Mingjin Jin

List of Publications by Year
in descending order

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		218677	330143
78	1,743	26	37
papers	citations	h-index	g-index

79	79	79	1600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ternary hybrid materials based on the photoinduced cationic polymerization of functional twin monomer and epoxides. European Polymer Journal, 2022, 164, 110987.	5.4	5
2	Fused carbazoleâ€“coumarinâ€“ketone dyes: high performance and photobleachable photoinitiators in free radical photopolymerization for deep photocuring under visible LED light irradiation. Polymer Chemistry, 2022, 13, 3367-3376.	3.9	19
3	An emulsion-templated and amino diol-dictated porous material as an efficient and well recyclable boric acid scavenger. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125873.	4.7	4
4	Phenylthioether thiophene-based oxime esters as novel photoinitiators for free radical photopolymerization under LED irradiation wavelength exposure. Progress in Organic Coatings, 2021, 151, 106019.	3.9	20
5	Trace thioether inserted polyamine patches on a support mediate uniform gold nanoclusters as ultrahigh active catalysts. Journal of Materials Chemistry A, 2021, 9, 15714-15723.	10.3	9
6	Novel chalcone derivatives with large conjugation structures as photosensitizers for versatile photopolymerization. Journal of Polymer Science, 2021, 59, 578-593.	3.8	14
7	Renewable UV-curable polyester methacrylate/cellulose nanocrystals composite resin for wood waterproof coating. Nanotechnology, 2021, 32, 275703.	2.6	6
8	Comparative Photoinitiating Performances of Donorâ€“Acceptor Multibranched Triphenylamines Designed for Light-Triggered Micropatterning Applications. ACS Applied Polymer Materials, 2021, 3, 3103-3113.	4.4	7
9	One/two-photon sensitive sulfonium salt photoinitiators based on 1,3,5-triphenyl-2-pyrazoline. European Polymer Journal, 2021, 153, 110525.	5.4	15
10	Effects of <scp>C3</scp>â€aromatic heterocycles on 1,3,5â€triarylâ€2â€pyrazoline sulfonium salt photoacid generators as lightâ€emitting diodeâ€sensitive cationic photoinitiators. Journal of Polymer Science, 2021, 59, 1899-1911.	3.8	4
11	Bicarbazole-based oxime esters as novel efficient photoinitiators for photopolymerization under UV-Vis LEDs. Progress in Organic Coatings, 2021, 157, 106306.	3.9	16
12	Remote effect of substituents on the properties of phenyl thienyl thioether-based oxime esters as LED-sensitive photoinitiators. Dyes and Pigments, 2021, 192, 109435.	3.7	26
13	Substituted Stilbene-based D-Ï€-A and A-Ï€-A type oxime esters as photoinitiators for LED photopolymerization. European Polymer Journal, 2021, 156, 110617.	5.4	13
14	High-performance LED induces cationic photopolymerization using novel 1,3,5-triaryl-2-pyrazoline as photosensitizer. Progress in Organic Coatings, 2021, 161, 106460.	3.9	5
15	Two-photon fluorescent Zn2+ probe for ratiometric imaging and biosensing of Zn2+ in living cells and larval zebrafish. Biosensors and Bioelectronics, 2020, 148, 111666.	10.1	35
16	Dense and robust aminopolycarboxylic acid-decorated porous monoliths for eliminating trace Cu(II) or Zn(II) from water. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124310.	4.7	7
17	Twoâ€Photon Initiating Efficiency of a Ditopic Alkoxynitrostilbene Reacting through a Selfâ€Regenerative Mechanism. ChemPhysChem, 2020, 21, 2301-2310.	2.1	5
18	Chemiluminescence Induced Cationic Photopolymerization Using Sulfonium Salt. ACS Macro Letters, 2020, 9, 471-475.	4.8	18

