## frederic Dumur

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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.	5.4	28
2	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.	5.4	25
3	Enantioselective Radical Reactions Using Chiral Catalysts. Chemical Reviews, 2022, 122, 5842-5976.	47.7	136
4	Recent advances on coumarin-based photoinitiators of polymerization. European Polymer Journal, 2022, 163, 110962.	5.4	41
5	Sunlight Induced Polymerization Photoinitiated by Novel Push–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, .	2.2	29
6	Recent advances on visible light Phenothiazine-based photoinitiators of polymerization. European Polymer Journal, 2022, 165, 110999.	5.4	40
7	Interpenetrating polymer network hydrogels using natural based dyes initiating systems: Antibacterial activity and 3D/4D performance. European Polymer Journal, 2022, 166, 111042.	5.4	29
8	Recent advances on visible light Triphenylamine-based photoinitiators of polymerization. European Polymer Journal, 2022, 166, 111036.	5.4	24
9	Safe near infrared light for fast polymers surface sterilization using organic heaters. Materials Chemistry Frontiers, 2022, 6, 1172-1179.	5.9	17
10	Investigation of two-photon polymerized microstructures using fluorescence lifetime measurements. Polymer Chemistry, 2022, 13, 2902-2906.	3.9	6
11	Development of Water-Soluble Type I Photoinitiators for Hydrogel Synthesis. Macromol, 2022, 2, 131-140.	4.4	3
12	Improving Orientation, Packing Density, and Molecular Arrangement in Self-Assembled Monolayers of Bianchoring Ferrocene–Triazole Derivatives by "Click―Chemistry. Langmuir, 2022, 38, 3585-3596.	3.5	6
13	Effect of Decarboxylation on the Photoinitiation Behavior of Nitrocarbazole-Based Oxime Esters. Macromolecules, 2022, 55, 2475-2485.	4.8	31
14	Recent advances on anthracene-based photoinitiators of polymerization. European Polymer Journal, 2022, 169, 111139.	5.4	14
15	5,12â€Dialkylâ€5,12â€dihydroindolo[3,2â€ <i>a</i> ]carbazoleâ€Based Oximeâ€Esters for LED Photoinitiating Sys and Application on 3D Printing. Macromolecular Materials and Engineering, 2022, 307, .	stems	23
16	Recent advances on visible light Thiophene-based photoinitiators of polymerization. European Polymer Journal, 2022, 169, 111120.	5.4	15
17	Push-pull dyes based on Michler's aldehyde: Design and characterization of the optical and electrochemical properties. Dyes and Pigments, 2022, 202, 110278.	3.7	4
18	Zeoliteâ€Reinforced Interpenetrating Polymer Network Initiated by Chalcone Based Photoinitiating System and Their Application in 3D/4D Printing. Advanced Materials Technologies, 2022, 7, .	5.8	8

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19	Water-soluble/visible-light-sensitive naphthalimide derivative-based photoinitiating systems: 3D printing of antibacterial hydrogels. Polymer Chemistry, 2022, 13, 2918-2932.	3.9	20
20	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.	5.4	9
21	Recent advances on visible light pyrrole-derived photoinitiators of polymerization. European Polymer Journal, 2022, 173, 111254.	5.4	19
22	Novel Copper Complexes as Visible Light Photoinitiators for the Synthesis of Interpenetrating Polymer Networks (IPNs). Polymers, 2022, 14, 1998.	4.5	12
23	Recent advances on carbazole-based oxime esters as photoinitiators of polymerization. European Polymer Journal, 2022, 175, 111330.	5.4	30
24	Photothermal activation in the near infrared range for 4-dimensional printing using relevant organic dyes. Additive Manufacturing, 2022, 58, 103031.	3.0	1
25	Photoinitiators of polymerization with reduced environmental impact: Nature as an unlimited and renewable source of dyes. European Polymer Journal, 2021, 142, 110109.	5.4	46
26	Allyloxy ketones as efficient photoinitiators with high migration stability in free radical polymerization and 3D printing. Dyes and Pigments, 2021, 185, 108900.	3.7	39
