Jacques LalevÃ©e

List of Publications by Year
in descending order

400 papers	19,657 citations	8172 76 h-index	29127 104 g-index
426 all docs	426 docs citations	426 times ranked	5701 citing authors

#	ARTICLE	IF	CITATIONS
1	Photopolymerization of Zeolite Fillerâ€Based Composites for Potential 3D Printing Application and Gas Adsorption Applications. Advanced Materials Technologies, 2022, 7, 2100869.	3.0	12
2	Effect of the Steric Hindrance and Branched Substituents on Visible Phenylamine Oxime Ester Photoinitiators: Photopolymerization Kinetics Investigation through Photoâ€DSC Experiments. Photochemistry and Photobiology, 2022, 98, 773-782.	1.3	8
3	5,12-Dihydroindolo[3,2-a]carbazole: A promising scaffold for the design of visible light photoinitiators of polymerization. European Polymer Journal, 2022, 162, 110880.	2.6	28
4	The new LED-Sensitive photoinitiators of Polymerization: Copper complexes in free radical and cationic photoinitiating systems and application in 3D printing. European Polymer Journal, 2022, 162, 110885.	2.6	25
5	Silyl Glyoximides: Toward a New Class of Visible Light Photoinitiators. Macromolecular Chemistry and Physics, 2022, 223, .	1.1	9
6	Organocatalytic PET-RAFT polymerization with a low ppm of organic photocatalyst under visible light. Polymer Chemistry, 2022, 13, 209-219.	1.9	16
7	Comparison of pure epoxy vs. epoxy-anhydride photopolymerization. European Polymer Journal, 2022, 166, 111031.	2.6	3
8	Sunlight Induced Polymerization Photoinitiated by Novel Pushâ€"Pull Dyes: Indaneâ€1,3â€Dione, 1Hâ€Cyclopenta[b]Naphthaleneâ€1,3(2H)â€Dione and 4â€Dimethoxyphenylâ€1â€Allylidene Derivatives. Macromolecular Chemistry and Physics, 2022, 223, .	1.1	29
9	How to overcome the light penetration issue in photopolymerization? An example for the preparation of high content iron-containing opaque composites and application in 3D printing. European Polymer Journal, 2022, 165, 111011.	2.6	14
10	Interpenetrating polymer network hydrogels using natural based dyes initiating systems: Antibacterial activity and 3D/4D performance. European Polymer Journal, 2022, 166, 111042.	2.6	29
11	Polydiacetylene photocomposite material obtained by orthogonal chemistry: a detailed study at the mesoscopic scale. Materials Advances, 2022, 3, 2558-2567.	2.6	0
12	Safe near infrared light for fast polymers surface sterilization using organic heaters. Materials Chemistry Frontiers, 2022, 6, 1172-1179.	3.2	17
13	Efficacy modeling of new multi-functional benzophenone-based system for free-radical/cationic hybrid-photopolymerization using 405Ânm LED. Journal of Polymer Research, 2022, 29, 1.	1.2	6
14	Modeling the Enhanced Efficacy and Curing Depth of Photo-Thermal Dual Polymerization in Metal (Fe) Polymer Composites for 3D Printing. Polymers, 2022, 14, 1158.	2.0	1
15	Development of Water-Soluble Type I Photoinitiators for Hydrogel Synthesis. Macromol, 2022, 2, 131-140.	2.4	3
16	Effect of Decarboxylation on the Photoinitiation Behavior of Nitrocarbazole-Based Oxime Esters. Macromolecules, 2022, 55, 2475-2485.	2.2	31
17	5,12â€Dialkylâ€5,12â€dihydroindolo[3,2â€<i>a</i>]carbazoleâ€Based Oximeâ€Esters for LED Photoinitiating Systems and Application on 3D Printing. Macromolecular Materials and Engineering, 2022, 307, .	1.7	23
18	A writable anilineâ€functionalized polydiacetylene composite with obvious colorimetric change upon both heating and near infrared lights irradiation. Polymers for Advanced Technologies, 2022, 33, 1021-1026.	1.6	2

#	Article	IF	Citations
19	Zeoliteâ€Reinforced Interpenetrating Polymer Network Initiated by Chalcone Based Photoinitiating System and Their Application in 3D/4D Printing. Advanced Materials Technologies, 2022, 7, .	3.0	8
20	Water-soluble/visible-light-sensitive naphthalimide derivative-based photoinitiating systems: 3D printing of antibacterial hydrogels. Polymer Chemistry, 2022, 13, 2918-2932.	1.9	20
21	Charge Transfer Complexes (CTCs) with Pyridinium Salts: Towards Efficient Dual Photochemical/Thermal Initiators and 3D Printing Applications. Macromolecular Rapid Communications, 2022, , 2200314.	2.0	8
22	Chemical engineering around the 5,12-dihydroindolo[3,2-a]carbazole scaffold: Fine tuning of the optical properties of visible light photoinitiators of polymerization. European Polymer Journal, 2022, 172, 111218.	2.6	9
23	Novel Copper Complexes as Visible Light Photoinitiators for the Synthesis of Interpenetrating Polymer Networks (IPNs). Polymers, 2022, 14, 1998.	2.0	12
24	Improvement of color stability using a chelating agent in model soft beverages subjected to Fenton reaction. Journal of the Chinese Chemical Society, 2022, 69, 1096-1105.	0.8	0
25	Photothermal activation in the near infrared range for 4-dimensional printing using relevant organic dyes. Additive Manufacturing, 2022, 58, 103031.	1.7	1
26	Allyloxy ketones as efficient photoinitiators with high migration stability in free radical polymerization and 3D printing. Dyes and Pigments, 2021, 185, 108900.	2.0	39
27	Bis-chalcone derivatives derived from natural products as near-UV/visible light sensitive photoinitiators for 3D/4D printing. Materials Chemistry Frontiers, 2021, 5, 901-916.	3.2	59
28	NIR Organic Dyes as Innovative Tools for Reprocessing/Recycling of Plastics: Benefits of the Photothermal Activation in the Nearâ€Infrared Range. Advanced Functional Materials, 2021, 31, 2006324.	7.8	43
29	Photoinitiating systems based on poly(ethylene imine) for Michael addition and free radical photopolymerization. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 404, 112959.	2.0	6
30	Photopolymerization of Zeolite/Polymer-Based Composites: toward 3D and 4D Printing Applications. ACS Applied Polymer Materials, 2021, 3, 400-409.	2.0	30
31	Rhenium(I) N-Heterocyclic Carbene Complexes in Photoinitiating Systems for Polymerization upon Visible Light: Development of Photosensitive Resins for 3D and 4D Applications. ACS Applied Polymer Materials, 2021, 3, 464-473.	2.0	6
32	Boron Compounds as Additives for the Cationic Polymerization Using Coumarin Derivatives in Epoxy Silicones. Macromolecular Chemistry and Physics, 2021, 222, 2000404.	1.1	24
33	Characterization of polyoxometalate/polymer photoâ€composites: A toolbox for the photodegradation of organic pollutants. Journal of Polymer Science, 2021, 59, 153-169.	2.0	11
34	New Pure Organic and Peroxide-Free Redox Initiating Systems for Polymerization in Mild Conditions. Polymers, 2021, 13, 301.	2.0	3
35	Cubane Cu₄I₄(phosphine)₄ complexes as new co-initiators for free radical photopolymerization: towards aromatic amine-free systems. Polymer Chemistry, 2021, 12, 2848-2859.	1.9	4
36	<i>N</i>-Aryl glycines as versatile initiators for various polymerizations. Polymer Chemistry, 2021, 12, 1991-2000.	1.9	10

#	ARTICLE	IF	CITATIONS
37	Peroxide-free redox initiating systems for polymerization in mild conditions. Polymer Chemistry, 2021, 12, 1816-1822.	1.9	2
38	Naphthalimideâ€Based Dyes as Photoinitiators under Visible Light Irradiation and their Applications: Photocomposite Synthesis, 3D printing and Polymerization in Water. ChemPhotoChem, 2021, 5, 476-490.	1.5	29
39	Visible-Light Emulsion Photopolymerization of Acrylates and Methacrylates: Mechanistic Insights and Introduction of a Simplified Sulfur-Based Photoinitiating System. Macromolecules, 2021, 54, 2124-2133.	2.2	6
40	N-ethyl carbazole-1-allylidene-based push-pull dyes as efficient light harvesting photoinitiators for sunlight induced polymerization. European Polymer Journal, 2021, 147, 110331.	2.6	43
41	Nearâ€Infrared PhotoInitiating Systems: Photothermal versus Tripletâ€“Triplet Annihilationâ€Based Upconversion Polymerization. Macromolecular Rapid Communications, 2021, 42, e2100047.	2.0	35
42	3-Carboxylic Acid and Formyl-Derived Coumarins as Photoinitiators in Photo-Oxidation or Photo-Reduction Processes for Photopolymerization upon Visible Light: Photocomposite Synthesis and 3D Printing Applications. Molecules, 2021, 26, 1753.	1.7	27
43	New hydrogen donors for amine-free photoinitiating systems in dental materials. Dental Materials, 2021, 37, 382-390.	1.6	7
44	Design of photoinitiating systems based on the chalcone-anthracene scaffold for LED cationic photopolymerization and application in 3D printing. European Polymer Journal, 2021, 147, 110300.	2.6	53
45	In situ generation of Ag nanoparticles during photopolymerization by using newly developed dyesâ€based <scp>threeâ€component</scp> photoinitiating systems and the related <scp>3D</scp> printing applications and their shape change behavior. Journal of Polymer Science, 2021, 59, 843-859.	2.0	30
46	Polyoxometalate<scp>s</scp>/polymer composites for the photodegradation of <scp>bisphenolâ€A</scp>. Journal of Applied Polymer Science, 2021, 138, 50864.	1.3	21
47	Development of a Zeolite/Polymerâ€Based Hydrogel Composite through Photopolymerization for 3D Printing Application. Macromolecular Materials and Engineering, 2021, 306, 2100129.	1.7	5
48	Photopolymerization of Pollen Based Biosourced Composites and Applications in 3D and 4D Printing. Macromolecular Materials and Engineering, 2021, 306, 2000774.	1.7	7
49	Photopolymerization and 3D/4D applications using newly developed dyes: Search around the natural chalcone scaffold in photoinitiating systems. Dyes and Pigments, 2021, 188, 109213.	2.0	49
50	Nitroâ€Carbazole Based Oxime Esters as Dual Photo/Thermal Initiators for 3D Printing and Composite Preparation. Macromolecular Rapid Communications, 2021, 42, e2100207.	2.0	50
51	High-performance sunlight induced polymerization using novel push-pull dyes with high light absorption properties. European Polymer Journal, 2021, 151, 110410.	2.6	38
52	Development of a Boraneâ€“(Meth)acrylate Photoâ€Click Reaction. Angewandte Chemie, 2021, 133, 17174-17181.	1.6	0
53	Concomitant initiation of radical and cationic polymerisations using new copper complexes as photoinitiators: Synthesis and characterisation of acrylate/epoxy interpenetrated polymer networks. European Polymer Journal, 2021, 152, 110457.	2.6	23
54	Organic dyeâ€based photoinitiating systems for visibleâ€lightâ€induced photopolymerization. Journal of Polymer Science, 2021, 59, 1338-1389.	2.0	49

