

Tanlong Xue

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

372
citations

933447

10
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	A bis-acrylate functionalized enone as photoinitiator and crosslinker in photopolymerization. <i>Progress in Organic Coatings</i> , 2022, 162, 106587.	3.9	6
2	Benzophenone based salicylaldehyde and its boron complex as radical photoinitiator: A comparative study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 424, 113625.	3.9	4
3	Highly Stretchable and Sensitive Strain Sensor based on Ionogel/Ag Synergistic Conductive Network. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	9
4	Fast layer-by-layer assembly of PDMS for boosting the gas separation of P84 membranes. <i>Chemical Engineering Science</i> , 2022, 253, 117588.	3.8	10
5	Facile prepared tropinone-based enone dyes with visible-light induced photothermal liquefaction and cold crystallization properties for reusable and switchable adhesive. <i>Dyes and Pigments</i> , 2022, 201, 110241.	3.7	2
6	Visible-light-induced ultrafast preparation of PDMS membrane for the pervaporative separation of furfural. <i>Journal of Membrane Science</i> , 2022, 653, 120515.	8.2	14
7	The acidochromism of an N-methyl pyrrole-based enone dye toward trifluoroacetic acid in different solvents and solid state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, , 114051.	3.9	1
8	Patterned Magnetofluids via Magnetic Printing and Photopolymerization for Multifunctional Flexible Electronic Sensors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30332-30342.	8.0	1
9	Fluoroalkyl-grafted methacrylate-PDMS membranes using fluoromonomer as a diluent for enhancing biobutanol pervaporation. <i>Green Chemistry</i> , 2021, 23, 7053-7064.	9.0	17
10	Pillar[6]arene: Light Cleaves Macrocyclic to Linear Oligomer Biradical to Initiate Photopolymerization. <i>Organic Letters</i> , 2021, 23, 1709-1713.	4.6	8
11	Color evolution of a pyrrole-based enone dye in radical photopolymerization formulations. <i>Dyes and Pigments</i> , 2021, 188, 109212.	3.7	28
12	Effect of crosslinker 3-methacryloxypropylmethyldimethoxysilane on UV-crosslinked PDMS-PTFPMS block copolymer membranes for ethanol pervaporation. <i>Chemical Engineering Research and Design</i> , 2021, 168, 13-24.	5.6	15
13	Macrocyclic Photoinitiator Based on Prism[5]arene Matching LEDs Light with Low Migration. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100299.	3.9	6
14	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.	3.7	18
15	A facile synthesized benzophenone Schiff-base ligand as efficient type II visible light photoinitiator. <i>Progress in Organic Coatings</i> , 2021, 157, 106329.	3.9	12
16	Nondiffusion-Controlled Photoelectron Transfer Induced by Host-Guest Complexes to Initiate Cationic Photopolymerization. <i>Macromolecules</i> , 2021, 54, 8314-8320.	4.8	10
17	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.	3.9	15
18	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.	3.9	21

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19	Epoxide-based PDMS membranes with an ultrashort and controllable membrane-forming process for 1-butanol/water pervaporation. <i>Journal of Membrane Science</i> , 2020, 612, 118472.	8.2	35
20	Photopolymerization with AIE dyes for solid-state luminophores. <i>Polymer Chemistry</i> , 2020, 11, 1589-1596.	3.9	7
21	Unveiling the electronic effect of substituent on sensitized photopolymerization: An experimental and theoretical investigation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 397, 112551.	3.9	6
22	Synthesis and electrochemical, linear and third-order nonlinear optical properties of ferrocene-based D- π -A dyes as novel photoredox catalysts in photopolymerization under visible LED irradiations. <i>Dyes and Pigments</i> , 2019, 166, 140-148.	3.7	32
23	Synthesis, one/two-photon optical and electrochemical properties and the photopolymerization-sensitizing effect of anthracene-based dyes: influence of the donor groups. <i>New Journal of Chemistry</i> , 2019, 43, 6737-6745.	2.8	10
24	Diphenyl sulfone-based A π -D π -A dyes as efficient initiators for one-photon and two-photon initiated polymerization. <i>Polymer Chemistry</i> , 2019, 10, 2152-2161.	3.9	11
25	Facilely prepared blue-green light sensitive curcuminoids with excellent bleaching properties as high performance photosensitizers in cationic and free radical photopolymerization. <i>Polymer Chemistry</i> , 2018, 9, 1787-1798.	3.9	64
26	Carbazole-based compounds containing aldehyde and cyanoacetic acid: optical properties and applications in photopolymerization. <i>RSC Advances</i> , 2017, 7, 55382-55388.	3.6	10