

# Yuying Zheng

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5364302/yuying-zheng-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	CeO <sub>2</sub> grafted polydopamine-wrapped graphene to enhance corrosion resistance of coated steel. <i>Progress in Organic Coatings</i> , <b>2022</b> , 164, 106698	4.8	0
61	"Oxynitride trap" over N/S co-doped graphene-supported catalysts promoting low temperature NH-SCR performance: Insight into the structure and mechanisms. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127187	12.8	0
60	Three-Dimensional Interconnected Porous Partially Unzipped MWCNT/Graphene Composite Aerogels as Electrodes for High-Performance Supercapacitors.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	2
59	The structure, properties, and foaming of long chain branched polypropylene/clay-supported calcium pimelate composites. <i>Polymer Engineering and Science</i> , <b>2022</b> , 62, 553-564	2.3	
58	Highly efficient removal of methylene blue via hollow graphene-based magnesium silicate. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 16351-16361	4.3	
57	In-situ fabrication of three-dimensional porous structure Mn-based catalytic filter for low-temperature NO reduction with NH <sub>3</sub> . <i>Molecular Catalysis</i> , <b>2021</b> , 514, 111642	3.3	1
56	Preparation and characterisation of a novel polylactic acid/hydroxyapatite/graphene oxide/aspirin drug-loaded biomimetic composite scaffold. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 10788-10797	3.6	4
55	CoSe Nanoparticles Encapsulated by Nitrogen-Enriched Hierarchically Porous Carbon for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 9236-9247	9.5	13
54	Fabrication and characterization of polylactic acid/polycaprolactone composite macroporous micro-nanofiber scaffolds by phase separation. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 17382-17390	3.6	4
53	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> , <b>2020</b> , 31, 74	4.5	7
52	Preparation and characterization of aspirin-loaded polylactic acid/graphene oxide biomimetic nanofibrous scaffolds. <i>Polymer</i> , <b>2020</b> , 211, 123093	3.9	9
51	MoSe <sub>2</sub> /CoSe <sub>2</sub> /N-doped graphene aerogel nanocomposites with high capacity and excellent stability for lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 439, 227112	8.9	39
50	Rheological behavior, mechanical properties, and nonisothermal crystallization behavior of poly(ethylene terephthalate)/modified carbon fiber composites. <i>High Performance Polymers</i> , <b>2019</b> , 31, 733-740	1.6	3
49	Densely quaternized anion exchange membranes synthesized from Ullmann coupling extension of ionic segments for vanadium redox flow batteries. <i>Science China Materials</i> , <b>2019</b> , 62, 211-224	7.1	18
48	Design of reduced graphene oxide decorated with DOPO-phosphanomidate for enhanced fire safety of epoxy resin. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 521, 160-171	9.3	121
47	Unique Shape Memory Elastomer Associated with Reversible Sacrificial Hydrogen Bonds: Tough and Flexible When below Its T <sub>g</sub> . <i>Advanced Engineering Materials</i> , <b>2018</b> , 20, 1800051	3.5	2
46	A combination of POSS and polyphosphazene for reducing fire hazards of epoxy resin. <i>Polymers for Advanced Technologies</i> , <b>2018</b> , 29, 1242-1254	3.2	46