27	Synthesis, optical and electrochemical properties of a series of push-pull dyes based on the 2-(3-cyano-4,5,5-trimethylfuran-2(5H)-ylidene)malononitrile (TCF) acceptor. Dyes and Pigments, 2021, 184, 108807.	3.7	23
28	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.	5.9	59
29	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.	14.9	43
30	Recent advances on visible light photoinitiators of polymerization based on Indane-1,3-dione and related derivatives. European Polymer Journal, 2021, 143, 110178.	5.4	37
31	Boron Compounds as Additives for the Cationic Polymerization Using Coumarin Derivatives in Epoxy Silicones. Macromolecular Chemistry and Physics, 2021, 222, 2000404.	2.2	24
32	Characterization of polyoxometalate/polymer photoâ€composites: A toolbox for the photodegradation of organic pollutants. Journal of Polymer Science, 2021, 59, 153-169.	3.8	11
33	Synthesis, and the optical and electrochemical properties of a series of push–pull dyes based on the 4-(9-ethyl-9 <i>H</i> -carbazol-3-yl)-4-phenylbuta-1,3-dienyl donor. New Journal of Chemistry, 2021, 45, 5808-5821.	2.8	6
34	D–A dyads and A–D–A triads based on ferrocene: push–pull dyes with unusual behaviours in solution. New Journal of Chemistry, 2021, 45, 13475-13498.	2.8	6
35	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.	3.0	29
36	N-ethyl carbazole-1-allylidene-based push-pull dyes as efficient light harvesting photoinitiators for sunlight induced polymerization. European Polymer Journal, 2021, 147, 110331.	5.4	43

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37	Nearâ€Infrared PhotoInitiating Systems: Photothermal versus Triplet–Triplet Annihilationâ€Based Upconversion Polymerization. Macromolecular Rapid Communications, 2021, 42, e2100047.	3.9	35
38	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.	3.8	27
39	Recent advances on ferrocene-based photoinitiating systems. European Polymer Journal, 2021, 147, 110328.	5.4	40
40	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.	5.4	53
41	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.	3.8	30
42	Polyoxometalate <scp>s</scp> /polymer composites for the photodegradation of <scp>bisphenolâ€A</scp> . Journal of Applied Polymer Science, 2021, 138, 50864.	2.6	21
43	Photopolymerization and 3D/4D applications using newly developed dyes: Search around the natural chalcone scaffold in photoinitiating systems. Dyes and Pigments, 2021, 188, 109213.	3.7	49
44	Nitro arbazole Based Oxime Esters as Dual Photo/Thermal Initiators for 3D Printing and Composite Preparation. Macromolecular Rapid Communications, 2021, 42, e2100207.	3.9	50
45	High-performance sunlight induced polymerization using novel push-pull dyes with high light absorption properties. European Polymer Journal, 2021, 151, 110410.	5.4	38
46	Recent Advances in bis-Chalcone-Based Photoinitiators of Polymerization: From Mechanistic Investigations to Applications. Molecules, 2021, 26, 3192.	3.8	48
47	Dyes with tunable absorption properties from the visible to the near infrared range: 2,4,5,7-Tetranitrofluorene (TNF) as a unique electron acceptor. Dyes and Pigments, 2021, 189, 109250.	3.7	2
48	Recent advances on squaraine-based photoinitiators of polymerization. European Polymer Journal, 2021, 150, 110427.	5.4	30
49	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.	5.4	23
50	Organic dyeâ€based photoinitiating systems for visibleâ€lightâ€induced photopolymerization. Journal of Polymer Science, 2021, 59, 1338-1389.	3.8	49
51	Design of keto-coumarin based photoinitiator for Free Radical Photopolymerization: Towards 3D printing and photocomposites applications. European Polymer Journal, 2021, 154, 110559.	5.4	36
52	Nearâ€infrared light for polymer reâ€shaping and reâ€processing applications. Journal of Polymer Science, 2021, 59, 2193-2200.	3.8	23
53	New hybrid MOF/polymer composites for the photodegradation of organic dyes. European Polymer Journal, 2021, 154, 110560.	5.4	43
