

Jacques Laleve

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

418
papers

14,702
citations

66
h-index

93
g-index

426
ext. papers

17,559
ext. citations

5
avg, IF

7.04
L-index

#	Paper	IF	Citations
418	Organocatalytic PET-RAFT polymerization with a low ppm of organic photocatalyst under visible light. <i>Polymer Chemistry</i> , 2022 , 13, 209-219	4.9	5
417	Comparison of pure epoxy vs. epoxy-anhydride photopolymerization. <i>European Polymer Journal</i> , 2022 , 166, 111031	5.2	1
416	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. <i>European Polymer Journal</i> , 2022 , 165, 111011	5.2	3
415	Interpenetrating polymer network hydrogels using natural based dyes initiating systems: Antibacterial activity and 3D/4D performance. <i>European Polymer Journal</i> , 2022 , 166, 111042	5.2	8
414	Efficacy modeling of new multi-functional benzophenone-based system for free-radical/cationic hybrid-photopolymerization using 405nm LED. <i>Journal of Polymer Research</i> , 2022 , 29, 1	2.7	2
413	Modeling the Enhanced Efficacy and Curing Depth of Photo-Thermal Dual Polymerization in Metal (Fe) Polymer Composites for 3D Printing.. <i>Polymers</i> , 2022 , 14,	4.5	1
412	Development of Water-Soluble Type I Photoinitiators for Hydrogel Synthesis. <i>Macromol</i> , 2022 , 2, 131-140		0
411	A writable aniline-functionalized polydiacetylene composite with obvious colorimetric change upon both heating and near infrared lights irradiation. <i>Polymers for Advanced Technologies</i> , 2022 , 33, 1021-1026	3.2	1
410	Charge Transfer Complexes (CTCs) with Pyridinium Salts: Towards Efficient Dual Photochemical/Thermal Initiators and 3D Printing Applications.. <i>Macromolecular Rapid Communications</i> , 2022 , e2200314	4.8	0
409	Chemical engineering around the 5,12-dihydroindolo[3,2-a]carbazole scaffold: Fine tuning of the optical properties of visible light photoinitiators of polymerization. <i>European Polymer Journal</i> , 2022 , 172, 111218	5.2	3
408	Novel Copper Complexes as Visible Light Photoinitiators for the Synthesis of Interpenetrating Polymer Networks (IPNs). <i>Polymers</i> , 2022 , 14, 1998	4.5	0
407	5,12-Dihydroindolo[3,2-a]carbazole: A promising scaffold for the design of visible light photoinitiators of polymerization. <i>European Polymer Journal</i> , 2021 , 162, 110880	5.2	10
406	Efficacy Analysis of In Situ Synthesis of Nanogold via Copper/Iodonium/Amine/Gold System under a Visible Light. <i>Polymers</i> , 2021 , 13,	4.5	1
405	The new LED-Sensitive photoinitiators of Polymerization: Copper complexes in free radical and cationic photoinitiating systems and application in 3D printing. <i>European Polymer Journal</i> , 2021 , 162, 110885	5.2	6
404	Imidazole based dual photo/thermal initiators for highly efficient radical polymerization under air with a metal-free approach. <i>Polymer Chemistry</i> , 2021 , 12, 6386-6391	4.9	3
403	Naphthyl-Naphthalimides as High-Performance Visible Light Photoinitiators for 3D Printing and Photocomposites Synthesis. <i>Catalysts</i> , 2021 , 11, 1269	4	9
402	Effect of the Steric Hindrance and Branched Substituents on Visible Phenylamine Oxime Ester Photoinitiators: Photopolymerization Kinetics Investigation through Photo-DSC Experiments. <i>Photochemistry and Photobiology</i> , 2021 ,	3.6	1