#	ARTICLE	IF	CITATIONS
55	Development of a Boraneâ€"(Meth)acrylate Photoâ€Click Reaction. Angewandte Chemie - International Edition, 2021, 60, 17037-17044.	7.2	7
56	Novel phenylamineâ€based oxime ester photoinitiators for <scp>LED</scp>â€induced free radical, cationic, and hybrid polymerization. Journal of Polymer Science, 2021, 59, 1711-1723.	2.0	18
57	Benzophenoneâ€Functionalized Oligo(Amido Amine)/Iodonium Salt Systems as Visible Light Photoinitiators. ChemistrySelect, 2021, 6, 5743-5751.	0.7	5
58	Design of keto-coumarin based photoinitiator for Free Radical Photopolymerization: Towards 3D printing and photocomposites applications. European Polymer Journal, 2021, 154, 110559.	2.6	36
59	A Critical Review for Synergic Kinetics and Strategies for Enhanced Photopolymerizations for 3D-Printing and Additive Manufacturing. Polymers, 2021, 13, 2325.	2.0	14
60	Nearâ€infrared light for polymer reâ€shaping and reâ€processing applications. Journal of Polymer Science, 2021, 59, 2193-2200.	2.0	23
61	New hybrid MOF/polymer composites for the photodegradation of organic dyes. European Polymer Journal, 2021, 154, 110560.	2.6	43
62	New hybrid perovskites/polymer composites for the photodegradation of organic dyes. European Polymer Journal, 2021, 157, 110641.	2.6	29
63	Towards new NIR dyes for free radical photopolymerization processes. Beilstein Journal of Organic Chemistry, 2021, 17, 2067-2076.	1.3	14
64	Panchromatic Copper Complexes for Visible Light Photopolymerization. Photochem, 2021, 1, 167-189.	1.3	21
65	New Hybrid Feâ€based MOFs/Polymer Composites for the Photodegradation of Organic Dyes. ChemistrySelect, 2021, 6, 8120-8132.	0.7	23
66	Water-Soluble Visible Light Sensitive Photoinitiating System Based on Charge Transfer Complexes for the 3D Printing of Hydrogels. Polymers, 2021, 13, 3195.	2.0	30
67	LED and solar photodecomposition of erythrosine B and rose Bengal using H3PMo12O40/polymer photocatalyst. European Polymer Journal, 2021, 159, 110743.	2.6	19
68	Photostability of l-tryptophan in aqueous solution: Effect of atmosphere and antioxidants addition. Food Chemistry, 2021, 359, 129949.	4.2	5
69	Performance improvement of the photocatalytic process for the degradation of pharmaceutical compounds using new POM/polymer photocatalysts. Journal of Environmental Chemical Engineering, 2021, 9, 106015.	3.3	30
70	Radical photoinitiation with LEDs and applications in the 3D printing of composites. Chemical Society Reviews, 2021, 50, 3824-3841.	18.7	110
71	Synthesis and free radical photopolymerization of triphenylamine-based oxime ester photoinitiators. Polymer Chemistry, 2021, 12, 1286-1297.	1.9	33
72	New multifunctional benzophenone-based photoinitiators with high migration stability and their applications in 3D printing. Materials Chemistry Frontiers, 2021, 5, 1982-1994.	3.2	43

#	ARTICLE	IF	CITATIONS
73	Imidazole based dual photo/thermal initiators for highly efficient radical polymerization under air with a metal-free approach. Polymer Chemistry, 2021, 12, 6386-6391.	1.9	15
74	Nearâ€InfraredÂLight/Thermal Dualâ€Responsive Epoxyâ€Based Polydiacetylene Composite for 3D Printing. Advanced Materials Interfaces, 2021, 8, 2101481.	1.9	3
75	Naphthyl-Naphthalimides as High-Performance Visible Light Photoinitiators for 3D Printing and Photocomposites Synthesis. Catalysts, 2021, 11, 1269.	1.6	24
76	Preparation of Iron Fillerâ€Based Photocomposites and Application in 3D Printing. Macromolecular Materials and Engineering, 2021, 306, 2000720.	1.7	5
77	Development of the first panchromatic BODIPY-based one-component iodonium salts for initiating the photopolymerization processes. Polymer Chemistry, 2021, 12, 6873-6893.	1.9	34
78	Substituent effects on the photoinitiation ability of coumarin-based oxime-ester photoinitiators for free radical photopolymerization. Materials Chemistry Frontiers, 2021, 5, 8361-8370.	3.2	42
79	Efficacy Analysis of In Situ Synthesis of Nanogold via Copper/Iodonium/Amine/Gold System under a Visible Light. Polymers, 2021, 13, 4013.	2.0	1
80	1,2â€Diketones as photoinitiators of both cationic and freeâ€radical photopolymerization under UV (392â€‰nm) or Blue (455â€‰nm) LEDs. Journal of Polymer Science, 2020, 58, 792-802.	2.0	15
81	Freeâ€radical polymerization upon nearâ€infrared light irradiation, merging photochemical and photothermal initiating methods. Journal of Polymer Science, 2020, 58, 300-308.	2.0	30
82	Stable surface functionalization of carbonized mesoporous silicon. Inorganic Chemistry Frontiers, 2020, 7, 631-641.	3.0	11
83	New bimolecular photoinitiating systems based on terphenyl derivatives as highly efficient photosensitizers for 3D printing application. Polymer Chemistry, 2020, 11, 922-935.	1.9	41
84	Silane/iodonium salt as redox/thermal/photoinitiating systems in radical and cationic polymerizations for laser write and composites. Polymer Chemistry, 2020, 11, 857-866.	1.9	13
85	Photoinduced free radical promoted cationic polymerization 40 years after its discovery. Polymer Chemistry, 2020, 11, 1111-1121.	1.9	79
86	3D Printing of Polydiacetylene Photocomposite Materials: Two Wavelengths for Two Orthogonal Chemistries. ACS Applied Materials & Interfaces, 2020, 12, 1658-1664.	4.0	34
87	Design of Iodonium Salts for UV or Near-UV LEDs for Photoacid Generator and Polymerization Purposes. Molecules, 2020, 25, 149.	1.7	50
88	Sulfinates and sulfonates as high performance co-initiators in CQ based systems: Towards aromatic amine-free systems for dental restorative materials. Dental Materials, 2020, 36, 187-196.	1.6	17
89	Biocompatibility and cytotoxicity of novel photoinitiator Ï€-conjugated dithienophosphole derivatives and their triggered polymers. Toxicology in Vitro, 2020, 63, 104720.	1.1	20
90	Novel Pushâ€"Pull Dyes Derived from 1H-cyclopenta[b]naphthalene-1,3(2H)-dione as Versatile Photoinitiators for Photopolymerization and Their Related Applications: 3D Printing and Fabrication of Photocomposites. Catalysts, 2020, 10, 1196.	1.6	38

#	Article	IF	Citations
91	Novel Copper Photoredox Catalysts for Polymerization: An In Situ Synthesis of Metal Nanoparticles. Polymers, 2020, 12, 2293.	2.0	11
92	One-component cationic photoinitiators based on coumarin scaffold iodonium salts as highly sensitive photoacid generators for 3D printing IPN photopolymers under visible LED sources. Polymer Chemistry, 2020, 11, 5261-5278.	1.9	39
93	Nearâ€infrared â€induced photothermal decomposition of charge transfer complexes: A new way to initiate thermal polymerization. Journal of Polymer Science, 2020, 58, 2134-2139.	2.0	6
94	Novel ketone derivative-based photoinitiating systems for free radical polymerization under mild conditions and 3D printing. Polymer Chemistry, 2020, 11, 5767-5777.	1.9	38
95	A water soluble and highly reactive bisphosphonate functionalized thioxanthone-based photoinitiator. European Polymer Journal, 2020, 135, 109906.	2.6	16
96	Design of New Amines of Low Toxicity for Efficient Free Radical Polymerization under Air. Macromolecular Chemistry and Physics, 2020, 221, 2000211.	1.1	5
97	Mono vs. Difunctional Coumarin as Photoinitiators in Photocomposite Synthesis and 3D Printing. Catalysts, 2020, 10, 1202.	1.6	34
98	Novel Dâ€“Ï€-A and Aâ€“Ï€-Dâ€“Ï€-A three-component photoinitiating systems based on carbazole/triphenylamino based chalcones and application in 3D and 4D printing. Polymer Chemistry, 2020, 11, 6512-6528.	1.9	50
99	Novel Photoinitiators Based on Benzophenoneâ€Triphenylamine Hybrid Structure for LED Photopolymerization. Macromolecular Rapid Communications, 2020, 41, e2000460.	2.0	55
100	Ultrafast Epoxyâ€Anhydride Photopolyaddition Reaction. Macromolecular Chemistry and Physics, 2020, 221, 2000236.	1.1	4
101	Hydrogen donors to replace aromatic amine based photoinitiating systems. Nano Select, 2020, 1, 382-387.	1.9	3
102	Photochemical Câ€“H Silylation and Hydroxymethylation of Pyridines and Related Structures: Synthetic Scope and Mechanisms. ACS Catalysis, 2020, 10, 13710-13717.	5.5	60
103	Donorâ€“acceptorâ€“donor structured thioxanthone derivatives as visible photoinitiators. Polymer Chemistry, 2020, 11, 7221-7234.	1.9	25
104	Design of ketone derivatives as highly efficient photoinitiators for free radical and cationic photopolymerizations and application in <scp>3D</scp> printing of composites. Journal of Polymer Science, 2020, 58, 3432-3445.	2.0	34
105	Ketone derivatives as photoinitiators for both radical and cationic photopolymerizations under visible LED and application in 3D printing. European Polymer Journal, 2020, 132, 109737.	2.6	33
106	Coumarins as Powerful Photosensitizers for the Cationic Polymerization of Epoxy-Silicones under Near-UV and Visible Light and Applications for 3D Printing Technology. Molecules, 2020, 25, 2063.	1.7	47
107	Visible-Light-Mediated Access to Phosphate Esters. Organic Letters, 2020, 22, 4404-4407.	2.4	22
108	A monocomponent bifunctional benzophenoneâ€“carbazole type II photoinitiator for LED photoinitiating systems. Polymer Chemistry, 2020, 11, 3551-3556.	1.9	72