54	New hybrid perovskites/polymer composites for the photodegradation of organic dyes. European Polymer Journal, 2021, 157, 110641.	5.4	29

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55	Towards new NIR dyes for free radical photopolymerization processes. Beilstein Journal of Organic Chemistry, 2021, 17, 2067-2076.	2.2	14
56	Panchromatic Copper Complexes for Visible Light Photopolymerization. Photochem, 2021, 1, 167-189.	2.2	21
57	Water-Soluble Visible Light Sensitive Photoinitiating System Based on Charge Transfer Complexes for the 3D Printing of Hydrogels. Polymers, 2021, 13, 3195.	4.5	30
58	Recent advances on chalcone-based photoinitiators of polymerization. European Polymer Journal, 2021, 158, 110688.	5.4	49
59	LED and solar photodecomposition of erythrosine B and rose Bengal using H3PMo12O40/polymer photocatalyst. European Polymer Journal, 2021, 159, 110743.	5.4	19
60	Synthesis, optical and electrochemical properties of a series of push-pull dyes based on the 4,4-bis(4-methoxy phenyl)butadienyl donor. Dyes and Pigments, 2021, 194, 109552.	3.7	4
61	Recent advances on perylene-based photoinitiators of polymerization. European Polymer Journal, 2021, 159, 110734.	5.4	25
62	Click chemistry: An efficient tool to control the functionalization of metallic surfaces with alkyl chains possessing two reactive end groups. Applied Surface Science, 2021, 566, 150731.	6.1	2
63	New multifunctional benzophenone-based photoinitiators with high migration stability and their applications in 3D printing. Materials Chemistry Frontiers, 2021, 5, 1982-1994.	5.9	43
64	Naphthyl-Naphthalimides as High-Performance Visible Light Photoinitiators for 3D Printing and Photocomposites Synthesis. Catalysts, 2021, 11, 1269.	3.5	24
65	Substituent effects on the photoinitiation ability of coumarin-based oxime-ester photoinitiators for free radical photopolymerization. Materials Chemistry Frontiers, 2021, 5, 8361-8370.	5.9	42
66	Mutual influence of gold and silver nanoparticles on Tris-(2,2′bipyridine)-Ru(II) core complexes: Post-functionalization processes, optical and electrochemical investigations. Applied Surface Science, 2020, 499, 143847.	6.1	3
67	Recent advances on carbazole-based photoinitiators of polymerization. European Polymer Journal, 2020, 125, 109503.	5.4	81
68	Freeâ€radical polymerization upon nearâ€infrared light irradiation, merging photochemical and photothermal initiating methods. Journal of Polymer Science, 2020, 58, 300-308.	3.8	30
69	Design of Iodonium Salts for UV or Near-UV LEDs for Photoacid Generator and Polymerization Purposes. Molecules, 2020, 25, 149.	3.8	50
70	New push-pull dyes based on 2-(3-oxo-2,3-dihydro-1H-cyclopenta[b]naphthalen-1-ylidene)malononitrile: An amine-directed synthesis. Dyes and Pigments, 2020, 175, 108182.	3.7	16
71	Molecular engineering in 2D surface covalent organic frameworks: Towards next generation of molecular tectons - A mini review. Synthetic Metals, 2020, 260, 116265.	3.9	7
72	Novel Push–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.	3.5	38

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73	Recent advances on iron-based photoinitiators of polymerization. European Polymer Journal, 2020, 139, 110026.	5.4	25
74	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.	3.8	6
75	Novel ketone derivative-based photoinitiating systems for free radical polymerization under mild conditions and 3D printing. Polymer Chemistry, 2020, 11, 5767-5777.	3.9	38
76	Mono vs. Difunctional Coumarin as Photoinitiators in Photocomposite Synthesis and 3D Printing. Catalysts, 2020, 10, 1202.	3.5	34
77	Novel D–π-A and A–π-D–π-A three-component photoinitiating systems based on carbazole/triphenylamino based chalcones and application in 3D and 4D printing. Polymer Chemistry, 2020, 11, 6512-6528.	3.9	50