401	Preparation of Iron Filler-Based Photocomposites and Application in 3D Printing. <i>Macromolecular Materials and Engineering</i> , 2021 , 306, 2000720	3.9	4
400	Near-Infrared Photoinitiating Systems: Photothermal versus Triplet-Triplet Annihilation-Based Upconversion Polymerization. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100047	4.8	11
399	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. <i>Molecules</i> , 2021 , 26,	4.8	10
398	New hydrogen donors for amine-free photoinitiating systems in dental materials. <i>Dental Materials</i> , 2021 , 37, 382-390	5.7	3
397	Design of photoinitiating systems based on the chalcone-anthracene scaffold for LED cationic photopolymerization and application in 3D printing. <i>European Polymer Journal</i> , 2021 , 147, 110300	5.2	23
396	Photoinitiators in Specific Polymerization Processes 2021 , 591-640		
395	Photoinitiators for Novel Specific Properties 2021 , 463-529		
394	Photoinitiating Systems for Free Radical Promoted Cationic Polymerization 2021 , 435-461		
393	Reactivity and Efficiency of Radical Photoinitiators 2021 , 333-373		
392	Design of Photoinitiators for Enhanced Performance: A Mechanistic Approach 2021 , 375-397		
391	Photoinitiators for the Curing of Thick or Filled Samples 2021 , 641-655		
390	Photoinitiators and Light Sources: Novel Developments 2021 , 537-557		0
389	2021 ,		3
388	In situ generation of Ag nanoparticles during photopolymerization by using newly developed dyes-based three-component photoinitiating systems and the related 3D printing applications and their shape change behavior. <i>Journal of Polymer Science</i> , 2021 , 59, 843-859	2.4	12
387	Photoinitiators in Various Sectors of Industrial Applications 2021 , 657-697		
386	Cleavable Radical Photoinitiators 2021 , 55-116		
385	Polyoxometalates/polymer composites for the photodegradation of bisphenol-A. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50864	2.9	2
384	Development of a Zeolite/Polymer-Based Hydrogel Composite through Photopolymerization for 3D Printing Application. <i>Macromolecular Materials and Engineering</i> , 2021 , 306, 2100129	3.9	1

383	Photopolymerization of Pollen Based Biosourced Composites and Applications in 3D and 4D Printing. <i>Macromolecular Materials and Engineering</i> , 2021 , 306, 2000774	3.9	2
382	Two-Component Radical Photoinitiators 2021 , 117-197		1
381	Photopolymerization and 3D/4D applications using newly developed dyes: Search around the natural chalcone scaffold in photoinitiating systems. <i>Dyes and Pigments</i> , 2021 , 188, 109213	4.6	21
380	Backgrounds in Photopolymerization Reactions: A Short Overview 2021 , 1-34		
379	Role of Experimental Conditions on the Performance of a Radical Photoinitiator 2021 , 321-331		
378	Cationic Photoinitiating Systems 2021 , 199-239		
377	Multicomponent Radical Photoinitiating Systems for Enhanced Reactivity 2021 , 399-434		1
376	Nitro-Carbazole Based Oxime Esters as Dual Photo/Thermal Initiators for 3D Printing and Composite Preparation. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100207	4.8	19
375	High-performance sunlight induced polymerization using novel push-pull dyes with high light absorption properties. <i>European Polymer Journal</i> , 2021 , 151, 110410	5.2	12
374	Development of a Borane-(Meth)acrylate Photo-Click Reaction. <i>Angewandte Chemie</i> , 2021 , 133, 17174-17181	16.4	1
373	Concomitant initiation of radical and cationic polymerisations using new copper complexes as photoinitiators: Synthesis and characterisation of acrylate/epoxy interpenetrated polymer networks. <i>European Polymer Journal</i> , 2021 , 152, 110457	5.2	9
372	Organic dye-based photoinitiating systems for visible-light-induced photopolymerization. <i>Journal of Polymer Science</i> , 2021 , 59, 1338-1389	2.4	12
371	Development of a Borane-(Meth)acrylate Photo-Click Reaction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17037-17044	16.4	1
370	Novel phenylamine-based oxime ester photoinitiators for LED-induced free radical, cationic, and hybrid polymerization. <i>Journal of Polymer Science</i> , 2021 , 59, 1711-1723	2.4	6
369	Benzophenone-Functionalized Oligo(Amido Amine)/Iodonium Salt Systems as Visible Light Photoinitiators. <i>ChemistrySelect</i> , 2021 , 6, 5743-5751	1.8	2
368	Design of keto-coumarin based photoinitiator for Free Radical Photopolymerization: Towards 3D printing and photocomposites applications. <i>European Polymer Journal</i> , 2021 , 154, 110559	5.2	10
367	A Critical Review for Synergic Kinetics and Strategies for Enhanced Photopolymerizations for 3D-Printing and Additive Manufacturing. <i>Polymers</i> , 2021 , 13,	4.5	6
366	Near-infrared light for polymer re-shaping and re-processing applications. <i>Journal of Polymer Science</i> , 2021 , 59, 2193-2200	2.4	9