45	Preparation and electrochemical properties of polyaniline/reduced graphene oxide composites. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46103	2.9	19
44	Hierarchical construction of polyaniline nanorods on sulfonated graphene for high-performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 9954-9962	2.1	1
43	Flammability of polystyrene/aluminum phosphinate composites containing modified ammonium polyphosphate. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 131, 1067-1077	4.1	15
42	Rheology, Non-Isothermal Crystallization Behavior, Mechanical and Thermal Properties of PMMA-Modified Carbon Fiber-Reinforced Poly(Ethylene Terephthalate) Composites. <i>Polymers</i> , <b>2018</b> , 10,	4.5	7
41	Preparation of a P(FcA-co-ANI)/graphene composite for application in supercapacitors. <i>High Performance Polymers</i> , <b>2017</b> , 29, 524-532	1.6	10
40	Graphite felt decorated with porous NiCo <sub>2</sub> O <sub>4</sub> nanosheets for high-performance pseudocapacitor electrodes. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 5179-5187	4.3	13
39	Nitrogen doped graphite felt decorated with porous Ni <sub>1.4</sub> Co <sub>1.6</sub> S <sub>4</sub> nanosheets for 3D pseudocapacitor electrodes. <i>RSC Advances</i> , <b>2017</b> , 7, 13406-13415	3.7	8
38	Fabrication of Mn-CeO <sub>x</sub> /polyphenylene sulfide functional composites by an in situ reaction for low-temperature NO reduction with NH <sub>3</sub> . <i>MRS Communications</i> , <b>2017</b> , 7, 933-937	2.7	5
37	Facile synthesis of flake-like MnO <sub>2</sub> /CNFs catalysts and their activity in low-temperature NO reduction with NH <sub>3</sub> . <i>Micro and Nano Letters</i> , <b>2017</b> , 12, 6-10	0.9	4
36	Hypophosphite/Graphitic Carbon Nitride Hybrids: Preparation and Flame-Retardant Application in Thermoplastic Polyurethane. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	49
35	Fabrication and formation mechanism of Ce <sub>2</sub> O <sub>3</sub> /CeO <sub>2</sub> /CuO/MnO <sub>2</sub> /CNTs catalysts and application in low-temperature NO reduction with NH <sub>3</sub> . <i>RSC Advances</i> , <b>2016</b> , 6, 65392-65396	3.7	5
34	Synthesis and characterization of a ferrocene-modified, polyaniline-like conducting polymer. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	1
33	Synergistic enhancement of glass fiber and tetrapod-shaped ZnO whisker on the mechanical and thermal behavior of isotactic polypropylene. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	2
32	One-step synthesis of ternary MnO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> /CeO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> /CNT catalysts for use in low-temperature NO reduction with NH <sub>3</sub> . <i>Catalysis Communications</i> , <b>2015</b> , 71, 46-50	3.2	20
31	Layer-by-Layer Self-Assembled Graphene Multilayer Films via Covalent Bonds for Supercapacitor Electrodes. <i>Nanomaterials and Nanotechnology</i> , <b>2015</b> , 5, 14	2.9	16
30	Controllable Preparation of Polyaniline-Graphene Nanocomposites using Functionalized Graphene for Supercapacitor Electrodes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10408-15	4.8	50
29	Fabrication of Mn/CeO <sub>x</sub> /CNTs catalysts by a redox method and their performance in low-temperature NO reduction with NH <sub>3</sub> . <i>RSC Advances</i> , <b>2015</b> , 5, 28385-28388	3.7	13
28	Low-temperature selective catalytic reduction of NO over carbon nanotubes supported MnO <sub>2</sub> fabricated by co-precipitation method. <i>Micro and Nano Letters</i> , <b>2015</b> , 10, 666-669	0.9	15