78	Novel Photoinitiators Based on Benzophenoneâ€∓riphenylamine Hybrid Structure for LED Photopolymerization. Macromolecular Rapid Communications, 2020, 41, e2000460.	3.9	55
79	Recent Advances on Copper Complexes as Visible Light Photoinitiators and (Photo) Redox Initiators of Polymerization. Catalysts, 2020, 10, 953.	3.5	34
80	Donor–acceptor–donor structured thioxanthone derivatives as visible photoinitiators. Polymer Chemistry, 2020, 11, 7221-7234.	3.9	25
81	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.	3.8	34
82	Ketone derivatives as photoinitiators for both radical and cationic photopolymerizations under visible LED and application in 3D printing. European Polymer Journal, 2020, 132, 109737.	5.4	33
83	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.	3.8	47
84	A monocomponent bifunctional benzophenone–carbazole type II photoinitiator for LED photoinitiating systems. Polymer Chemistry, 2020, 11, 3551-3556.	3.9	72
85	New Donor-Acceptor Stenhouse Adducts as Visible and Near Infrared Light Polymerization Photoinitiators. Molecules, 2020, 25, 2317.	3.8	20
86	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.	4.4	7
87	Thermal Initiators as Additives for Photopolymerization of Methacrylates upon Blue Light. Coatings, 2020, 10, 478.	2.6	10
88	Plasmon-triggered living photopolymerization for elaboration of hybrid polymer/metal nanoparticles. Materials Today, 2020, 40, 38-47.	14.2	16
89	Photoinitiators derived from natural product scaffolds: monochalcones in three-component photoinitiating systems and their applications in 3D printing. Polymer Chemistry, 2020, 11, 4647-4659.	3.9	72
90	On demand NIR activated photopolyaddition reactions. Polymer Chemistry, 2020, 11, 4250-4259.	3.9	39

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91	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.	4.4	23
92	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.	3.9	10
93	Functionalization of Cold Nanoparticles by Inorganic Entities. Nanomaterials, 2020, 10, 548.	4.1	31
94	Monocomponent Photoinitiators based on Benzophenone-Carbazole Structure for LED Photoinitiating Systems and Application on 3D Printing. Polymers, 2020, 12, 1394.	4.5	50
95	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.	3.7	15
96	NIR Sensitizer Operating under Long Wavelength (1064Ânm) for Free Radical Photopolymerization Processes. Macromolecular Rapid Communications, 2020, 41, e2000289.	3.9	59
97	Light-Induced Thermal Decomposition of Alkoxyamines upon Infrared CO <sub>2</sub> Laser: Toward Spatially Controlled Polymerization of Methacrylates in Laser Write Experiments. ACS Omega, 2020, 5, 3043-3046.	3.5	11
98	Recent advances on pyrene-based photoinitiators of polymerization. European Polymer Journal, 2020, 126, 109564.	5.4	67
99	Keto oumarin scaffold for photoinitiators for 3D printing and photocomposites. Journal of Polymer Science, 2020, 58, 1115-1129.	3.8	49
100	<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.	3.9	71
101	Flavones as natural photoinitiators for light mediated freeâ€radical polymerization via light emitting diodes. Journal of Polymer Science, 2020, 58, 254-262.	3.8	25
102	Recent advances in organic dyes and fluorophores comprising a 1,2,3-triazole moiety. New Journal of Chemistry, 2020, 44, 3546-3561.	2.8	55
103	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.	3.5	38
104	Recent advances on naphthalic anhydrides and 1,8-naphthalimide-based photoinitiators of polymerization. European Polymer Journal, 2020, 132, 109702.	5.4	62
105	Design of new phenothiazine derivatives as visible light photoinitiators. Polymer Chemistry, 2020, 11, 3349-3359.	3.9	32
106	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.	3.8	5
107	Recent advances on push–pull organic dyes as visible light photoinitiators of polymerization. European Polymer Journal, 2020, 133, 109797.	5.4	73
108	Metalated porphyrins as versatile visible light and NIR photoinitiators of polymerization. European Polymer Journal, 2020, 139, 110019.	5.4	31