365	New hybrid MOF/polymer composites for the photodegradation of organic dyes. <i>European Polymer Journal</i> , 2021 , 154, 110560	5.2	12
364	Allyloxy ketones as efficient photoinitiators with high migration stability in free radical polymerization and 3D printing. <i>Dyes and Pigments</i> , 2021 , 185, 108900	4.6	21
363	Bis-chalcone derivatives derived from natural products as near-UV/visible light sensitive photoinitiators for 3D/4D printing. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 901-916	7.8	24
362	NIR Organic Dyes as Innovative Tools for Reprocessing/Recycling of Plastics: Benefits of the Photothermal Activation in the Near-Infrared Range. <i>Advanced Functional Materials</i> , 2021 , 31, 2006324	15.6	18
361	Photoinitiating systems based on poly(ethylene imine) for Michael addition and free radical photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 404, 112959	4.7	4
360	Photopolymerization of Zeolite/Polymer-Based Composites: toward 3D and 4D Printing Applications. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 400-409	4.3	18
359	Rhenium(II) N-Heterocyclic Carbene Complexes in Photoinitiating Systems for Polymerization upon Visible Light: Development of Photosensitive Resins for 3D and 4D Applications. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 464-473	4.3	4
358	Boron Compounds as Additives for the Cationic Polymerization Using Coumarin Derivatives in Epoxy Silicones. <i>Macromolecular Chemistry and Physics</i> , 2021 , 222, 2000404	2.6	10
357	Characterization of polyoxometalate/polymer photo-composites: A toolbox for the photodegradation of organic pollutants. <i>Journal of Polymer Science</i> , 2021 , 59, 153-169	2.4	3
356	Cubane Cu ₄ I ₄ (phosphine) ₄ complexes as new co-initiators for free radical photopolymerization: towards aromatic amine-free systems. <i>Polymer Chemistry</i> , 2021 , 12, 2848-2859	4.9	2
355	N-Aryl glycines as versatile initiators for various polymerizations. <i>Polymer Chemistry</i> , 2021 , 12, 1991-2000	4.9	5
354	Peroxide-free redox initiating systems for polymerization in mild conditions. <i>Polymer Chemistry</i> , 2021 , 12, 1816-1822	4.9	0
353	Naphthalimide-Based Dyes as Photoinitiators under Visible Light Irradiation and their Applications: Photocomposite Synthesis, 3D printing and Polymerization in Water. <i>ChemPhotoChem</i> , 2021 , 5, 476-490	3.3	14
352	Visible-Light Emulsion Photopolymerization of Acrylates and Methacrylates: Mechanistic Insights and Introduction of a Simplified Sulfur-Based Photoinitiating System. <i>Macromolecules</i> , 2021 , 54, 2124-2133	5.5	0
351	N-ethyl carbazole-1-allylidene-based push-pull dyes as efficient light harvesting photoinitiators for sunlight induced polymerization. <i>European Polymer Journal</i> , 2021 , 147, 110331	5.2	19
350	New hybrid perovskites/polymer composites for the photodegradation of organic dyes. <i>European Polymer Journal</i> , 2021 , 157, 110641	5.2	7
349	Towards new NIR dyes for free radical photopolymerization processes. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 2067-2076	2.5	3
348	Panchromatic Copper Complexes for Visible Light Photopolymerization. <i>Photochem</i> , 2021 , 1, 167-189		8