#	Article	IF	Citations
109	New Donor-Acceptor Stenhouse Adducts as Visible and Near Infrared Light Polymerization Photoinitiators. Molecules, 2020, 25, 2317.	1.7	20
110	Substituent Effects on Photoinitiation Ability of Monoaminoanthraquinoneâ€Based Photoinitiating Systems for Free Radical Photopolymerization under LEDs. Macromolecular Rapid Communications, 2020, 41, e2000166.	2.0	11
111	Diphenylsilaneâ€Manganese Acetylacetonate Redox Initiating Systems: Toward Amineâ€Free and Peroxideâ€Free Systems. Macromolecular Chemistry and Physics, 2020, 221, 2000058.	1.1	3
112	In Silico Design of Nitrocoumarins as Near-UV Photoinitiators: Toward Interesting Opportunities in Composites and 3D Printing Technologies. ACS Applied Polymer Materials, 2020, 2, 2890-2901.	2.0	7
113	Thermal Initiators as Additives for Photopolymerization of Methacrylates upon Blue Light. Coatings, 2020, 10, 478.	1.2	10
114	Laser Direct Writing of Arbitrary Complex Polymer Microstructures by Nitroxide-Mediated Photopolymerization. ACS Applied Materials & Interfaces, 2020, 12, 30779-30786.	4.0	13
115	Plasmon-triggered living photopolymerization for elaboration of hybrid polymer/metal nanoparticles. Materials Today, 2020, 40, 38-47.	8.3	16
116	Photoinitiators derived from natural product scaffolds: monochalcones in three-component photoinitiating systems and their applications in 3D printing. Polymer Chemistry, 2020, 11, 4647-4659.	1.9	72
117	New bio-sourced hydrogen donors as high performance coinitiators and additives for CQ-based systems: Toward aromatic amine-free photoinitiating systems. European Polymer Journal, 2020, 134, 109794.	2.6	11
118	On demand NIR activated photopolyaddition reactions. Polymer Chemistry, 2020, 11, 4250-4259.	1.9	39
119	Visible light photoinitiating systems by charge transfer complexes: Photochemistry without dyes. Progress in Polymer Science, 2020, 107, 101277.	11.8	77
120	Photoinitiator-catalyst systems based on<i>meta</i>-terphenyl derivatives as photosensitisers of iodonium and thianthrenium salts for visible photopolymerization in 3D printing processes. Polymer Chemistry, 2020, 11, 4604-4621.	1.9	40
121	Coumarin Derivatives as Photoinitiators in Photo-Oxidation and Photo-Reduction Processes and a Kinetic Model for Simulations of the Associated Polymerization Profiles. ACS Applied Polymer Materials, 2020, 2, 2769-2780.	2.0	23
122	In-silico based development of photoinitiators for 3D printing and composites: Search on the coumarin scaffold. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 400, 112698.	2.0	10
123	A New Phosphine for Efficient Free Radical Polymerization under Air. Macromolecular Rapid Communications, 2020, 41, e2000053.	2.0	10
124	Monocomponent Photoinitiators based on Benzophenone-Carbazole Structure for LED Photoinitiating Systems and Application on 3D Printing. Polymers, 2020, 12, 1394.	2.0	50
125	High performance dyes based on triphenylamine, cinnamaldehyde and indane-1,3-dione derivatives for blue light induced polymerization for 3D printing and photocomposites. Dyes and Pigments, 2020, 182, 108580.	2.0	15
126	NIR Sensitizer Operating under Long Wavelength (1064Ânm) for Free Radical Photopolymerization Processes. Macromolecular Rapid Communications, 2020, 41, e2000289.	2.0	59

#	Article	IF	Citations
127	Polydiacetylene (<scp>PDA</scp>) based supramolecular gel upon coassembly with a bolaamphiphilic cogelator. Polymers for Advanced Technologies, 2020, 31, 2640-2646.	1.6	7
128	Light-Induced Thermal Decomposition of Alkoxyamines upon Infrared CO₂ Laser: Toward Spatially Controlled Polymerization of Methacrylates in Laser Write Experiments. ACS Omega, 2020, 5, 3043-3046.	1.6	11
129	Towards Visible LED Illumination: ZnOâ€ZnS Nanocomposite Particles. ChemistrySelect, 2020, 5, 985-987.	0.7	11
130	Ketoâ€coumarin scaffold for photoinitiators for 3D printing and photocomposites. Journal of Polymer Science, 2020, 58, 1115-1129.	2.0	49
131	<i>In silico</i> rational design by molecular modeling of new ketones as photoinitiators in three-component photoinitiating systems: application in 3D printing. Polymer Chemistry, 2020, 11, 2230-2242.	1.9	71
132	Charge Transfer Complexes based on Various Amines as Dual Thermal and Photochemical Polymerization Initiators: A Powerful Tool for the Access to Composites. Journal of Polymer Science, 2020, 58, 811-823.	2.0	10
133	Flavones as natural photoinitiators for light mediated freeâ€radical polymerization via light emitting diodes. Journal of Polymer Science, 2020, 58, 254-262.	2.0	25
134	2â€Oxoâ€2(tert â€butyldimethylsilyl)Acetic Acid (DKSiâ€COOH) as a New Waterâ€Soluble Visible Light Type I Photoinitiator for Free Radical Polymerization. Macromolecular Chemistry and Physics, 2020, 221, 1900495.	1.1	16
135	Free Radical Photopolymerization and 3D Printing Using Newly Developed Dyes: Indane-1,3-Dione and 1H-Cyclopentanaphthalene-1,3-Dione Derivatives as Photoinitiators in Three-Component Systems. Catalysts, 2020, 10, 463.	1.6	38
136	Design of new phenothiazine derivatives as visible light photoinitiators. Polymer Chemistry, 2020, 11, 3349-3359.	1.9	32
137	High Performance Redox Initiating Systems Based on the Interaction of Silane with Metal Complexes: A Unique Platform for the Preparation of Composites. Molecules, 2020, 25, 1602.	1.7	5
138	New Phosphine Oxides as High Performance Near- UV Type I Photoinitiators of Radical Polymerization. Molecules, 2020, 25, 1671.	1.7	63
139	Polymeric Iodonium Salts to Trigger Free Radical Photopolymerization. Macromolecular Rapid Communications, 2020, 41, 1900644.	2.0	10
140	Metalated porphyrins as versatile visible light and NIR photoinitiators of polymerization. European Polymer Journal, 2020, 139, 110019.	2.6	31
141	Indole-based charge transfer complexes as versatile dual thermal and photochemical polymerization initiators for 3D printing and composites. Polymer Chemistry, 2019, 10, 4991-5000.	1.9	37
142	Development of new highâ€performance visible light photoinitiators based on carbazole scaffold and their applications in 3d printing and photocomposite synthesis. Journal of Polymer Science Part A, 2019, 57, 2081-2092.	2.5	59
143	Remarkable Versatility of Silane/Iodonium Salt as Redox Free Radical, Cationic, and Photopolymerization Initiators. Macromolecules, 2019, 52, 5638-5645.	2.2	23
144	Sulfonium salt based charge transfer complexes as dual thermal and photochemical polymerization initiators for composites and 3D printing. Polymer Chemistry, 2019, 10, 4690-4698.	1.9	27

