Jacques LalevÃ©e

List of Publications by Year
in descending order

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400	19,657	8159	29081
papers	citations	76 h-index	104 g-index

426	426	426	5701
all docs	docs citations	times ranked	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€a]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

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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	N-Aryl glycines as versatile initiators for various polymerizations. Polymer Chemistry, 2021, 12, 1991-2000.	1.9	10

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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

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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

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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

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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

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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 onmeta-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

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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	In silico 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

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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
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