3-acetylpyrrole)/carbon nanotube composites. *Journal of Applied Polymer Science*, **2012**, 125, 3956-3962	2.9	3
17	Preparation and electrochemical performance of poly(3-acetylpyrrole)/multi-walled carbon nanotubes composites. *Materials Letters*, **2013**, 92, 147-150	3.3	3
16	ELECTRODEPOSITION OF POLYPYRROLE/MnO2 NANOCOMPOSITE ON GRAPHITE FELT AS FREE-STANDING ELECTRODE FOR SUPERCAPACITORS. *Nano*, **2013**, 08, 1350020	1.1	3
15	Synthesis and characterisation of polymethylmethacrylate/nanosilica and nanosilica/polymethylmethacrylate core□shell structure composite microspheres. *Micro and Nano Letters*, **2013**, 8, 217-220	0.9	3
14	Rheological behavior, mechanical properties, and nonisothermal crystallization behavior of poly(ethylene terephthalate)/modified carbon fiber composites. *High Performance Polymers*, **2019**, 31, 733-740	1.6	3
13	Unique Shape Memory Elastomer Associated with Reversible Sacrificial Hydrogen Bonds: Tough and Flexible When below Its Tg. *Advanced Engineering Materials*, **2018**, 20, 1800051	3.5	2
12	Effect of starch and lignin on physico-chemical properties of phenol□starch resin and its resin core sand. *Starch/Staerke*, **2013**, 65, 666-678	2.3	2
11	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,	2.9	2
10	Three-Dimensional Interconnected Porous Partially Unzipped MWCNT/Graphene Composite Aerogels as Electrodes for High-Performance Supercapacitors.. *Nanomaterials*, **2022**, 12,	5.4	2

List of Publications

9	Synthesis and characterization of a ferrocene-modified, polyaniline-like conducting polymer. *Journal of Applied Polymer Science*, **2016**, 133, n/a-n/a	2.9	1
8	Hierarchical construction of polyaniline nanorods on sulfonated graphene for high-performance supercapacitors. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 9954-9962	2.1	1
7	PREPARATION AND CHARACTERIZATION OF A POLY(PYRROLYL METHANE)/MULTIWALLED CARBON NANOTUBES COMPOSITES. *Nano*, **2013**, 08, 1350063	1.1	1
6	In-situ fabrication of three-dimensional porous structure Mn-based catalytic filter for low-temperature NO reduction with NH3. *Molecular Catalysis*, **2021**, 514, 111642	3.3	1
5	CeO2 grafted polydopamine-wrapped graphene to enhance corrosion resistance of coated steel. *Progress in Organic Coatings*, **2022**, 164, 106698	4.8	0
4	"Oxynitride trap" over N/S co-doped graphene-supported catalysts promoting low temperature NH-SCR performance: Insight into the structure and mechanisms. *Journal of Hazardous Materials*, **2022**, 423, 127187	12.8	0
3	Novel conjugated polymer/graphene/platinum composite for enhancing electrocatalytic oxidation of methanol. *Polymer Composites*, **2012**, 33, 1759-1763	3	
2	Highly efficient removal of methylene blue via hollow graphene-based magnesium silicate. *Journal of Materials Science*, **2021**, 56, 16351-16361	4.3	
1	The structure, properties, and foaming of long chain branched polypropylene/clay-supported calcium pimelate composites. *Polymer Engineering and Science*, **2022**, 62, 553-564	2.3	