#	Article	IF	Citations
145	New 1,8-Naphthalimide Derivatives as Photoinitiators for Free-Radical Polymerization Upon Visible Light. Catalysts, 2019, 9, 637.	1.6	41
146	Iodonium sulfonates as highâ€performance coinitiators and additives for CQâ€based systems: Toward aromatic amineâ€free photoinitiating systems. Journal of Polymer Science Part A, 2019, 57, 1664-1669.	2.5	17
147	Rational Design of Acyldiphenylphosphine Oxides as Photoinitiators of Radical Polymerization. Macromolecules, 2019, 52, 7886-7893.	2.2	43
148	Bisphosphonic Acidâ€Functionalized Waterâ€Soluble Photoinitiators. Macromolecular Chemistry and Physics, 2019, 220, 1900268.	1.1	11
149	Fillers as Heaters for Photothermal Polymerization upon NIR Light. Macromolecular Rapid Communications, 2019, 40, e1900495.	2.0	28
150	Reactivity of Bâ€Xanthyl Nâ€Heterocyclic Carbeneâ€Boranes. Helvetica Chimica Acta, 2019, 102, e1900198.	1.0	3
151	1â€Arylâ€2â€(triisopropylsilyl)ethaneâ€1,2â€diones: Toward a New Class of Visible Type I Photoinitiators for Free Radical Polymerization of Methacrylates. Macromolecular Rapid Communications, 2019, 40, 1900319.	2.0	16
152	Aryliodonium Ylides as Novel and Efficient Additives for Radical Chemistry: Example in Camphorquinone (CQ)/Amine Based Photoinitiating Systems. Molecules, 2019, 24, 2913.	1.7	17
153	Effect of Zeolite Fillers on the Photopolymerization Kinetics for Photocomposites and Lithography. ACS Applied Polymer Materials, 2019, 1, 2854-2861.	2.0	27
154	Ascorbic Acid Derivatives as Potential Substitutes for Ascorbic Acid To Reduce Color Degradation of Drinks Containing Ascorbic Acid and Anthocyanins from Natural Extracts. Journal of Agricultural and Food Chemistry, 2019, 67, 12061-12071.	2.4	21
155	Coumarin derivatives as versatile photoinitiators for 3D printing, polymerization in water and photocomposite synthesis. Polymer Chemistry, 2019, 10, 872-884.	1.9	100
156	Visible-light-mediated Î±-phosphorylation of <i>N</i>-aryl tertiary amines through the formation of electron-donorâ€“acceptor complexes: synthetic and mechanistic studies. Organic Chemistry Frontiers, 2019, 6, 41-44.	2.3	66
157	New hybrid polyoxometalate/polymer composites for photodegradation of eosin dye. Journal of Polymer Science Part A, 2019, 57, 1538-1549.	2.5	26
158	Photoinitiation Mechanism and Ability of Monoaminoâ€Substituted Anthraquinone Derivatives as Cationic Photoinitiators of Polymerization under LEDs. Macromolecular Rapid Communications, 2019, 40, e1900234.	2.0	28
159	Silyl glyoxylates as highâ€performance photoinitiators for cationic and hybrid polymerizations: Towards better polymer mechanical properties. Journal of Polymer Science Part A, 2019, 57, 1420-1429.	2.5	19
160	Silane Based Redox Initiating Systems: Toward a Safer Amine-Free, Peroxide-Free, and Metal-Free Approach. Macromolecules, 2019, 52, 3351-3358.	2.2	12
161	Redox two-component initiated free radical and cationic polymerizations: Concepts, reactions and applications. Progress in Polymer Science, 2019, 94, 33-56.	11.8	56
162	Iodinated Polystyrene for Polymeric Charge Transfer Complexes: Toward High-Performance Near-UV and Visible Light Macrophotoinitiators. Macromolecules, 2019, 52, 3448-3453.	2.2	24

#	Article	IF	Citations
163	Thermal and Photochemical Stability of Anthocyanins from Black Carrot, Grape Juice, and Purple Sweet Potato in Model Beverages in the Presence of Ascorbic Acid. Journal of Agricultural and Food Chemistry, 2019, 67, 5647-5660.	2.4	47
164	Simultaneous initiation of radical and cationic polymerization reactions using the â€œG1â€•copper complex as photoredox catalyst: Applications of free radical/cationic hybrid photopolymerization in the composites and 3D printing fields. Progress in Organic Coatings, 2019, 132, 50-61.	1.9	58
165	Amphiphilic polymer coated nanodiamonds: a promising platform to deliver azonafide. Polymer Chemistry, 2019, 10, 1904-1911.	1.9	7
166	Citral Photodegradation in Solution: Highlighting of a Radical Pathway in Parallel to Cyclization Pathway. Journal of Agricultural and Food Chemistry, 2019, 67, 3752-3760.	2.4	13
167	Ferrocene-based (photo)redox polymerization under long wavelengths. Polymer Chemistry, 2019, 10, 1431-1441.	1.9	53
168	Charge Transfer Complexes as Dual Thermal and Photochemical Polymerization Initiators for 3D Printing and Composites Synthesis. ACS Applied Polymer Materials, 2019, 1, 561-570.	2.0	30
169	Different NIR dye scaffolds for polymerization reactions under NIR light. Polymer Chemistry, 2019, 10, 6505-6514.	1.9	70
170	Phenothiazine derivatives as photoredox catalysts for cationic and radical photosensitive resins for 3D printing technology and photocomposite synthesis. Polymer Chemistry, 2019, 10, 6145-6156.	1.9	65
171	Thioxanthone-functionalized 1,6-heptadiene as monomeric photoinitiator. Progress in Organic Coatings, 2019, 128, 148-156.	1.9	32
172	Photopolymerization under various monochromatic UV/visible LEDs and IR lamp: Diamino-anthraquinone derivatives as versatile multicolor photoinitiators. European Polymer Journal, 2019, 112, 591-600.	2.6	24
173	Ï€-Conjugated Dithienophosphole Derivatives as High Performance Photoinitiators for 3D Printing Resins. Macromolecules, 2018, 51, 1811-1821.	2.2	53
174	Metal Acetylacetonateâ€“Bidentate Ligand Interaction (MABLI) as highly efficient free radical generating systems for polymer synthesis. Polymer Chemistry, 2018, 9, 1371-1378.	1.9	17
175	Multihydroxyâ€Anthraquinone Derivatives as Free Radical and Cationic Photoinitiators of Various Photopolymerizations under Green LED. Macromolecular Rapid Communications, 2018, 39, e1800172.	2.0	28
176	High Performance Near-Infrared (NIR) Photoinitiating Systems Operating under Low Light Intensity and in the Presence of Oxygen. Macromolecules, 2018, 51, 1314-1324.	2.2	152
177	Copper-Based (Photo)redox Initiating Systems as Highly Efficient Systems for Interpenetrating Polymer Network Preparation. Macromolecules, 2018, 51, 679-688.	2.2	39
178	Monitoring photopolymerization reactions through thermal imaging: A unique tool for the realâ€time followâ€up of thick samples, 3D printing, and composites. Journal of Polymer Science Part A, 2018, 56, 889-899.	2.5	27
179	A novel class of photoinitiators with a thermally activated delayed fluorescence (TADF) property. New Journal of Chemistry, 2018, 42, 8261-8270.	1.4	29
180	Light-Sensitive Alkoxyamines as Versatile Spatially- and Temporally- Controlled Precursors of Alkyl Radicals and Nitroxides. Journal of the American Chemical Society, 2018, 140, 3339-3344.	6.6	22

#	Article	IF	Citations
181	Homogenous photopolymerization of acrylic monomers initiated with ZnO-methacrylate in non-aqueous medium and production of luminescent nanocomposites. Polymer Chemistry, 2018, 9, 828-833.	1.9	13
182	<i>N</i>-[2-(Dimethylamino)ethyl]-1,8-naphthalimide derivatives as photoinitiators under LEDs. Polymer Chemistry, 2018, 9, 994-1003.	1.9	69
183	Paprika, Gallic Acid, and Visible Light: The Green Combination for the Synthesis of Biocide Coatings. ACS Sustainable Chemistry and Engineering, 2018, 6, 104-109.	3.2	41
184	Charge Transfer Complexes as Pan-Scaled Photoinitiating Systems: From 50 Î¼m 3D Printed Polymers at 405 nm to Extremely Deep Photopolymerization (31 cm). Macromolecules, 2018, 51, 57-70.	2.2	93
185	Delivery of Amonafide from Fructose-Coated Nanodiamonds by Oxime Ligation for the Treatment of Human Breast Cancer. Biomacromolecules, 2018, 19, 481-489.	2.6	42
186	Metal Acetylacetonateâ€"Bidentate Ligand Interaction (MABLI) (Photo)activated Polymerization: Toward High Performance Amine-Free, Peroxide-Free Redox Radical (Photo)initiating Systems. Macromolecules, 2018, 51, 2706-2715.	2.2	13
187	Stable copper acetylacetonate-based oxidizing agents in redox (NIR photoactivated) polymerization: an opportunity for the one pot <i>grafting from</i> approach and an example on a 3D printed object. Polymer Chemistry, 2018, 9, 2173-2182.	1.9	24
188	Carbazole-based compounds as photoinitiators for free radical and cationic polymerization upon near visible light illumination. Photochemical and Photobiological Sciences, 2018, 17, 578-585.	1.6	51
189	Naphthalimideâ€Tertiary Amine Derivatives as Blueâ€Lightâ€Sensitive Photoinitiators. ChemPhotoChem, 2018, 2, 481-489.	1.5	47
190	Visibleâ€Light Emulsion Photopolymerization of Styrene. Angewandte Chemie, 2018, 130, 969-973.	1.6	11
191	Acridone derivatives as high performance visible light photoinitiators for cationic and radical photosensitive resins for 3D printing technology and for low migration photopolymer property. Polymer, 2018, 159, 47-58.	1.8	60
192	A Second-Generation Chameleon N-Heterocyclic Carbeneâ€"Borane Coinitiator for the Visible-Light Oxygen-Resistant Photopolymerization of Both Organic and Water-Compatible Resins. Macromolecules, 2018, 51, 9730-9739.	2.2	15
193	Organometallic vs organic photoredox catalysts for photocuring reactions in the visible region. Beilstein Journal of Organic Chemistry, 2018, 14, 3025-3046.	1.3	40
194	Disubstituted Aminoanthraquinone-Based Photoinitiators for Free Radical Polymerization and Fast 3D Printing under Visible Light. Macromolecules, 2018, 51, 10104-10112.	2.2	38
195	Ultrafast Epoxyâ€"Amine Photopolyaddition. Macromolecules, 2018, 51, 10230-10236.	2.2	16
196	3-Hydroxyflavone and N-phenylglycine in High Performance Photoinitiating Systems for 3D Printing and Photocomposites Synthesis. Journal of Material Science & Engineering, 2018, 07, .	0.2	0
197	Disubstituted Aminoanthraquinone-Based Multicolor Photoinitiators: Photoinitiation Mechanism and Ability of Cationic Polymerization under Blue, Green, Yellow, and Red LEDs. Macromolecules, 2018, 51, 8165-8173.	2.2	31
198	Photochemical, Thermal Free Radical, and Cationic Polymerizations Promoted by Charge Transfer Complexes: Simple Strategy for the Fabrication of Thick Composites. Macromolecules, 2018, 51, 7872-7880.	2.2	47