347	New Hybrid Fe-based MOFs/Polymer Composites for the Photodegradation of Organic Dyes. <i>ChemistrySelect</i> , 2021 , 6, 8120-8132	1.8	6
346	Water-Soluble Visible Light Sensitive Photoinitiating System Based on Charge Transfer Complexes for the 3D Printing of Hydrogels. <i>Polymers</i> , 2021 , 13,	4.5	11
345	LED and solar photodecomposition of erythrosine B and rose Bengal using H3PMo12O40/polymer photocatalyst. <i>European Polymer Journal</i> , 2021 , 159, 110743	5.2	5
344	Photostability of l-tryptophan in aqueous solution: Effect of atmosphere and antioxidants addition. <i>Food Chemistry</i> , 2021 , 359, 129949	8.5	0
343	Performance improvement of the photocatalytic process for the degradation of pharmaceutical compounds using new POM/polymer photocatalysts. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106015	6.8	6
342	Radical photoinitiation with LEDs and applications in the 3D printing of composites. <i>Chemical Society Reviews</i> , 2021 , 50, 3824-3841	58.5	40
341	Synthesis and free radical photopolymerization of triphenylamine-based oxime ester photoinitiators. <i>Polymer Chemistry</i> , 2021 , 12, 1286-1297	4.9	13
340	New multifunctional benzophenone-based photoinitiators with high migration stability and their applications in 3D printing. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1982-1994	7.8	21
339	Photochemical C-H Silylation and Hydroxymethylation of Pyridines and Related Structures: Synthetic Scope and Mechanisms. <i>ACS Catalysis</i> , 2020 , 10, 13710-13717	13.1	23
338	Donor-Acceptor-Donor structured thioxanthone derivatives as visible photoinitiators. <i>Polymer Chemistry</i> , 2020 , 11, 7221-7234	4.9	8
337	Design of ketone derivatives as highly efficient photoinitiators for free radical and cationic photopolymerizations and application in 3D printing of composites. <i>Journal of Polymer Science</i> , 2020 , 58, 3432-3445	2.4	15
336	Ketone derivatives as photoinitiators for both radical and cationic photopolymerizations under visible LED and application in 3D printing. <i>European Polymer Journal</i> , 2020 , 132, 109737	5.2	26
335	Coumarins as Powerful Photosensitizers for the Cationic Polymerization of Epoxy-Silicones under Near-UV and Visible Light and Applications for 3D Printing Technology. <i>Molecules</i> , 2020 , 25,	4.8	21
334	Visible-Light-Mediated Access to Phosphate Esters. <i>Organic Letters</i> , 2020 , 22, 4404-4407	6.2	13
333	A monocomponent bifunctional benzophenone-barbazole type II photoinitiator for LED photoinitiating systems. <i>Polymer Chemistry</i> , 2020 , 11, 3551-3556	4.9	40
332	New Donor-Acceptor Stenhouse Adducts as Visible and Near Infrared Light Polymerization Photoinitiators. <i>Molecules</i> , 2020 , 25,	4.8	10
331	Substituent Effects on Photoinitiation Ability of Monoaminoanthraquinone-Based Photoinitiating Systems for Free Radical Photopolymerization under LEDs. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000166	4.8	7
330	Diphenylsilane-Manganese Acetylacetonate Redox Initiating Systems: Toward Amine-Free and Peroxide-Free Systems. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000058	2.6	1