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19	Bicarbazoleâ€based oxalates as photoinitiating systems for photopolymerization under UVâ€“Vis LEDs. Journal of Polymer Science, 2020, 58, 1079-1091.	3.8	15
20	Macrosurfactant-mediated, aminopolycarboxy-acid-decorated open-cellular adsorbent for removing metal micropollutants from water. Materials Chemistry Frontiers, 2020, 4, 985-995.	5.9	4
21	Dendritic Macrosurfactant Assembly for Physical Functionalization of HIPE-Templated Polymers. Polymers, 2020, 12, 779.	4.5	1
22	Wavelength-Dependent, Large-Amplitude Photoinitiating Reactivity within a Carbazole-Coumarin Fused Oxime Esters Series. ACS Applied Polymer Materials, 2020, 2, 2077-2085.	4.4	31
23	Synthesis and study of pyridine-containing sulfonated polybenzimidazole multiblock copolymer for proton exchange membrane fuel cells. Ionics, 2019, 25, 2255-2265.	2.4	13
24	Evolution of a Radicalâ€Triggered Polymerizing High Internal Phase Emulsion into an Openâ€Cellular Monolith. Macromolecular Chemistry and Physics, 2019, 220, 1900216.	2.2	8
25	A two-photon active chevron-shaped type I photoinitiator designed for 3D stereolithography. Chemical Communications, 2019, 55, 6233-6236.	4.1	41
26	A substituentpara-to-orthopositioning effect drives the photoreactivity of a dibenzothiophene-based oxalate series used as LED-excitable free radical photoinitiators. Polymer Chemistry, 2019, 10, 1599-1609.	3.9	26
27	Substituted stilbene-based oxime esters used as highly reactive wavelength-dependent photoinitiators for LED photopolymerization. Polymer Chemistry, 2019, 10, 6609-6621.	3.9	49
28	Bisâ€substituted thiopheneâ€containing oxime sulfonates photoacid generators for cationic polymerization under UVâ€“visible LED irradiation. Journal of Polymer Science Part A, 2018, 56, 776-782.	2.3	22
29	Large-scale preparation of a 3D patchy surface with dissimilar dendritic amphiphiles. Soft Matter, 2018, 14, 1043-1049.	2.7	1
30	Dâ€Ï€â€aâ€type oxime sulfonate photoacid generators for cationic polymerization under UVâ€“visible LED irradiation. Journal of Polymer Science Part A, 2018, 56, 1146-1154.	2.3	23
31	Preparation and properties of sulfonated polybenzimidazole-polyimide block copolymers as electrolyte membranes. Ionics, 2018, 24, 1629-1638.	2.4	17
32	Dâ€“Ï€â€“A-type Sulfonium Salt Photoinitiators for Photopolymerizations Under Near-UV and Visible Light-emitting Diodes. RSC Polymer Chemistry Series, 2018, , 479-503.	0.2	2
33	Two-Photon Ratiometric Fluorescence Probe with Enhanced Absorption Cross Section for Imaging and Biosensing of Zinc Ions in Hippocampal Tissue and Zebrafish. Analytical Chemistry, 2017, 89, 2553-2560.	6.5	72
34	Rapid gel-to-sol transition triggered by a photoacid generator under low-power light. Journal of Materials Chemistry C, 2017, 5, 5299-5303.	5.5	17
35	Dendritic amphiphile-decorated polyHIPE as a highly efficient and well recyclable scavenger of micropollutants in water: Topological effect. Journal of Polymer Science Part A, 2017, 55, 1294-1302.	2.3	14
36	Visible lightâ€emitting diodeâ€sensitive thioxanthone derivatives used in versatile photoinitiating systems for photopolymerizations. Journal of Polymer Science Part A, 2017, 55, 4037-4045.	2.3	43