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109	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.	2.3	59
110	New 1,8-Naphthalimide Derivatives as Photoinitiators for Free-Radical Polymerization Upon Visible Light. Catalysts, 2019, 9, 637.	3.5	41
111	Unprecedented Nucleophilic Attack of Piperidine on the Electron Acceptor during the Synthesis of Pushâ€Pull Dyes by a <i>Knoevenagel</i> Reaction. Helvetica Chimica Acta, 2019, 102, e1900229.	1.6	21
112	Fillers as Heaters for Photothermal Polymerization upon NIR Light. Macromolecular Rapid Communications, 2019, 40, e1900495.	3.9	28
113	Recent Advances on Visible Light Metal-Based Photocatalysts for Polymerization under Low Light Intensity. Catalysts, 2019, 9, 736.	3.5	36
114	Coumarin derivatives as versatile photoinitiators for 3D printing, polymerization in water and photocomposite synthesis. Polymer Chemistry, 2019, 10, 872-884.	3.9	100
115	The Role of Surface Plasmon Resonance of Gold Nanoparticles for the Enhancement of Second Harmonic Generation of Nonlinear Chromophores. Inorganics, 2019, 7, 64.	2.7	2
116	New hybrid polyoxometalate/polymer composites for photodegradation of eosin dye. Journal of Polymer Science Part A, 2019, 57, 1538-1549.	2.3	26
117	Diethoxyacetate Salts as Coâ€initiators for Radical Photosensitive Resins: Towards Aromatic Amineâ€Free Systems?. ChemPhotoChem, 2019, 3, 1162-1170.	3.0	5
118	Ferrocene: An unrivaled electroactive building block for the design of push-pull dyes with near-infrared and infrared absorptions. Dyes and Pigments, 2019, 170, 107611.	3.7	29
119	Push-Pull Chromophores Based on the Naphthalene Scaffold: Potential Candidates for Optoelectronic Applications. Materials, 2019, 12, 1342.	2.9	29
120	Redox two-component initiated free radical and cationic polymerizations: Concepts, reactions and applications. Progress in Polymer Science, 2019, 94, 33-56.	24.7	56
121	Simultaneous initiation of radical and cationic polymerization reactions using the "G1―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.	3.9	58
122	Recent Advances on Metal-Based Near-Infrared and Infrared Emitting OLEDs. Molecules, 2019, 24, 1412.	3.8	84
123	Ferrocene-based (photo)redox polymerization under long wavelengths. Polymer Chemistry, 2019, 10, 1431-1441.	3.9	53
124	Recent Advances of Hierarchical and Sequential Growth of Macromolecular Organic Structures on Surface. Materials, 2019, 12, 662.	2.9	16
125	Different NIR dye scaffolds for polymerization reactions under NIR light. Polymer Chemistry, 2019, 10, 6505-6514.	3.9	70
126	Phenothiazine derivatives as photoredox catalysts for cationic and radical photosensitive resins for 3D printing technology and photocomposite synthesis. Polymer Chemistry, 2019, 10, 6145-6156.	3.9	65

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127	Organische PhotosÃ <b>¤</b> ren―und Photobasenbildner für Polymerisationen: Jüngste Fortschritte und Herausforderungen. Angewandte Chemie, 2019, 131, 10518-10531.	2.0	11
128	Recent Advances and Challenges in the Design of Organic Photoacid and Photobase Generators for Polymerizations. Angewandte Chemie - International Edition, 2019, 58, 10410-10422.	13.8	132
129	Ï€-Conjugated Dithienophosphole Derivatives as High Performance Photoinitiators for 3D Printing Resins. Macromolecules, 2018, 51, 1811-1821.	4.8	53
130	Electrochromic behavior of drop-casted thin films combining a semi-conducting polymer mixed with a Keggin-type polyoxometalate. Materials Chemistry and Physics, 2018, 211, 312-320.	4.0	8
131	Metal Acetylacetonate–Bidentate Ligand Interaction (MABLI) as highly efficient free radical generating systems for polymer synthesis. Polymer Chemistry, 2018, 9, 1371-1378.	3.9	17
132	Enediynes bearing polyfluoroaryl sulfoxide as new antiproliferative agents with dual targeting of microtubules and DNA. European Journal of Medicinal Chemistry, 2018, 148, 306-313.	5.5	12