27	Fabrication of Mn-FeOx/CNTs Catalysts for Low-Temperature NO Reduction with NH <sub>3</sub> . <i>Nano</i> , <b>2015</b> , 10, 1550050	1.1	7
26	A High-Performance Hierarchical [email[protected]]@Graphene Sandwich Containing Hollow Structures for Supercapacitor Electrodes. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 475-482	8.3	71
25	Preparation of MnFeOx/CNTs catalysts by redox co-precipitation and application in low-temperature NO reduction with NH <sub>3</sub> . <i>Catalysis Communications</i> , <b>2015</b> , 62, 57-61	3.2	30
24	Low-temperature NO reduction with NH <sub>3</sub> over MnFeOx/CNT catalysts prepared by a liquid-phase method. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 1738-1741	5.5	28
23	Three-dimensional and stable polyaniline-grafted graphene hybrid materials for supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 15273-15278	13	114
22	MnO <sub>2</sub> catalysts uniformly decorated on polyphenylene sulfide filter felt by a polypyrrole-assisted method for use in the selective catalytic reduction of NO with NH <sub>3</sub> . <i>RSC Advances</i> , <b>2014</b> , 4, 59242-59247	3.7	8
21	Preparation of a chitosan-based flame-retardant synergist and its application in flame-retardant polypropylene. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	18
20	Low-temperature selective catalytic reduction of NO over MnOx/CNTs catalysts: Effect of thermal treatment condition. <i>Catalysis Communications</i> , <b>2014</b> , 50, 34-37	3.2	23
19	Amorphous MnO <sub>2</sub> supported on carbon nanotubes as a superior catalyst for low temperature NO reduction with NH <sub>3</sub> . <i>RSC Advances</i> , <b>2013</b> , 3, 11539	3.7	49
18	Electrochemical fabrication of polyaniline/MnO <sub>2</sub> /graphite felt as free-standing, flexible electrode for supercapacitors. <i>Polymer Composites</i> , <b>2013</b> , 34, 819-824	3	18
17	Effect of starch and lignin on physico-chemical properties of phenol-starch resin and its resin core sand. <i>Starch/Staerke</i> , <b>2013</b> , 65, 666-678	2.3	2
16	Preparation and characterization of starch/EVA composite foams with surface modified kaolin. <i>Starch/Staerke</i> , <b>2013</b> , 65, 840-847	2.3	4
15	Highly dispersed MnFe mixed oxides supported on carbon nanotubes for low-temperature NO reduction with NH <sub>3</sub> . <i>Catalysis Communications</i> , <b>2013</b> , 37, 96-99	3.2	62
14	Three-dimensional polypyrrole/MnO <sub>2</sub> composite networks deposited on graphite felt as free-standing electrode for supercapacitors. <i>Materials Letters</i> , <b>2013</b> , 104, 48-52	3.3	25
13	Preparation and electrochemical performance of poly(3-acetylpyrrole)/multi-walled carbon nanotubes composites. <i>Materials Letters</i> , <b>2013</b> , 92, 147-150	3.3	3
12	ELECTRODEPOSITION OF POLYPYRROLE/MnO <sub>2</sub> NANOCOMPOSITE ON GRAPHITE FELT AS FREE-STANDING ELECTRODE FOR SUPERCAPACITORS. <i>Nano</i> , <b>2013</b> , 08, 1350020	1.1	3
11	PREPARATION AND CHARACTERIZATION OF A POLY(PYRROLYL METHANE)/MULTIWALLED CARBON NANOTUBES COMPOSITES. <i>Nano</i> , <b>2013</b> , 08, 1350063	1.1	1
10	SYNTHESIS AND ELECTROCHEMICAL PROPERTIES OF GRAPHENE/MnO <sub>2</sub> /CONDUCTING POLYMER TERNARY COMPOSITE FOR SUPERCAPACITORS. <i>Nano</i> , <b>2013</b> , 08, 1350004	1.1	13

9	Synthesis and characterisation of polymethylmethacrylate/nanosilica and nanosilica/polymethylmethacrylate core-shell structure composite microspheres. <i>Micro and Nano Letters</i> , <b>2013</b> , 8, 217-220	0.9	3
8	Novel conjugated polymer/graphene/platinum composite for enhancing electrocatalytic oxidation of methanol. <i>Polymer Composites</i> , <b>2012</b> , 33, 1759-1763	3	
7	Synthesis and characterization of conducting poly(3-acetylpyrrole)/carbon nanotube composites. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 3956-3962	2.9	3
6	Mechanical properties and crystallization behavior of polypropylene with cyclodextrin derivative as nucleating agent. <i>Colloid and Polymer Science</i> , <b>2011</b> , 289, 1157-1166	2.4	12
5	Non-isothermal crystallization of monomer casting polyamide 6/functionalized MWNTs nanocomposites. <i>Polymer Bulletin</i> , <b>2011</b> , 67, 1945-1959	2.4	9
4	Metal lanolin fatty acid as novel thermal stabilizers for rigid poly(vinyl chloride). <i>Journal of Rare Earths</i> , <b>2011</b> , 29, 401-406	3.7	12
3	Isothermal crystallization and melting behavior of polypropylene with lanthanum complex of cyclodextrin derivative as a nucleating agent. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 3651-3661	2.9	12
2	Synthesis and reaction kinetics model of suspension phase grafting polypropylene with dual monomers. <i>Polymer Bulletin</i> , <b>2010</b> , 64, 771-782	2.4	7
1	Conductive and optical properties of PPV modified by N <sup>+</sup> ion implantation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2010</b> , 48, 2072-2077	2.6	7