

# Ying Luo

## List of Publications by Year in descending order

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21  
papers

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citations

516710

16  
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713466

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docs citations

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times ranked

1173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Synthesis of Three-Dimensional Heteroatom-Doped and Hierarchical Egg-Box-Like Carbons Derived from <i>Moringa oleifera</i> Branches for High-Performance Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 33060-33071.	8.0	137
2	A Solvent-Free and Scalable Method To Prepare Soybean-Oil-Based Polyols by Thiol-Ene Photo-Click Reaction and Biobased Polyurethanes Therefrom. ACS Sustainable Chemistry and Engineering, 2017, 5, 7365-7373.	6.7	118
3	High photocatalytic degradation activity of polyethylene containing polyacrylamide grafted TiO <sub>2</sub> . Polymer Degradation and Stability, 2013, 98, 1754-1761.	5.8	100
4	High-Performance Electrospun Poly(vinylidene fluoride)/Poly(propylene carbonate) Gel Polymer Electrolyte for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2015, 119, 27882-27891.	3.1	88
5	Synthesis and properties of castor oil-based waterborne polyurethane/sodium alginate composites with tunable properties. Carbohydrate Polymers, 2019, 208, 391-397.	10.2	82
6	Mechanical and thermal properties of bamboo fiber reinforced polypropylene/poly(lactic acid) composites for 3D printing. Polymer Engineering and Science, 2019, 59, E247.	3.1	79
7	Effect of polyethylene glycol on mechanical properties of bamboo fiber-reinforced poly(lactic acid) composites. Journal of Applied Polymer Science, 2019, 136, 47709.	2.6	44
8	A cysteine derivative-enabled ultrafast thiol-ene reaction for scalable synthesis of a fully bio-based internal emulsifier for high-toughness waterborne polyurethanes. Green Chemistry, 2020, 22, 5722-5729.	9.0	38
9	Bioinspired Highly Crumpled Porous Carbons with Multidirectional Porosity for High Rate Performance Electrochemical Supercapacitors. ACS Sustainable Chemistry and Engineering, 2018, 6, 12716-12726.	6.7	31
10	Micrometer Copper-Zinc Alloy Particles-Reinforced Wood Plastic Composites with High Gloss and Antibacterial Properties for 3D Printing. Polymers, 2020, 12, 621.	4.5	27
11	Fabrication and properties of polybutadiene rubber-interpenetrating cross-linking poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overload 52978-52984.	3.6	25
12	Tin bisulfide nanoplates anchored onto flower-like bismuth tungstate nanosheets for enhancement in the photocatalytic degradation of organic pollutant. Journal of Hazardous Materials, 2022, 432, 128665.	12.4	25
13	Photooxidation and biodegradation of polyethylene films containing polyethylene glycol modified TiO <sub>2</sub> as prooxidant additives. Polymer Composites, 2018, 39, E531.	4.6	22
14	Mechanical and biodegradation properties of bamboo fiber-reinforced starch/polypropylene biodegradable composites. Journal of Applied Polymer Science, 2020, 137, 48694.	2.6	21
15	Design and Synthesis of Free-Radical/Cationic Photosensitive Resin Applied for 3D Printer with Liquid Crystal Display (LCD) Irradiation. Polymers, 2020, 12, 1346.	4.5	20
16	Recyclable and Fluorescent Epoxy Polymer Networks from Cardanol Via Solvent-Free Epoxy-Thiol Chemistry. ACS Applied Polymer Materials, 2021, 3, 3082-3092.	4.4	18
17	Polyaniline modified mesoporous titanium dioxide that enhances oxidative biodegradation of polyethylene films for agricultural plastic mulch application. Polymer International, 2019, 68, 1332-1340.	3.1	12
18	$\text{Sr}_2\text{MgSi}_2\text{O}_7$ :Eu <sup>2+</sup> , Dy <sup>3+</sup> phosphor-reinforced wood plastic composites with photoluminescence properties for 3D printing. Polymer Composites, 2021, 42, 3125-3136.	4.6	9

#	ARTICLE	IF	CITATIONS
19	Novel eugenol-based allyl-terminated precursors and their bio-based polymer networks through thiol-ene click reaction. <i>Industrial Crops and Products</i> , 2021, 171, 113956.	5.2	8
20	Enhanced photocatalytic oxidation and biodegradation of polyethylene films with PMMA grafted TiO <sub>2</sub> as pro-oxidant additives for plastic mulch application. <i>Polymer Composites</i> , 2018, 39, 3409-3417.	4.6	7
21	Synergistic Enhancement of Photocatalytic Performance of Mesoporous TiO <sub>2</sub> enabled by Tunable Crystal Phase and Hybridization with Graphene Oxide. <i>ChemistrySelect</i> , 2021, 6, 5791-5800.	1.5	1