#	Article	IF	Citations
199	Radical Cations in Versatile High Performance Initiating Systems for Thermal, Redox, and Photopolymerizations. Macromolecules, 2018, 51, 8899-8911.	2.2	16
200	Performance analysis of the solidification of acrylic esters photo-initiated by systematically modified ZnO nanoparticles. Polymer, 2018, 158, 83-89.	1.8	12
201	Photoinduced Thermal Polymerization Reactions. Macromolecules, 2018, 51, 8808-8820.	2.2	63
202	New Synthetic Route to an Highly Efficient Photoredox Catalyst by Mechanosynthesis. ACS Omega, 2018, 3, 10938-10944.	1.6	17
203	Bulk Polymerization Photoâ€Initiator ZnO: Increasing of the Benzoyl Formic Acid Concentration and LED Illumination. Macromolecular Chemistry and Physics, 2018, 219, 1800208.	1.1	7
204	Visible-Light-Mediated Metal-Free Synthesis of Aryl Phosphonates: Synthetic and Mechanistic Investigations. Organic Letters, 2018, 20, 4164-4167.	2.4	65
205	Novel applications of fluorescent brighteners in aqueous visible-light photopolymerization: high performance water-based coating and LED-assisted hydrogel synthesis. Polymer Chemistry, 2018, 9, 3952-3958.	1.9	12
206	Charge-Transfer Complexes as New Inhibitors/Photoinitiators for On-Demand Amine/Peroxide Redox Polymerization. ACS Omega, 2018, 3, 6827-6832.	1.6	16
207	Difluorination at Boron Leads to the First Electrophilic Ligated Boryl Radical (NHCâ€BF 2 .). Angewandte Chemie, 2018, 130, 10408-10413.	1.6	9
208	Visible Light Chiral Photoinitiator for Radical Polymerization and Synthesis of Polymeric Films with Strong Chiroptical Activity. Macromolecules, 2018, 51, 5628-5637.	2.2	40
209	<i>N</i>-Phenylglycine as a Versatile Photoinitiator under Near-UV LED. Macromolecules, 2018, 51, 3767-3773.	2.2	32
210	Peroxide-Free and Amine-Free Redox Free Radical Polymerization: Metal Acetylacetonates/Stable Carbonyl Compounds for Highly Efficient Synthesis of Composites. Macromolecules, 2018, 51, 6395-6404.	2.2	10
211	3-Hydroxyflavone and <i>N</i>-Phenylglycine in High Performance Photoinitiating Systems for 3D Printing and Photocomposites Synthesis. Macromolecules, 2018, 51, 4633-4641.	2.2	85
212	Difluorination at Boron Leads to the First Electrophilic Ligated Boryl Radical (NHCâ€BF₂[.]). Angewandte Chemie - International Edition, 2018, 57, 10251-10256.	7.2	20
213	Visibleâ€Light Emulsion Photopolymerization of Styrene. Angewandte Chemie - International Edition, 2018, 57, 957-961.	7.2	37
214	How to Design Novel Photoinitiators for Blue Light. RSC Polymer Chemistry Series, 2018, , 179-199.	0.1	7
215	Zinc Tetraphenylporphyrin as High Performance Visible Light Photoinitiator of Cationic Photosensitive Resins for LED Projector 3D Printing Applications. Macromolecules, 2017, 50, 746-753.	2.2	99
216	Azahelicenes as visible light photoinitiators for cationic and radical polymerization: Preparation of photoluminescent polymers and use in high performance LED projector 3D printing resins. Journal of Polymer Science Part A, 2017, 55, 1189-1199.	2.5	82

#	Article	IF	Citations
217	A low migration phosphine to overcome the oxygen inhibition in new high performance photoinitiating systems for photocurable dental type resins. Polymer International, 2017, 66, 504-511.	1.6	40
218	Investigation into the mechanism of photo-mediated RAFT polymerization involving the reversible photolysis of the chain-transfer agent. Polymer Chemistry, 2017, 8, 1760-1770.	1.9	47
219	New violet to yellow light sensitive diketo pyrroloâ€“pyrrole photoinitiators: high performance systems with unusual bleaching properties and solubility in water. Polymer Chemistry, 2017, 8, 2028-2040.	1.9	27
220	Copper (Photo)redox Catalyst for Radical Photopolymerization in Shadowed Areas and Access to Thick and Filled Samples. Macromolecules, 2017, 50, 3761-3771.	2.2	66
221	Copper photoredox catalysts for polymerization upon near UV or visible light: structure/reactivity/efficiency relationships and use in LED projector 3D printing resins. Polymer Chemistry, 2017, 8, 568-580.	1.9	93
222	New copper(i) complex based initiating systems in redox polymerization and comparison with the amine/benzoyl peroxide reference. Polymer Chemistry, 2017, 8, 4088-4097.	1.9	46
223	ZnO nanoparticles as polymerisation photo-initiator: Levulinic acid/NaOH content variation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 189-194.	2.3	16
224	Carbazole Scaffold Based Photoinitiator/Photoredox Catalysts: Toward New High Performance Photoinitiating Systems and Application in LED Projector 3D Printing Resins. Macromolecules, 2017, 50, 2747-2758.	2.2	121
225	Mechanosynthesis of a Copper complex for redox initiating systems with a unique near infrared light activation. Journal of Polymer Science Part A, 2017, 55, 3646-3655.	2.5	50
226	Silyl Glyoxylates as a New Class of High Performance Photoinitiators: Blue LED Induced Polymerization of Methacrylates in Thin and Thick Films. Macromolecules, 2017, 50, 6911-6923.	2.2	47
227	Mechanosynthesized copper(i) complex based initiating systems for redox polymerization: towards upgraded oxidizing and reducing agents. Polymer Chemistry, 2017, 8, 5884-5896.	1.9	46
228	Design of novel photobase generators upon violet LEDs and use in photopolymerization reactions. Polymer, 2017, 124, 151-156.	1.8	17
229	Copper photoredox catalyst â€œG1â€: a new high performance photoinitiator for near-UV and visible LEDs. Polymer Chemistry, 2017, 8, 5580-5592.	1.9	62
230	Photopolymerization processes of thick films and in shadow areas: a review for the access to composites. Polymer Chemistry, 2017, 8, 7088-7101.	1.9	145
231	Carbazole Derivatives with Thermally Activated Delayed Fluorescence Property as Photoinitiators/Photoredox Catalysts for LED 3D Printing Technology. Macromolecules, 2017, 50, 4913-4926.	2.2	100
232	Development of Novel Photoinitiators as Substitutes of Camphorquinone for the LED Induced Polymerization of Methacrylates: A Bisâ€Silyl Ketone. Macromolecular Rapid Communications, 2017, 38, 1600470.	2.0	16
233	Novel Carbazole Skeleton-Based Photoinitiators for LED Polymerization and LED Projector 3D Printing. Molecules, 2017, 22, 2143.	1.7	60
234	Cationic Photoinitiators for Near UV and Visible LEDs: A Particular Insight into Oneâ€Component Systems. Macromolecular Chemistry and Physics, 2016, 217, 1214-1227.	1.1	27

#	Article	IF	Citations
235	Photocatalysts in Polymerization Reactions. ChemCatChem, 2016, 8, 1617-1631.	1.8	136
236	New role of aminothiazonaphthalimide derivatives: outstanding photoinitiators for cationic and radical photopolymerizations under visible LEDs. RSC Advances, 2016, 6, 48684-48693.	1.7	25
237	On-Demand Visible Light Activated Amine/Benzoyl Peroxide Redox Initiating Systems: A Unique Tool To Overcome the Shadow Areas in Photopolymerization Processes. Macromolecules, 2016, 49, 9371-9381.	2.2	61
238	Metal-Free, Visible Light-Photocatalyzed Synthesis of Benzo[<i>b</i>]phosphole Oxides: Synthetic and Mechanistic Investigations. Journal of the American Chemical Society, 2016, 138, 7436-7441.	6.6	273
239	A novel photoinitiating system producing germyl radicals for the polymerization of representative methacrylate resins: Camphorquinone/R 3 GeH/iodonium salt. Dental Materials, 2016, 32, 1226-1234.	1.6	30
240	A New Highly Efficient Amine-Free and Peroxide-Free Redox System for Free Radical Polymerization under Air with Possible Light Activation. Macromolecules, 2016, 49, 6296-6309.	2.2	62
241	A novel naphthalimide scaffold based iodonium salt as a one-component photoacid/photoinitiator for cationic and radical polymerization under LED exposure. Polymer Chemistry, 2016, 7, 5873-5879.	1.9	75
242	Development of a Robust Photocatalyzed ATRP Mechanism Exhibiting Good Tolerance to Oxygen and Inhibitors. Macromolecules, 2016, 49, 7653-7666.	2.2	76
243	Polymeric Photoinitiators: A New Search toward High Performance Visible Light Photoinitiating Systems. Macromolecular Chemistry and Physics, 2016, 217, 2145-2153.	1.1	21
244	Organic Electronics: An El Dorado in the Quest of New Photocatalysts for Polymerization Reactions. Accounts of Chemical Research, 2016, 49, 1980-1989.	7.6	81
245	One-component thioxanthone-based polymeric photoinitiators. Journal of Polymer Science Part A, 2016, 54, 3370-3378.	2.5	32
246	<i>Meta</i>-Terphenyl Derivative/Iodonium Salt/9H-Carbazole-9-ethanol Photoinitiating Systems for Free Radical Promoted Cationic Polymerization upon Visible Lights. Macromolecular Chemistry and Physics, 2016, 217, 1955-1965.	1.1	34
247	Dihydroxyanthraquinone derivatives: natural dyes as blue-light-sensitive versatile photoinitiators of photopolymerization. Polymer Chemistry, 2016, 7, 7316-7324.	1.9	74
248	Metal-Free Synthesis of 6-Phosphorylated Phenanthridines: Synthetic and Mechanistic Insights. Organic Letters, 2016, 18, 5900-5903.	2.4	57
249	Iron complexes as potential photocatalysts for controlled radical photopolymerizations: A tool for modifications and patterning of surfaces. Journal of Polymer Science Part A, 2016, 54, 702-713.	2.5	71
250	Aminothiazonaphthalic anhydride derivatives as photoinitiators for violet/blue LEDâ€Induced cationic and radical photopolymerizations and 3Dâ€Printing resins. Journal of Polymer Science Part A, 2016, 54, 1189-1196.	2.5	28
251	Structure-reactivity relationships of novel monomeric photoinitiators. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 77-87.	2.0	18
252	Fluorescent Brighteners as Visible LED-Light Sensitive Photoinitiators for Free Radical Photopolymerizations. Macromolecular Rapid Communications, 2016, 37, 840-844.	2.0	19

