

# Xiaoqun Zhu

## List of Publications by Year in descending order

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35  
papers

1,496  
citations

471061

17  
h-index

360668

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of $\alpha,\beta$ -unsaturated ketone photoinitiator with high photoinitiation efficiency by restricting photoinduced isomerization process. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51569.	1.3	2
2	A bis-acrylate functionalized enone as photoinitiator and crosslinker in photopolymerization. <i>Progress in Organic Coatings</i> , 2022, 162, 106587.	1.9	6
3	Thermally activated pyrrole chalcone free radical photoinitiator with excellent stability to sunlight. <i>European Polymer Journal</i> , 2022, 162, 110884.	2.6	13
4	Patterned Magnetofluids via Magnetic Printing and Photopolymerization for Multifunctional Flexible Electronic Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 30332-30342.	4.0	1
5	Study on pyrrole chalcone derivatives used for blue LED free radical photopolymerization: Controllable initiating activity achieved through photoisomerization property. <i>European Polymer Journal</i> , 2022, 176, 111393.	2.6	12
6	Photocuring 3D printing robust elastomers with ultralow viscosity resin. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49965.	1.3	8
7	Hydrogen bond complex used as visible light photoinitiating system for free radical photopolymerization: Photobleaching, water solubility. <i>Progress in Organic Coatings</i> , 2021, 151, 106099.	1.9	10
8	Color evolution of a pyrrole-based enone dye in radical photopolymerization formulations. <i>Dyes and Pigments</i> , 2021, 188, 109212.	2.0	28
9	Pyrrole-based enone dyes as radical photoinitiator under 405/460 nm LED lamp: The effect of ketone structure. <i>Dyes and Pigments</i> , 2021, 191, 109372.	2.0	18
10	A facile synthesized benzophenone Schiff-base ligand as efficient type II visible light photoinitiator. <i>Progress in Organic Coatings</i> , 2021, 157, 106329.	1.9	12
11	Benzylidene ketones as visible light radical photoinitiator: The effects of electron-donating group and co-initiator. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113395.	2.0	15
12	Enone dyes as visible photoinitiator in radical polymerization: The influence of peripheral N-alkylated (hetero)aromatic amine group. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 419, 113449.	2.0	21
13	In situ monitoring of photopolymerization by photoinitiator with luminescence characteristics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112225.	2.0	50
14	Visible light and water-soluble photoinitiating system based on the charge transfer complex for free radical photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 402, 112803.	2.0	33
15	Fabrication of a Surface Adhesion Layer for Hydrogel Sensors via Photografting. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4140-4148.	2.0	15
16	A facile strategy for fabricating multifunctional ionogel based electronic skin. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8368-8373.	2.7	55
17	Surface Modification of Carbon Fiber by Electro-Polymerization: Continuous Production, Thickness Control, Colorization, and Preparation of CFRP. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2594-2601.	2.0	8
18	Robust Physically Linked Double-Network Ionogel as a Flexible Bimodal Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 14272-14279.	4.0	118

#	ARTICLE	IF	CITATIONS
19	Photo-curing 3D printing technique and its challenges. <i>Bioactive Materials</i> , 2020, 5, 110-115.	8.6	519
20	A high performance phenyl-free LED photoinitiator for cationic or hybrid photopolymerization and its application in LED cationic 3D printing. <i>Polymer Chemistry</i> , 2020, 11, 2855-2863.	1.9	65
21	The effect of polyethylene glycoldiacrylate complexation on type II photoinitiator and promotion for visible light initiation system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 384, 112037.	2.0	51
22	A transparent, stretchable, stable, self-adhesive ionogel-based strain sensor for human motion monitoring. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11244-11250.	2.7	90
23	Synthesis of furan derivative as LED light photoinitiator: One-pot, low usage, photobleaching for light color 3D printing. <i>Dyes and Pigments</i> , 2019, 165, 467-473.	2.0	101
24	Silicon dioxide/poly(vinyl alcohol) composite hydrogels with high mechanical properties and low swellability. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46895.	1.3	29
25	Crosslinking poly(acrylic glycidyl ether) honeycomb film by cationic photopolymerization and its converting to inorganic SiO <sub>2</sub> film. <i>Applied Surface Science</i> , 2018, 428, 485-491.	3.1	7
26	Decomposable Polyvinyl Alcohol-Based Super-Hydrophobic Three-Dimensional Porous Material for Effective Water/Oil Separation. <i>Langmuir</i> , 2018, 34, 15700-15707.	1.6	43
27	Surface-Selective Grafting of Crosslinking Layers on Hydrogel Surfaces via Two Different Mechanisms of Photopolymerization for Site-Controllable Release. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800144.	2.0	9
28	Flower-like Surface of Three-Metal-Component Layered Double Hydroxide Composites for Improved Antibacterial Activity of Lysozyme. <i>Bioconjugate Chemistry</i> , 2018, 29, 2090-2099.	1.8	32
29	Preparation of superhydrophobic surface via one-step photopolymerization. <i>Materials Letters</i> , 2017, 190, 48-51.	1.3	12
30	Regional selective construction of nano-Au on Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @PEI nanoparticles by photoreduction. <i>Nanotechnology</i> , 2016, 27, 215301.	1.3	16
31	Understanding double bond conversion using laser con-focus RAMAN spectroscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 325, 83-87.	2.0	3
32	Silicone-based tough hydrogels with high resilience, fast self-recovery, and self-healing properties. <i>Chemical Communications</i> , 2016, 52, 8365-8368.	2.2	46
33	A facile photopolymerization method for fabrication of pH and light dual reversible stimuli-responsive surfaces. <i>Chemical Communications</i> , 2015, 51, 5649-5651.	2.2	14
34	Electro-initiated cationic polymerization in the presence of potassium hexafluoroantimonate. <i>RSC Advances</i> , 2014, 4, 22224-22229.	1.7	4
35	Surface photo-anchored PNIPAM crosslinked membrane on glass substrate by covalent bonds. <i>Applied Surface Science</i> , 2014, 307, 7-12.	3.1	30