329	In Silico Design of Nitrocoumarins as Near-UV Photoinitiators: Toward Interesting Opportunities in Composites and 3D Printing Technologies. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2890-2901	4.3	4
328	Thermal Initiators as Additives for Photopolymerization of Methacrylates upon Blue Light. <i>Coatings</i> , 2020 , 10, 478	2.9	5
327	Laser Direct Writing of Arbitrary Complex Polymer Microstructures by Nitroxide-Mediated Photopolymerization. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 30779-30786	9.5	8
326	Plasmon-triggered living photopolymerization for elaboration of hybrid polymer/metal nanoparticles. <i>Materials Today</i> , 2020 , 40, 38-47	21.8	11
325	Photoinitiators derived from natural product scaffolds: monochalcones in three-component photoinitiating systems and their applications in 3D printing. <i>Polymer Chemistry</i> , 2020 , 11, 4647-4659	4.9	43
324	New bio-sourced hydrogen donors as high performance coinitiators and additives for CQ-based systems: Toward aromatic amine-free photoinitiating systems. <i>European Polymer Journal</i> , 2020 , 134, 109794	5.2	9
323	On demand NIR activated photopolyaddition reactions. <i>Polymer Chemistry</i> , 2020 , 11, 4250-4259	4.9	22
322	Visible light photoinitiating systems by charge transfer complexes: Photochemistry without dyes. <i>Progress in Polymer Science</i> , 2020 , 107, 101277	29.6	35
321	Photoinitiator-catalyst systems based on meta-terphenyl derivatives as photosensitisers of iodonium and thianthrenium salts for visible photopolymerization in 3D printing processes. <i>Polymer Chemistry</i> , 2020 , 11, 4604-4621	4.9	16
320	Coumarin Derivatives as Photoinitiators in Photo-Oxidation and Photo-Reduction Processes and a Kinetic Model for Simulations of the Associated Polymerization Profiles. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2769-2780	4.3	13
319	In-silico based development of photoinitiators for 3D printing and composites: Search on the coumarin scaffold. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 400, 112698	4.7	7
318	A New Phosphine for Efficient Free Radical Polymerization under Air. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000053	4.8	5
317	Monocomponent Photoinitiators based on Benzophenone-Carbazole Structure for LED Photoinitiating Systems and Application on 3D Printing. <i>Polymers</i> , 2020 , 12,	4.5	25
316	High performance dyes based on triphenylamine, cinnamaldehyde and indane-1,3-dione derivatives for blue light induced polymerization for 3D printing and photocomposites. <i>Dyes and Pigments</i> , 2020 , 182, 108580	4.6	10
315	NIR Sensitizer Operating under Long Wavelength (1064nm) for Free Radical Photopolymerization Processes. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000289	4.8	32
314	Polydiacetylene (PDA) based supramolecular gel upon coassembly with a bolaamphiphilic cogelator. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 2640-2646	3.2	5
313	Light-Induced Thermal Decomposition of Alkoxyamines upon Infrared CO Laser: Toward Spatially Controlled Polymerization of Methacrylates in Laser Write Experiments. <i>ACS Omega</i> , 2020 , 5, 3043-3046	3.9	8
312	Towards Visible LED Illumination: ZnO-ZnS Nanocomposite Particles. <i>ChemistrySelect</i> , 2020 , 5, 985-987	1.8	5

