

# Xiaoxuan Liu

## List of Publications by Year in descending order

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24  
papers

269  
citations

1162367

8  
h-index

940134

16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	A healable waterborne polyurethane synergistically cross-linked by hydrogen bonds and covalent bonds for composite conductors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5280-5292.	2.7	49
2	Preparation, Characterization and Application of UV-Curable Flexible Hyperbranched Polyurethane Acrylate. <i>Polymers</i> , 2017, 9, 552.	2.0	44
3	Preparation and Photochromic Behavior of Spiropyran-Containing Fluorinated Polyacrylate Hydrophobic Coatings. <i>Langmuir</i> , 2018, 34, 15812-15819.	1.6	38
4	Photo-induced controlled radical polymerization of methyl methacrylate mediated by photosensitive nitroxides. <i>Polymer International</i> , 2015, 64, 867-874.	1.6	26
5	Photochromic properties of spiropyran in epoxy resin as anti-counterfeiting coating on flexible materials. <i>Progress in Organic Coatings</i> , 2016, 100, 100-104.	1.9	20
6	Synthesis and properties of CO <sub>2</sub> copolymer-based waterborne polyurethane with high solid content. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	12
7	Fabricated of Superhydrophobic Silanized Melamine Sponge with Photochromic Properties for Efficiency Oil/Water Separation. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-8.	0.8	11
8	Photobase-catalysed anionic thiol-epoxy click photopolymerization under NIR irradiation: from deep curing to shape memory. <i>Polymer Chemistry</i> , 2022, 13, 3048-3052.	1.9	10
9	Stereocontrol of Methyl Methacrylate during Photoinduced Nitroxide-Mediated Polymerization in the Presence of Photosensitive Alkoxyamine. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-8.	1.2	8
10	Upconversion nanoparticle-assisted cationic and radical/cationic hybrid photopolymerization using sulfonium salts. <i>Polymer Chemistry</i> , 2021, 12, 7005-7009.	1.9	8
11	Synthesis of <i>cis</i> -1,4-polyisoprene with Al-Ti catalysts modified by different electron donor reagent. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	6
12	UV-activated hydrosilylation of (Me <sub>3</sub> Cp)Pt(Me) <sub>3</sub> : Enhanced photocatalytic activity, polymerization kinetics, and photolithography. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48251.	1.3	6
13	Study on photostabilization in situ of reactive hindered amine light stabilizers applied to UV-curable coatings. <i>Journal of Coatings Technology Research</i> , 2012, 9, 459-466.	1.2	5
14	A photo-induced nitroxide trapping method to prepare 100%-heterotelechelic polymers. <i>Polymer Chemistry</i> , 2016, 7, 2511-2520.	1.9	5
15	Reactivity ratios and sequence structures of the copolymers prepared using photo-induced copolymerization of MMA with MTMP. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 372-378.	1.1	4
16	Kinetic investigation of photopolymerization initiated by oligomeric photolabile base. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 1499-1506.	2.0	4
17	Reactivity ratios and sequence structures of the copolymers prepared by photo-induced copolymerization of MMA with MPMP. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	4
18	Zirconium Propoxide: A Coupling Agent for the Synthesis of Multifunctional Photoinitiators. <i>ChemPhotoChem</i> , 2018, 2, 18-21.	1.5	4

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19	Controlled/living photopolymerization of methyl methacrylate in miniemulsion mediated by HTEMPO. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 41-46.	0.4	3
20	A study on hybrid oligomeric type II photoinitiator. <i>E-Polymers</i> , 2010, 10, .	1.3	1
21	Facile modification on the oxygen-inhibited layer of photopolymerized acrylates via aza-Michael addition. <i>Polymer International</i> , 2021, 70, 845-850.	1.6	1
22	Facile TEMPO Immobilization onto Poly(acrylic acid)-Modified Magnetic Nanoparticles: Preparation and Property. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-8.	1.2	0
23	Effect of Diphenyl Ether in Ti-based Ternary Catalyst on Polymerization, Microstructure and Property of cis-1,4-Polyisoprene. <i>Polymer Science - Series B</i> , 2019, 61, 124-131.	0.3	0
24	Crystal structure of a tetranuclear CuII complex with an O,N,N'-donor Schiff base ligand: hexa- $\mu_4$ -acetato-bis(2-[[[(2,2,6,6-tetramethylpiperidin-4-yl)imino]methyl]phenolato- $\lambda^3$ O,N,N'- $\mu_2$ ]tetracopper(II)). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 597-599.	0.2	0