133	High Performance Near-Infrared (NIR) Photoinitiating Systems Operating under Low Light Intensity and in the Presence of Oxygen. Macromolecules, 2018, 51, 1314-1324.	4.8	152
134	Copper-Based (Photo)redox Initiating Systems as Highly Efficient Systems for Interpenetrating Polymer Network Preparation. Macromolecules, 2018, 51, 679-688.	4.8	39
135	A novel class of photoinitiators with a thermally activated delayed fluorescence (TADF) property. New Journal of Chemistry, 2018, 42, 8261-8270.	2.8	29
136	<i>N</i> -[2-(Dimethylamino)ethyl]-1,8-naphthalimide derivatives as photoinitiators under LEDs. Polymer Chemistry, 2018, 9, 994-1003.	3.9	69
137	Metal Acetylacetonate–Bidentate Ligand Interaction (MABLI) (Photo)activated Polymerization: Toward High Performance Amine-Free, Peroxide-Free Redox Radical (Photo)initiating Systems. Macromolecules, 2018, 51, 2706-2715.	4.8	13
138	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.	3.9	24
139	Triphenylamine/oxadiazole hybrids differing by the substitution pattern: Influence on the electroluminescence properties of yellow and green emitting diodes. Synthetic Metals, 2018, 240, 21-29.	3.9	1
140	Carbazole-based compounds as photoinitiators for free radical and cationic polymerization upon near visible light illumination. Photochemical and Photobiological Sciences, 2018, 17, 578-585.	2.9	51
141	Naphthalimideâ€Tertiary Amine Derivatives as Blueâ€Lightâ€Sensitive Photoinitiators. ChemPhotoChem, 2018, 2, 481-489.	3.0	47
142	Surface-Supported Boronic Acid Condensation. , 2018, , 424-435.		0
143	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.	3.8	60
144	Organometallic vs organic photoredox catalysts for photocuring reactions in the visible region. Beilstein Journal of Organic Chemistry, 2018, 14, 3025-3046.	2.2	40

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145	Recent Advances on Nitrofluorene Derivatives: Versatile Electron Acceptors to Create Dyes Absorbing from the Visible to the Near and Far Infrared Region. Materials, 2018, 11, 2425.	2.9	20
146	Photoinduced Thermal Polymerization Reactions. Macromolecules, 2018, 51, 8808-8820.	4.8	63
147	New Synthetic Route to an Highly Efficient Photoredox Catalyst by Mechanosynthesis. ACS Omega, 2018, 3, 10938-10944.	3.5	17
148	Recent advances on organic blue thermally activated delayed fluorescence (TADF) emitters for organic light-emitting diodes (OLEDs). Beilstein Journal of Organic Chemistry, 2018, 14, 282-308.	2.2	159
149	Thermally Activated Delayed Fluorescence Emitters for Deep Blue Organic Light Emitting Diodes: A Review of Recent Advances. Applied Sciences (Switzerland), 2018, 8, 494.	2.5	51
150	Organic Light-Emitting Diodes Based on Phthalimide Derivatives: Improvement of the Electroluminescence Properties. Applied Sciences (Switzerland), 2018, 8, 539.	2.5	5
151	Molecular adaptation in supramolecular self-assembly: brickwall-type phases of indacene-tetrone on silver surfaces. Chemical Communications, 2018, 54, 8510-8513.	4.1	6
152	Visible Light Chiral Photoinitiator for Radical Polymerization and Synthesis of Polymeric Films with Strong Chiroptical Activity. Macromolecules, 2018, 51, 5628-5637.	4.8	40
153	The Orientation of Silver Surfaces Drives the Reactivity and the Selectivity in Homo oupling Reactions. ChemPhysChem, 2018, 19, 1802-1808.	2.1	15
154	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.	4.8	10
155	3-Hydroxyflavone and <i>N</i> -Phenylglycine in High Performance Photoinitiating Systems for 3D Printing and Photocomposites Synthesis. Macromolecules, 2018, 51, 4633-4641.	4.8	85
156	Zinc Tetraphenylporphyrin as High Performance Visible Light Photoinitiator of Cationic Photosensitive Resins for LED Projector 3D Printing Applications. Macromolecules, 2017, 50, 746-753.	4.8	99
157	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.	2.3	82
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