#	Article	IF	Citations
253	Novel naphthalimideâ€“amine based photoinitiators operating under violet and blue LEDs and usable for various polymerization reactions and synthesis of hydrogels. Polymer Chemistry, 2016, 7, 418-429.	1.9	76
254	The carbazole-bound ferrocenium salt as a specific cationic photoinitiator upon near-UV and visible LEDs (365â€“405Ânm). Polymer Bulletin, 2016, 73, 493-507.	1.7	56
255	Panchromatic photoinitiators for radical, cationic and thiol-ene polymerization reactions: A search in the diketopyrrolopyrrole or indigo dye series. Materials Today Communications, 2015, 4, 101-108.	0.9	39
256	Specific cationic photoinitiators for near UV and visible LEDs: Iodonium versus ferrocenium structures. Journal of Applied Polymer Science, 2015, 132, .	1.3	81
257	Naphthalimide Derivatives: Substituent Effects on the Photoinitiating Ability in Polymerizations under Near UV, Purple, White and Blue LEDs (385, 395, 405, 455, or 470 nm). Macromolecular Chemistry and Physics, 2015, 216, 1782-1790.	1.1	52
258	The Camphorquinone/Amine and Camphorquinone/Amine/Phosphine Oxide Derivative Photoinitiating Systems: Overview, Mechanistic Approach, and Role of the Excitation Light Source. Macromolecular Chemistry and Physics, 2015, 216, 2161-2170.	1.1	40
259	Naphthalimideâ€phthalimide derivative based photoinitiating systems for polymerization reactions under blue lights. Journal of Polymer Science Part A, 2015, 53, 665-674.	2.5	55
260	Influence of Electronic Effects on the Reactivity of Triazolylideneâ€Boryl Radicals: Consequences for the use of Nâ€Heterocyclic Carbene Boranes in Organic and Polymer Synthesis. Chemistry - A European Journal, 2015, 21, 13772-13777.	1.7	12
261	<i>N</i>â€Vinylcarbazole as Versatile Photoinaddimer of Photopolymerization under Household UV LED Bulb (392 nm). Macromolecular Rapid Communications, 2015, 36, 1675-1680.	2.0	37
262	Naphthalic anhydride derivatives: Structural effects on their initiating abilities in radical and/or cationic photopolymerizations under visible light. Journal of Polymer Science Part A, 2015, 53, 2860-2866.	2.5	10
263	Recent Developments of Versatile Photoinitiating Systems for Cationic Ring Opening Polymerization Operating at Any Wavelengths and under Low Light Intensity Sources. Molecules, 2015, 20, 7201-7221.	1.7	86
264	A new role of curcumin: as a multicolor photoinitiator for polymer fabrication under household UV to red LED bulbs. Polymer Chemistry, 2015, 6, 5053-5061.	1.9	95
265	A benzophenoneâ€naphthalimide derivative as versatile photoinitiator of polymerization under near <scp>UV</scp> and visible lights. Journal of Polymer Science Part A, 2015, 53, 445-451.	2.5	95
266	A dinuclear gold(<scp>i</scp>) complex as a novel photoredox catalyst for light-induced atom transfer radical polymerization. Polymer Chemistry, 2015, 6, 4605-4611.	1.9	85
267	Photocatalyzed Cu-Based ATRP Involving an Oxidative Quenching Mechanism under Visible Light. Macromolecules, 2015, 48, 1972-1980.	2.2	99
268	LEDâ€Induced Polymerization (385, 405, and 455 nm) Using Starâ€Shaped Tris(4â€(thiophenâ€2â€yl)phenyl)amine Derivatives as Lightâ€Harvesting Photoinitiators. Macromolecular Chemistry and Physics, 2015, 216, 218-227.	1.1	23
269	Photopolymerization upon LEDs: new photoinitiating systems and strategies. Polymer Chemistry, 2015, 6, 3895-3912.	1.9	346
270	Structure Design of Naphthalimide Derivatives: Toward Versatile Photoinitiators for Near-UV/Visible LEDs, 3D Printing, and Water-Soluble Photoinitiating Systems. Macromolecules, 2015, 48, 2054-2063.	2.2	172

#	ARTICLE	IF	CITATIONS
271	Iodoniumâ€polyoxometalate and thianthreniumâ€polyoxometalate as new oneâ€component <scp>UV</scp> photoinitiators for radical and cationic polymerization. Journal of Polymer Science Part A, 2015, 53, 981-989.	2.5	32
272	Novel panchromatic photopolymerizable matrices:<i>N</i>,<i>N</i>'-dibutylquinacridone as an efficient and versatile photoinitiator. Journal of Polymer Science Part A, 2015, 53, 1719-1727.	2.5	35
273	Endogenous Stable Radicals for Characterization of Thermally Carbonized Porous Silicon by Solid-State Dynamic Nuclear Polarization ¹³C NMR. Journal of Physical Chemistry C, 2015, 119, 19272-19278.	1.5	23
274	UV-Induced Micropatterning of Complex Functional Surfaces by Photopolymerization Controlled by Alkoxyamines. Langmuir, 2015, 31, 10026-10036.	1.6	27
275	Blue LED light-sensitive benzo pyrazolo (or imidazo) isoquinolinone derivatives in high-performance photoinitiating systems for polymerization reactions. Journal of Polymer Science Part A, 2015, 53, 567-575.	2.5	16
276	Photoredox catalysis using a new iridium complex as an efficient toolbox for radical, cationic and controlled polymerizations under soft blue to green lights. Polymer Chemistry, 2015, 6, 613-624.	1.9	87
277	Amino and nitro substituted 2-amino-1H-benzo[de]isoquinoline-1,3(2H)-diones: as versatile photoinitiators of polymerization from violet-blue LED absorption to a panchromatic behavior. Polymer Chemistry, 2015, 6, 1171-1179.	1.9	47
278	Visible light sensitive photoinitiating systems: Recent progress in cationic and radical photopolymerization reactions under soft conditions. Progress in Polymer Science, 2015, 41, 32-66.	11.8	463
279	Thiophene Derivatives with Donorâ€"Ï€â€"Acceptor Structures for Enhanced Lightâ€Absorption Properties and Efficient Cationic Polymerization upon Greenâ€Light Irradiation. Macromolecular Chemistry and Physics, 2014, 215, 1514-1524.	1.1	11
280	Michler's Ketone as an Interesting Scaffold for the Design of Highâ€Performance Dyes in Photoinitiating Systems Upon Visible Light. Macromolecular Chemistry and Physics, 2014, 215, 783-790.	1.1	34
281	Nitroxide Mediated Photopolymerization: A Versatile Tool for the Fabrication of Complex Multilayer Polyfunctional Copolymer Nanostructures. Advanced Materials Interfaces, 2014, 1, 1400067.	1.9	25
282	Photochemical Production of Interpenetrating Polymer Networks; Simultaneous Initiation of Radical and Cationic Polymerization Reactions. Polymers, 2014, 6, 2588-2610.	2.0	71
283	Chalcone derivatives as highly versatile photoinitiators for radical, cationic, thiolâ€"ene and IPN polymerization reactions upon exposure to visible light. Polymer Chemistry, 2014, 5, 382-390.	1.9	81
284	Diketopyrrolopyrrole dyes: Structure/reactivity/efficiency relationship in photoinitiating systems upon visible lights. Polymer, 2014, 55, 746-751.	1.8	48
285	Perylene derivatives as photoinitiators in blue light sensitive cationic or radical curable films and panchromatic thiol-ene polymerizable films. European Polymer Journal, 2014, 53, 215-222.	2.6	62
286	Design of Novel Photoinitiators for Radical and Cationic Photopolymerizations under Near UV and Visible LEDs (385, 395, and 405 nm).. Macromolecules, 2014, 47, 2811-2819.	2.2	98
287	Structural Effects in the Indanedione Skeleton for the Design of Low Intensity 300â€"500 nm Light Sensitive Initiators.. Macromolecules, 2014, 47, 26-34.	2.2	83
288	Green light sensitive diketopyrrolopyrrole derivatives used in versatile photoinitiating systems for photopolymerizations. Polymer Chemistry, 2014, 5, 2293.	1.9	80