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37	Molecular Engineering of UV/Vis Lightâ€Emitting Diode (LED)â€Sensitive Donorâ€“Ïâ€“Acceptorâ€Type Sulfonium Salt Photoacid Generators: Design, Synthesis, and Study of Photochemical and Photophysical Properties. Chemistry - A European Journal, 2017, 23, 15783-15789.	3.3	17
38	An Ultrasensitive and Selective Probe for Ratiometric Determination and Removal of Hg2+. Journal of Analysis and Testing, 2017, 1, 1.	5.1	4
39	Supramolecular Nanoparticles via Single-Chain Folding Driven by Ferrous Ions. Macromolecular Rapid Communications, 2016, 37, 330-336.	3.9	32
40	2,2,2-trifluoroacetophenone-based D-Ï€-A type photoinitiators for radical and cationic photopolymerizations under near-UV and visible LEDs. Journal of Polymer Science Part A, 2016, 54, 1945-1954.	2.3	22
41	Dual roles for promoting monomers to polymers: A conjugated sulfonium salt photoacid generator as photoinitiator and photosensitizer in cationic photopolymerization. Journal of Polymer Science Part A, 2016, 54, 2722-2730.	2.3	29
42	Molecular nanocapsule-decorated porous monolith: preparation and elimination of cationic dyes from water. RSC Advances, 2016, 6, 55682-55688.	3.6	8
43	Polyamino amphiphile mediated support of platinum nanoparticles on polyHIPE as an over 1500-time recyclable catalyst. RSC Advances, 2016, 6, 109253-109258.	3.6	14
44	D-Ï€-A-type aryl dialkylsulfonium salts as one-component versatile photoinitiators under UV/visible LEDs irradiation. Dyes and Pigments, 2016, 132, 128-135.	3.7	32
45	Effects of conjugated systems on UV-visible light-sensitive D-Ï€-A type sulfonium salt photoacid generators. Chinese Journal of Polymer Science (English Edition), 2016, 34, 1456-1468.	3.8	19
46	Elimination of surfactants and small dyes from water with silica-supported dendritic amphiphiles. Chinese Journal of Polymer Science (English Edition), 2016, 34, 59-68.	3.8	5
47	One/two-photon cationic polymerization in visible and near infrared ranges using two-branched sulfonium salts as efficient photoacid generators. Dyes and Pigments, 2016, 133, 363-371.	3.7	22
48	Near UVâ€“vis LED-excitable two-branched sensitizers for cationic, radical, and thiol-ene photopolymerizations. Dyes and Pigments, 2016, 126, 54-61.	3.7	23
49	Rotamerism-driven large magnitude hostâ€“guest binding change in a crown ether derivatized pyridinium-phenolate series. Chemical Communications, 2016, 52, 4652-4654.	4.1	1
50	From singleâ€chain folding to polymer nanoparticles via intramolecular quadruple hydrogenâ€bonding interaction. Journal of Polymer Science Part A, 2015, 53, 1832-1840.	2.3	17
51	One-pot synthesis of porous monolith-supported gold nanoparticles as an effective recyclable catalyst. Journal of Materials Chemistry A, 2015, 3, 13519-13525.	10.3	59
52	Dendritic amphiphile mediated porous monolith for eliminating organic micropollutants from water. Journal of Materials Chemistry A, 2015, 3, 6297-6300.	10.3	29
53	One/two-photon-sensitive photoacid generators based on benzene oligomer-containing Dâ€“Ïâ€“A-type aryl dialkylsulfonium salts. RSC Advances, 2015, 5, 55340-55347.	3.6	29
54	Excited-State Dynamics of a D-Ï€-A Type Sulfonium-Based Alkoxystilbene Photoacid Generator. Chemistry of Materials, 2015, 27, 1684-1691.	6.7	18