311	Keto-coumarin scaffold for photoinitiators for 3D printing and photocomposites. <i>Journal of Polymer Science</i> , 2020 , 58, 1115-1129	2.4	31
310	In silico rational design by molecular modeling of new ketones as photoinitiators in three-component photoinitiating systems: application in 3D printing. <i>Polymer Chemistry</i> , 2020 , 11, 2230-2242	4.9	43
309	Charge Transfer Complexes based on Various Amines as Dual Thermal and Photochemical Polymerization Initiators: A Powerful Tool for the Access to Composites. <i>Journal of Polymer Science</i> , 2020 , 58, 811-823	2.4	9
308	Flavones as natural photoinitiators for light mediated free-radical polymerization via light emitting diodes. <i>Journal of Polymer Science</i> , 2020 , 58, 254-262	2.4	17
307	2-Oxo-2(tert-butyldimethylsilyl)Acetic Acid (DKSi-COOH) as a New Water-Soluble Visible Light Type I Photoinitiator for Free Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 1900-1905	2.6	10
306	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. <i>Catalysts</i> , 2020 , 10, 463	4	28
305	Design of new phenothiazine derivatives as visible light photoinitiators. <i>Polymer Chemistry</i> , 2020 , 11, 3349-3359	4.9	14
304	High Performance Redox Initiating Systems Based on the Interaction of Silane with Metal Complexes: A Unique Platform for the Preparation of Composites. <i>Molecules</i> , 2020 , 25,	4.8	3
303	New Phosphine Oxides as High Performance Near-UV Type I Photoinitiators of Radical Polymerization. <i>Molecules</i> , 2020 , 25,	4.8	24
302	Metalated porphyrins as versatile visible light and NIR photoinitiators of polymerization. <i>European Polymer Journal</i> , 2020 , 139, 110019	5.2	17
301	1,2-Diketones as photoinitiators of both cationic and free-radical photopolymerization under UV (392 nm) or Blue (455 nm) LEDs. <i>Journal of Polymer Science</i> , 2020 , 58, 792-802	2.4	11
300	Free-radical polymerization upon near-infrared light irradiation, merging photochemical and photothermal initiating methods. <i>Journal of Polymer Science</i> , 2020 , 58, 300-308	2.4	19
299	Stable surface functionalization of carbonized mesoporous silicon. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 631-641	6.8	6
298	New bimolecular photoinitiating systems based on terphenyl derivatives as highly efficient photosensitizers for 3D printing application. <i>Polymer Chemistry</i> , 2020 , 11, 922-935	4.9	34
297	Silane/iodonium salt as redox/thermal/photoinitiating systems in radical and cationic polymerizations for laser write and composites. <i>Polymer Chemistry</i> , 2020 , 11, 857-866	4.9	9
296	Photoinduced free radical promoted cationic polymerization 40 years after its discovery. <i>Polymer Chemistry</i> , 2020 , 11, 1111-1121	4.9	46
295	3D Printing of Polydiacetylene Photocomposite Materials: Two Wavelengths for Two Orthogonal Chemistries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 1658-1664	9.5	26
294	Sulfonates and sulfonates as high performance co-initiators in CQ based systems: Towards aromatic amine-free systems for dental restorative materials. <i>Dental Materials</i> , 2020 , 36, 187-196	5.7	10