#	Article	IF	Citations
289	UV-violet-blue LED induced polymerizations: Specific photoinitiating systems at 365, 385, 395 and 405Ânm. Polymer, 2014, 55, 6641-6648.	1.8	54
290	Zinc complex based photoinitiating systems for acrylate polymerization under air; in situ formation of Zn-based fillers and composites. Polymer Chemistry, 2014, 5, 6569-6576.	1.9	14
291	A known photoinitiator for a novel technology: 2-(4-methoxystyryl)-4,6-bis(trichloromethyl)-1,3,5-triazine for near UV or visible LED. Polymer Chemistry, 2014, 5, 6019-6026.	1.9	36
292	Chapter 8. Recent advances in photoinduced polymerization reactions under 400â€“700 nm light. Photochemistry, 2014, , 215-232.	0.2	16
293	Green Photoinduced Modification of Natural Poly(3-hydroxybutyrate-<i>co</i>-3-hydroxyvalerate) Surface for Antibacterial Applications. ACS Sustainable Chemistry and Engineering, 2014, 2, 996-1006.	3.2	26
294	Julolidine or Fluorenone Based Pushâ€“Pull Dyes for Polymerization upon Soft Polychromatic Visible Light or Green Light.. Macromolecules, 2014, 47, 106-112.	2.2	91
295	Blue Light Sensitive Dyes for Various Photopolymerization Reactions: Naphthalimide and Naphthalic Anhydride Derivatives.. Macromolecules, 2014, 47, 601-608.	2.2	106
296	End capped polyenic structures as visible light sensitive photoinitiators for polymerization of vinylethers. Dyes and Pigments, 2014, 105, 121-129.	2.0	36
297	Copper Complexes in Radical Photoinitiating Systems: Applications to Free Radical and Cationic Polymerization upon Visible LEDs. Macromolecules, 2014, 47, 3837-3844.	2.2	150
298	Metal and metal-free photocatalysts: mechanistic approach and application as photoinitiators of photopolymerization. Beilstein Journal of Organic Chemistry, 2014, 10, 863-876.	1.3	87
299	Photoinitiating systems of polymerization and in situ incorporation of metal nanoparticles into polymer matrices upon exposure to visible light: pushâ€“pull malonate and malononitrile based dyes. Polymer Chemistry, 2013, 4, 5679.	1.9	55
300	Difunctional acridinediones as photoinitiators of polymerization under UV andÂvisible lights: Structural effects. Polymer, 2013, 54, 3458-3466.	1.8	57
301	Mechanistic and Preparative Studies of Radical Chain Homolytic Substitution Reactions of N-Heterocyclic Carbene Boranes and Disulfides. Journal of the American Chemical Society, 2013, 135, 10484-10491.	6.6	71
302	Cationic and Thiolâ€“Ene Photopolymerization upon Red Lights Using Anthraquinone Derivatives as Photoinitiators. Macromolecules, 2013, 46, 6744-6750.	2.2	91
303	New insights into radical and cationic polymerizations upon visible light exposure: role of novel photoinitiator systems based on the pyrene chromophore. Polymer Chemistry, 2013, 4, 1625-1634.	1.9	77
304	Zinc-based metal complexes as new photocatalysts in polymerization initiating systems. European Polymer Journal, 2013, 49, 1040-1049.	2.6	78
305	Soft Photopolymerizations Initiated by Dye-Sensitized Formation of NHC-Boryl Radicals under Visible Light. Macromolecules, 2013, 46, 43-48.	2.2	72
306	Photochemical in situ elaboration of polyoxometalate (Î±-[SiMo12O40]4âˆ’)/polymer hybrid materials. Polymer Chemistry, 2013, 4, 4526.	1.9	26

#	Article	IF	Citations
307	Photopolymerization Reactions: On the Way to a Green and Sustainable Chemistry. Applied Sciences (Switzerland), 2013, 3, 490-514.	1.3	158
308	Naphthalimide based methacrylated photoinitiators in radical and cationic photopolymerization under visible light. Polymer Chemistry, 2013, 4, 5440.	1.9	120
309	Multicolor Photoinitiators for Radical and Cationic Polymerization: Monofunctional vs Polyfunctional Thiophene Derivatives. Macromolecules, 2013, 46, 6786-6793.	2.2	80
310	Variations on the Benzophenone Skeleton: Novel High Performance Blue Light Sensitive Photoinitiating Systems. Macromolecules, 2013, 46, 7661-7667.	2.2	89
311	New chromone based photoinitiators for polymerization reactions under visible light. Polymer Chemistry, 2013, 4, 4234.	1.9	60
312	Panchromatic Photopolymerizable Cationic Films Using Indoline and Squaraine Dye Based Photoinitiating Systems. ACS Macro Letters, 2013, 2, 736-740.	2.3	81
313	New Cleavable Photoinitiator Architecture with Huge Molar Extinction Coefficients for Polymerization in the 340â€“450 nm Range.. Macromolecules, 2013, 46, 736-746.	2.2	78
314	Lightâ€Harvesting Organic Photoinitiators of Polymerization. Macromolecular Rapid Communications, 2013, 34, 239-245.	2.0	85
315	BODIPY derivatives and boranil as new photoinitiating systems of cationic polymerization exhibiting a tunable absorption in the 400â€“600Ânm spectral range. Polymer, 2013, 54, 2071-2076.	1.8	48
316	New pyridinium salts as versatile compounds for dye sensitized photopolymerization. European Polymer Journal, 2013, 49, 567-574.	2.6	54
317	New functionalized aromatic ketones as photoinitiating systems for near visible and visible light induced polymerizations. Polymer, 2013, 54, 2857-2864.	1.8	49
318	A Multicolor Photoinitiator for Cationic Polymerization and Interpenetrated Polymer Network Synthesis: 2,7â€Diâ€‹<i>tert</i>â€butyldimethyldihydropyrene. Macromolecular Rapid Communications, 2013, 34, 1104-1109.	2.0	52
319	Greenâ€Lightâ€Induced Cationic Ring Opening Polymerization Reactions: Peryleneâ€3,4:9,10â€‹<i>bis</i>(Dicarboximide) as Efficient Photosensitizers. Macromolecular Chemistry and Physics, 2013, 214, 1052-1060.	1.1	56
320	Pushâ€“pull (thio)barbituric acid derivatives in dye photosensitized radical and cationic polymerization reactions under 457/473 nm laser beams or blue LEDs. Polymer Chemistry, 2013, 4, 3866.	1.9	92
321	New Pushâ€“Pull Dyes Derived from Michlerâ€™s Ketone For Polymerization Reactions Upon Visible Lights.. Macromolecules, 2013, 46, 3761-3770.	2.2	112
322	Design of new Type I and Type II photoinitiators possessing highly coupled pyreneâ€“ketone moieties. Polymer Chemistry, 2013, 4, 2313.	1.9	91
323	Blue-to-Red Light Sensitive Pushâ€“Pull Structured Photoinitiators: Indanedione Derivatives for Radical and Cationic Photopolymerization Reactions. Macromolecules, 2013, 46, 3332-3341.	2.2	95
324	Formation of N-Heterocyclic Carbeneâ€“Boryl Radicals through Electrochemical and Photochemical Cleavage of the Bâ€“S bond in N-Heterocyclic Carbeneâ€“Boryl Sulfides. Journal of the American Chemical Society, 2013, 135, 16938-16947.	6.6	57

#	Article	IF	Citations
325	Redâ€Lightâ€Induced Cationic Photopolymerization: Perylene Derivatives as Efficient Photoinitiators. Macromolecular Rapid Communications, 2013, 34, 1452-1458.	2.0	77
326	NHC-Boranes: Air- and Water-tolerant Co-initiators for Type II Photopolymerizations. Chimia, 2012, 66, 382.	0.3	19
327	Three-component photoinitiating systems: towards innovative tailor made high performance combinations. RSC Advances, 2012, 2, 2621.	1.7	80
328	A Water-Compatible NHC-Borane: Photopolymerizations in Water and Rate Constants for Elementary Radical Reactions. ACS Macro Letters, 2012, 1, 92-95.	2.3	59
329	Iridium Photocatalysts in Free Radical Photopolymerization under Visible Lights. ACS Macro Letters, 2012, 1, 286-290.	2.3	136
330	Organic Photocatalyst for Polymerization Reactions: 9,10-Bis[(triisopropylsilyl)ethynyl]anthracene. ACS Macro Letters, 2012, 1, 198-203.	2.3	93
331	Tunable Organophotocatalysts for Polymerization Reactions Under Visible Lights.. Macromolecules, 2012, 45, 1746-1752.	2.2	128
332	Iridium complexes incorporating coumarin moiety as catalyst photoinitiators: Towards household green LED bulb and halogen lamp irradiation. Polymer, 2012, 53, 2803-2808.	1.8	94
333	Photopolymerization of Cationic Monomers and Acrylate/Divinylether Blends under Visible Light Using Pyrromethene Dyes. Macromolecules, 2012, 45, 6864-6868.	2.2	75
334	Polarity Reversal Catalysis in Radical Reductions of Halides by N-Heterocyclic Carbene Boranes. Journal of the American Chemical Society, 2012, 134, 5669-5674.	6.6	200
335	Dye photosensitized cationic ring-opening polymerization: Search for new dye skeletons. Polymer, 2012, 53, 4947-4954.	1.8	43
336	On the Use of Bis(cyclopentadienyl)titanium(IV) Dichloride in Visible-Light-Induced Ring-Opening Photopolymerization. Macromolecules, 2012, 45, 356-361.	2.2	27
337	<i>N</i>-Vinylcarbazole: An Additive for Free Radical Promoted Cationic Polymerization upon Visible Light. ACS Macro Letters, 2012, 1, 802-806.	2.3	129
338	Trifunctional Photoinitiators Based on a Triazine Skeleton for Visible Light Source and UV LED Induced Polymerizations. Macromolecules, 2012, 45, 8639-8647.	2.2	81
339	Polyaromatic Structures as Organo-Photoinitiator Catalysts for Efficient Visible Light Induced Dual Radical/Cationic Photopolymerization and Interpenetrated Polymer Networks Synthesis. Macromolecules, 2012, 45, 4454-4460.	2.2	144
340	Photopolymerization of <i>N</i>-Vinylcarbazole Using Visible-Light Harvesting Iridium Complexes as Photoinitiators. Macromolecules, 2012, 45, 4134-4141.	2.2	133
341	Nâ€Heterocyclic Carbene Boranes Accelerate Typeâ€…I Radical Photopolymerizations and Overcome Oxygen Inhibition. Angewandte Chemie - International Edition, 2012, 51, 5958-5961.	7.2	85
342	Household LED irradiation under air: cationic polymerization using iridium or ruthenium complex photocatalysts. Polymer Bulletin, 2012, 68, 341-347.	1.7	42