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55	Dendritic Amphiphile Mediated One-Pot Preparation of 3D Pt Nanoparticles-Decorated PolyHIPE as a Durable and Well-Recyclable Catalyst. ACS Applied Materials & Interfaces, 2015, 7, 20885-20892.	8.0	43
56	Chargeâ€selective separation and recovery of organic ions by polymeric micelles. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 872-881.	2.1	5
57	Two-photon lithography in visible and NIR ranges using multibranched-based sensitizers for efficient acid generation. Journal of Materials Chemistry C, 2014, 2, 7201-7215.	5.5	34
58	Ï€-conjugated sulfonium-based photoacid generators: an integrated molecular approach for efficient one and two-photon polymerization. Polymer Chemistry, 2014, 5, 4747-4755.	3.9	49
59	A multifunctional azobenzene-based polymeric adsorbent for effective water remediation. Scientific Reports, 2014, 4, 7296.	3.3	15
60	Design of Dâ€“Ï€â€“A type photoacid generators for high efficiency excitation at 405 nm and 800 nm. Chemical Communications, 2013, 49, 8480.	4.1	39
61	Kinetic topologyâ€selective encapsulation and mixture separation by a nanocapsule with hyperbranched polyethylenimine as core and polystyrene as shell. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1273-1281.	2.1	3
62	Cooperative Entrapment of Xanthene Dyes by a Coreâ€Engineered Unimolecular Micelle. Macromolecular Chemistry and Physics, 2013, 214, 1817-1828.	2.2	7
63	Micropatterning of polymethacrylates by singleâ€or twoâ€photon irradiation using Ï€â€conjugated oâ€nitrobenzyl ester phototrigger as side chains. Journal of Applied Polymer Science, 2013, 130, 4099-4106.	2.6	6
64	Enhancement of Acid Photogeneration Through a Para-to-Meta Substitution Strategy in a Sulfonium-Based Alkoxystilbene Designed for Two-Photon Polymerization. Chemistry of Materials, 2012, 24, 237-244.	6.7	57
65	Charge selective encapsulation by polymeric micelles with cationic, anionic, or zwitterionic cores. Journal of Polymer Science Part A, 2012, 50, 1342-1350.	2.3	7
66	Enhancement of the Two-Photon Initiating Efficiency of a Thioxanthone Derivative through a Chevron-Shaped Architecture. Chemistry of Materials, 2011, 23, 3411-3420.	6.7	46
67	Supramolecular fuzzy recognition leads to effective differentiation of similar molecules. Journal of Polymer Science Part A, 2011, 49, 2373-2381.	2.3	15
68	Singleâ€chain nanoparticles with wellâ€defined structure via intramolecular crosslinking of linear polymers with pendant benzoxazine groups. Journal of Polymer Science Part A, 2011, 49, 5133-5141.	2.3	46
69	Selective Encapsulation of Ionic Dyes by Core/Shell Amphiphilic Macromolecules Derived from Hyperbranched Polyethylenimine: Properties through Structures. Macromolecular Chemistry and Physics, 2011, 212, 1910-1917.	2.2	16
70	Photochromism-based detection of volatile organic compounds by W-doped TiO2 nanofibers. Journal of Colloid and Interface Science, 2011, 362, 188-193.	9.4	23
71	Unimolecular micelle derived from hyperbranched polyethylenimine with wellâ€defined hybrid shell of poly(ethylene oxide) and polystyrene: A versatile nanocapsule. Journal of Polymer Science Part A, 2010, 48, 681-691.	2.3	24
72	Photoinduced Size-Controlled Generation of Silver Nanoparticles Coated with Carboxylate-Derivatized Thioxanthones. Journal of Physical Chemistry C, 2010, 114, 10396-10402.	3.1	39

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73	Photophysical Properties and Two-Photon Polymerization Ability of a Nitroalkoxystilbene Derivative. Journal of Physical Chemistry C, 2009, 113, 20812-20821.	3.1	30
74	Can Nonspecific Hostâ"Guest Interaction Lead to Highly Specific Encapsulation by a Supramolecular Nanocapsule?. Macromolecules, 2009, 42, 6448-6456.	4.8	39
75	Two-photon absorption and polymerization ability of intramolecular energy transfer based photoinitiating systems. Chemical Communications, 2008, , 6540.	4.1	33
76	Light-Stimulated Composition Conversion in TiO2-Based Nanofibers. Journal of Physical Chemistry C, 2007, 111, 658-665.	3.1	102
77	Fibrous TiO2â€"SiO2nanocomposite photocatalyst. Chemical Communications, 2006, , 4483-4485.	4.1	57
78	Promotion of the photoacid generation performance of sulfonium salts by inhibiting the isomerization of conjugated systems using a cyclization strategy. Journal of Polymer Science, 0, , .	3.8	0