293	Biocompatibility and cytotoxicity of novel photoinitiator E-conjugated dithienophosphole derivatives and their triggered polymers. <i>Toxicology in Vitro</i> , 2020 , 63, 104720	3.6	11
292	Novel PushPull 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. <i>Catalysts</i> , 2020 , 10, 1196	4	21
291	Novel Copper Photoredox Catalysts for Polymerization: An In Situ Synthesis of Metal Nanoparticles. <i>Polymers</i> , 2020 , 12,	4.5	7
290	One-component cationic photoinitiators based on coumarin scaffold iodonium salts as highly sensitive photoacid generators for 3D printing IPN photopolymers under visible LED sources. <i>Polymer Chemistry</i> , 2020 , 11, 5261-5278	4.9	15
289	Near-infrared-induced photothermal decomposition of charge transfer complexes: A new way to initiate thermal polymerization. <i>Journal of Polymer Science</i> , 2020 , 58, 2134-2139	2.4	5
288	Novel ketone derivative-based photoinitiating systems for free radical polymerization under mild conditions and 3D printing. <i>Polymer Chemistry</i> , 2020 , 11, 5767-5777	4.9	23
287	A water soluble and highly reactive bisphosphonate functionalized thioxanthone-based photoinitiator. <i>European Polymer Journal</i> , 2020 , 135, 109906	5.2	9
286	Design of New Amines of Low Toxicity for Efficient Free Radical Polymerization under Air. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000211	2.6	1
285	Mono vs. Difunctional Coumarin as Photoinitiators in Photocomposite Synthesis and 3D Printing. <i>Catalysts</i> , 2020 , 10, 1202	4	17
284	Novel DEA and AEDA three-component photoinitiating systems based on carbazole/triphenylamino based chalcones and application in 3D and 4D printing. <i>Polymer Chemistry</i> , 2020 , 11, 6512-6528	4.9	28
283	Novel Photoinitiators Based on Benzophenone-Triphenylamine Hybrid Structure for LED Photopolymerization. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000460	4.8	27
282	Ultrafast Epoxy-Anhydride Photopolyaddition Reaction. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000236	2.6	3
281	Hydrogen donors to replace aromatic amine based photoinitiating systems. <i>Nano Select</i> , 2020 , 1, 382-387.	3.1	2
280	Polymeric Iodonium Salts to Trigger Free Radical Photopolymerization. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e1900644	4.8	8
279	1-Aryl-2-(triisopropylsilyl)ethane-1,2-diones: Toward a New Class of Visible Type I Photoinitiators for Free Radical Polymerization of Methacrylates. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900319	4.8	9
278	Aryliodonium Ylides as Novel and Efficient Additives for Radical Chemistry: Example in Camphorquinone (CQ)/Amine Based Photoinitiating Systems. <i>Molecules</i> , 2019 , 24,	4.8	14
277	Effect of Zeolite Fillers on the Photopolymerization Kinetics for Photocomposites and Lithography. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 2854-2861	4.3	17
276	Ascorbic Acid Derivatives as Potential Substitutes for Ascorbic Acid To Reduce Color Degradation of Drinks Containing Ascorbic Acid and Anthocyanins from Natural Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12061-12071	5.7	14

275	Coumarin derivatives as versatile photoinitiators for 3D printing, polymerization in water and photocomposite synthesis. <i>Polymer Chemistry</i> , 2019 , 10, 872-884	4.9	72
274	Visible-light-mediated α -phosphorylation of N-aryl tertiary amines through the formation of electron-donor-acceptor complexes: synthetic and mechanistic studies. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 41-44	5.2	48
273	New hybrid polyoxometalate/polymer composites for photodegradation of eosin dye. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 1538-1549	2.5	18
272	Photoinitiation Mechanism and Ability of Monoamino-Substituted Anthraquinone Derivatives as Cationic Photoinitiators of Polymerization under LEDs. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900234	4.8	20
271	Silyl glyoxylates as high-performance photoinitiators for cationic and hybrid polymerizations: Towards better polymer mechanical properties. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 1420-1429	2.5	14
270	Silane Based Redox Initiating Systems: Toward a Safer Amine-Free, Peroxide-Free, and Metal-Free Approach. <i>Macromolecules</i> , 2019 , 52, 3351-3358	5.5	10
269	Redox two-component initiated free radical and cationic polymerizations: Concepts, reactions and applications. <i>Progress in Polymer Science</i> , 2019 , 94, 33-56	29.6	36
268	Iodinated Polystyrene for Polymeric Charge Transfer Complexes: Toward High-Performance Near-UV and Visible Light Macrophotoinitiators. <i>Macromolecules</i> , 2019 , 52, 3448-3453	5.5	19
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250	Different NIR dye scaffolds for polymerization reactions under NIR light. <i>Polymer Chemistry</i> , 2019 , 10, 6505-6514	4.9	38
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