#	Article	IF	Citations
343	N-Heterocyclic carbene-borane radicals as efficient initiating species of photopolymerization reactions under air. Polymer Chemistry, 2011, 2, 625-631.	1.9	67
344	New thioxanthone and xanthone photoinitiators based on silyl radical chemistry. Polymer Chemistry, 2011, 2, 1077-1084.	1.9	83
345	Structural effects on the photodissociation of alkoxyamines. Organic and Biomolecular Chemistry, 2011, 9, 2892.	1.5	33
346	Recent advances in sunlight induced polymerization: role of new photoinitiating systems based on the silyl radical chemistry. Polymer Chemistry, 2011, 2, 1107-1113.	1.9	74
347	Efficient dual radical/cationic photoinitiator under visible light: a new concept. Polymer Chemistry, 2011, 2, 1986.	1.9	174
348	Silyloxyamines as sources of silyl radicals: ESR spinâ€trapping, laser flash photolysis investigation, and photopolymerization ability. Journal of Physical Organic Chemistry, 2011, 24, 342-350.	0.9	9
349	A Novel Photopolymerization Initiating System Based on an Iridium Complex Photocatalyst. Macromolecular Rapid Communications, 2011, 32, 917-920.	2.0	103
350	Subtle Ligand Effects in Oxidative Photocatalysis with Iridium Complexes: Application to Photopolymerization. Chemistry - A European Journal, 2011, 17, 15027-15031.	1.7	162
351	New Boryl Radicals Derived from Nâ€Heteroaryl Boranes: Generation and Reactivity. Chemistry - A European Journal, 2010, 16, 12920-12927.	1.7	57
352	New Initiating Systems for Thermal Cationic Polymerization at Ambient Temperature with in situ Formation of Ag(0) Nanoparticles: A Silane/Silver Salt Combination. Macromolecular Chemistry and Physics, 2010, 211, 1441-1445.	1.1	45
353	Hâ€“Si Functionalized Silicon Surfaces and Powders as Photoinitiators of Polymerization. Macromolecular Materials and Engineering, 2010, 295, 351-354.	1.7	8
354	Bis(germyl)ketones: Toward a New Class of Type I Photoinitiating Systems Sensitive Above 500 nm?. Macromolecular Rapid Communications, 2010, 31, 473-478.	2.0	35
355	Importance of the Position of the Chromophore Group on the Dissociation Process of Light Sensitive Alkoxyamines. Macromolecular Rapid Communications, 2010, 31, 1909-1913.	2.0	57
356	Near UVâ€“visible light induced cationic photopolymerization reactions: A three component photoinitiating system based on acridinedione/silane/iodonium salt. European Polymer Journal, 2010, 46, 2138-2144.	2.6	46
357	Combination of transition metal carbonyls and silanes: New photoinitiating systems. Journal of Polymer Science Part A, 2010, 48, 1830-1837.	2.5	82
358	Overcoming the oxygen inhibition in the photopolymerization of acrylates: A study of the beneficial effect of triphenylphosphine. Journal of Polymer Science Part A, 2010, 48, 2462-2469.	2.5	81
359	Photosensitized alkoxyamines as bicomponent radical photoinitiators. Journal of Polymer Science Part A, 2010, 48, 2910-2915.	2.5	41
360	Photoinitiation mechanism of free radical photopolymerization in the presence of cyclic acetals and related compounds. Journal of Polymer Science Part A, 2010, 48, 5758-5766.	2.5	81

#	Article	IF	Citations
361	Dyes as Photoinitiators or Photosensitizers of Polymerization Reactions. Materials, 2010, 3, 5130-5142.	1.3	120
362	Toward Nitroxide-Mediated Photopolymerization. Macromolecules, 2010, 43, 2204-2212.	2.2	180
363	Green Chemistry: Sunlight-Induced Cationic Polymerization of Renewable Epoxy Monomers Under Air. Macromolecules, 2010, 43, 1364-1370.	2.2	160
364	On the Favorable Interaction of Metal Centered Radicals with Hydroperoxides for an Enhancement of the Photopolymerization Efficiency Under Air. Macromolecules, 2010, 43, 6608-6615.	2.2	44
365	N-Heterocyclic Carbenesâ^'Borane Complexes: A New Class of Initiators for Radical Photopolymerization. Macromolecules, 2010, 43, 2261-2267.	2.2	123
366	Thiyl Radical Generation in Thiol or Disulfide Containing Photosensitive Systems. Macromolecular Chemistry and Physics, 2009, 210, 311-319.	1.1	44
367	Effect of Lewis base coordination on boryl radical reactivity: investigation using laser flash photolysis and kinetic ESR. Journal of Physical Organic Chemistry, 2009, 22, 986-993.	0.9	49
368	Acylgermanes: Excited state processes and reactivity. Chemical Physics Letters, 2009, 469, 298-303.	1.2	56
369	Long Wavelength Cationic Photopolymerization in Aerated Media: A Remarkable Titanocene/Tris(trimethylsilyl)silane/Onium Salt Photoinitiating System.. Macromolecules, 2009, 42, 8669-8674.	2.2	54
370	Mechanistic Investigation of the Silane, Germane, and Stannane Behavior When Incorporated in Type I and Type II Photoinitiators of Polymerization in Aerated Media. Macromolecules, 2009, 42, 8725-8732.	2.2	86
371	Silyl Radical Chemistry and Conventional Photoinitiators: A Route for the Design of Efficient Systems. Macromolecules, 2009, 42, 6031-6037.	2.2	37
372	Coinitiators Based on Group 14 Elements in Photoinitiating Systems for Radical and Cationic Polymerization.. Macromolecules, 2009, 42, 4464-4469.	2.2	17
373	New Opportunities in Free Radical Photopolymerization and Free Radical Promoted Cationic Polymerization Based on the Silyl Radical Chemistry.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 587-590.	0.1	7
374	Reactivity of Peroxyl Radicals towards Hydrogen Donors: A Kinetic ESR Investigation. Journal of Advanced Oxidation Technologies, 2009, 12, .	0.5	1
375	Freeâ€radicalâ€promoted cationic photopolymerization under visible light in aerated media: New and highly efficient silaneâ€containing initiating systems. Journal of Polymer Science Part A, 2008, 46, 2008-2014.	2.5	117
376	Germanes as efficient coinitiators in radical and cationic photopolymerizations. Journal of Polymer Science Part A, 2008, 46, 3042-3047.	2.5	84
377	Radical and cationic photopolymerization: New pyrylium and thiopyrylium saltâ€based photoinitiating systems. Journal of Polymer Science Part A, 2008, 46, 7369-7375.	2.5	42
378	Electron Spin Resonance Spin Trapping Technique: Application to the Cleavage Process of Photoinitiators. Macromolecular Chemistry and Physics, 2008, 209, 2223-2231.	1.1	84

#	Article	IF	Citations
379	The Silaneâ€ene and Silaneâ€Acrylate Polymerization Process: A New Promising Chemistry?. Macromolecular Rapid Communications, 2008, 29, 804-808.	2.0	26
380	Reactivity and efficiency of difunctional radical photoinitiators. Journal of Applied Polymer Science, 2008, 107, 246-252.	1.3	25
381	Tris(trimethylsilyl)silyl versus tris(trimethylsilyl)germyl: Radical reactivity and oxidation ability. Journal of Organometallic Chemistry, 2008, 693, 3643-3649.	0.8	47
382	Silanes as New Highly Efficient Co-initiators for Radical Polymerization in Aerated Media. Macromolecules, 2008, 41, 2003-2010.	2.2	116
383	New Photoinitiators Based on the Silyl Radical Chemistry: Polymerization Ability, ESR Spin Trapping, and Laser Flash Photolysis Investigation. Macromolecules, 2008, 41, 4180-4186.	2.2	103
384	Boryl Radicals as a New Photoinitiating Species: A Way to Reduce the Oxygen Inhibition. Macromolecules, 2008, 41, 9057-9062.	2.2	49
385	New Photoiniferters: Respective Role of the Initiating and Persistent Radicals. Macromolecules, 2008, 41, 2347-2352.	2.2	52
386	Tris(trimethylsilyl)silane (TTMSS)-Derived Radical Reactivity toward Alkenes:Â A Combined Quantum Mechanical and Laser Flash Photolysis Study. Journal of Organic Chemistry, 2007, 72, 6434-6439.	1.7	71
387	New Highly Efficient Radical Photoinitiators Based on Siâˆ’Si Bond Cleavage. Macromolecules, 2007, 40, 8527-8530.	2.2	57
388	Aminoalkyl Radicals:â€‰ Direct Observation and Reactivity toward Oxygen, 2,2,6,6-Tetramethylpiperidine-<i>N</i>-oxyl, and Methyl Acrylate. Journal of Physical Chemistry A, 2007, 111, 6991-6998.	1.1	98
389	Comparative reactivity of aminyl and aminoalkyl radicals. Chemical Physics Letters, 2007, 438, 346-350.	1.2	39
390	New access to the peroxyl radicals reactivity?. Chemical Physics Letters, 2007, 445, 62-67.	1.2	28
391	Controlled photopolymerization reactions: The reactivity of new photoiniferters. Journal of Polymer Science Part A, 2007, 45, 2436-2442.	2.5	31
392	New sulfur-centered radicals as photopolymerization initiating species. Journal of Polymer Science Part A, 2007, 45, 2494-2502.	2.5	56
393	Search for High Reactivity and Low Selectivity of Radicals toward Double Bonds:Â The Case of a Tetrazole-Derived Thiyl Radical. Journal of Organic Chemistry, 2006, 71, 9723-9727.	1.7	26
394	A New Efficient Photoiniferter forLivingRadical Photopolymerization. Macromolecules, 2006, 39, 8216-8218.	2.2	30
395	Respective Contributions of Polar vs Enthalpy Effects in the Addition/Fragmentation of Mercaptobenzoxazole-Derived Thiyl Radicals and Analogues to Double Bonds. Journal of Physical Chemistry A, 2006, 110, 11605-11612.	1.1	30
396	Generation and reactivity of a lactone derived radical. Chemical Physics Letters, 2006, 429, 282-285.	1.2	5

#	Article	IF	Citations
397	Reactivity of Carbon-Centered Radicals toward Acrylate Double Bonds:â€‰ Relative Contribution of Polar vs Enthalpy Effects. Journal of Physical Chemistry A, 2004, 108, 4326-4334.	1.1	77
398	Nâ˘'H and Î±(Câ˘'H) Bond Dissociation Enthalpies of Aliphatic Amines. Journal of the American Chemical Society, 2002, 124, 9613-9621.	6.6	168
399	Non-vertical energy transfer to oximes: role of structural changes. Physical Chemistry Chemical Physics, 2001, 3, 2721-2722.	1.3	13
400	Triplet State ofO-Acyloximes Studied by Time-Resolved Absorption Spectroscopy. Chemistry Letters, 2000, 29, 1090-1091.	0.7	21