

Yusuf YaÄci

List of Publications by Year in descending order

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6254

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#	ARTICLE	IF	CITATIONS
1	Self-Healable and Recyclable Sulfur Rich Poly(vinyl chloride) by S Dynamic Bonding. <i>Macromolecular Chemistry and Physics</i> , 2023, 224, .	2.2	7
2	Visible Light Induced Conventional Step-Growth and Chain-Growth Condensation Polymerizations by Electrophilic Aromatic Substitution. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100584.	3.9	15
3	Photoinduced Controlled/Living Polymerizations. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	64
4	Photoinduced Controlled/Living Polymerizations. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
5	Synthesis of Block Copolymers by Mechanistic Transformation from Reversible Complexation Mediated Living Radical Polymerization to the Photoinduced Radical Oxidation/Addition/Deactivation Process. <i>ACS Macro Letters</i> , 2022, 11, 342-346.	4.8	5
6	Fluorescent bioassay for SARS-CoV-2 detection using polypyrene-g-poly(μ -caprolactone) prepared by simultaneous photoinduced step-growth and ring-opening polymerizations. <i>Mikrochimica Acta</i> , 2022, 189, 202.	5.0	8
7	Exploiting the reversible covalent bonding of boronic acids for self-healing/recycling of main-chain polybenzoxazines. <i>Polymer Chemistry</i> , 2022, 13, 3631-3638.	3.9	15
8	Curable benzoxazine/siloxane hybrid networks from renewable phenolics and glycerol. <i>European Polymer Journal</i> , 2022, 174, 111329.	5.4	3
9	Surface modification of polybenzoxazines by electrochemical hydroquinone-quinone switch. <i>European Polymer Journal</i> , 2021, 142, 110157.	5.4	5
10	Synthesis of thioamide containing polybenzoxazines by the Willgerodt-Kindler reaction. <i>Polymer Chemistry</i> , 2021, 12, 534-544.	3.9	29
11	Light induced crosslinking of main chain polybenzoxazines. <i>Polymer Chemistry</i> , 2021, 12, 5781-5786.	3.9	9
12	Hollow microspherical carbazole-based conjugated polymers by photoinduced step-growth polymerization. <i>Polymer Chemistry</i> , 2021, 12, 4654-4660.	3.9	9
13	Dimethyl amino phenyl substituted silver phthalocyanine as a UV- and visible-light absorbing photoinitiator: <i>in situ</i> preparation of silver/polymer nanocomposites. <i>Polymer Chemistry</i> , 2021, 12, 1273-1285.	3.9	10
14	A new anthraquinone derivative as a near UV and visible light photoinitiator for free-radical, thiol-ene and cationic polymerizations. <i>Polymer Chemistry</i> , 2021, 12, 3299-3306.	3.9	15
15	Visible light induced step-growth polymerization by electrophilic aromatic substitution reactions. <i>Chemical Communications</i> , 2021, 57, 5398-5401.	4.1	21
16	Visible Light Induced Step-Growth Polymerization by Substitution Reactions. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000686.	3.9	13
17	Highly conjugated visible and near-infrared light photoinitiating systems for radical and cationic polymerizations. <i>Progress in Organic Coatings</i> , 2021, 154, 106189.	3.9	10
18	Expanding the Scope of 2D Black Phosphorus Catalysis to the Near-Infrared Light Initiated Free Radical Photopolymerization. <i>ACS Macro Letters</i> , 2021, 10, 679-683.	4.8	13

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19	A Novel Photoinduced Ligation Approach for Cross-Linking Polymerization, Polymer Chain-End Functionalization, and Surface Modification Using Benzoyl Azides. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100166.	3.9	1
20	Phenacyl Phenothiazinium Salt as a New Broad-Wavelength-Absorbing Photoinitiator for Cationic and Free Radical Polymerizations. <i>Angewandte Chemie</i> , 2021, 133, 17054-17058.	2.0	1
21	Phenacyl Phenothiazinium Salt as a New Broad-Wavelength-Absorbing Photoinitiator for Cationic and Free Radical Polymerizations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16917-16921.	13.8	33
22	Mussel-Inspired Coatings by Photoinduced Electron-Transfer Reactions: Photopolymerization of Dopamine under UV, Visible, and Daylight under Oxygen-Free Conditions. <i>Macromolecules</i> , 2021, 54, 5991-5999.	4.8	12
23	Catalyzing the Ring-Opening Polymerization of 1,3-Benzoxazines via Thioamide from Renewable Sources. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4203-4212.	4.4	10
24	Exfoliated black phosphorous-mediated CuAAC chemistry for organic and macromolecular synthesis under white LED and near-IR irradiation. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 2477-2487.	2.2	4
25	Directly and Indirectly Acting Photoinitiating Systems for Ring-Opening Polymerization of ϵ -Caprolactone. <i>ChemPhotoChem</i> , 2021, 5, 1089-1093.	3.0	4
26	Light induced step-growth polymerization of Donor-Acceptor-Donor (DAD) type monomers based on thiophene α -[1,2,5] Chalcogenazolo[3,4-f]-benzo [1,2,3] triazole α -Thiophene. <i>European Polymer Journal</i> , 2021, 161, 110831.	5.4	7
27	A Simple Photochemical Route to Hyperbranched Polymers by Using Photolabile Inimer. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000408.	2.2	3
28	Contemporary Approaches for Conventional and Light-Mediated Synthesis of Conjugated Heteroaromatic Polymers. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100334.	2.2	10
29	Complex macromolecular structures from stable radical containing block copolymers. <i>Journal of Polymer Science</i> , 2020, 58, 62-69.	3.8	2
30	A new ethanol biosensor based on polyfluorene-g-poly(ethylene glycol) and multiwalled carbon nanotubes. <i>European Polymer Journal</i> , 2020, 122, 109300.	5.4	19
31	The Journey of Phenolics from the First Spark to Advanced Materials. <i>Israel Journal of Chemistry</i> , 2020, 60, 20-32.	2.3	23
32	Cyanuric chloride as a potent catalyst for the reduction of curing temperature of benzoxazines. <i>Polymer Chemistry</i> , 2020, 11, 1025-1032.	3.9	23
33	Photoinduced free radical promoted cationic polymerization 40 years after its discovery. <i>Polymer Chemistry</i> , 2020, 11, 1111-1121.	3.9	79
34	Visible Light Anthraquinone Functional Phthalocyanine Photoinitiator for Free-Radical and Cationic Polymerizations. <i>Macromolecules</i> , 2020, 53, 112-124.	4.8	44
35	Catechol-Attached Polypeptide with Functional Groups as Electrochemical Sensing Platform for Synthetic Cannabinoids. <i>ACS Applied Polymer Materials</i> , 2020, 2, 172-177.	4.4	9
36	Light-induced step-growth polymerization. <i>Progress in Polymer Science</i> , 2020, 100, 101178.	24.7	75

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37	Mechanistic Transformations Involving Radical and Cationic Polymerizations. Chinese Journal of Polymer Science (English Edition), 2020, 38, 205-212.	3.8	13
38	An oxygen-tolerant visible light induced free radical polymerization using mesoporous graphitic carbon nitride. European Polymer Journal, 2020, 122, 109410.	5.4	24
39	Cellulose-based polyacetals by direct and sensitized photocationic ring-opening polymerization of levoglucosenyl methyl ether. Polymer Chemistry, 2020, 11, 6884-6889.	3.9	7
40	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	2.2	69
41	Photoinduced <sc>stepâ€growth</sc> polymerization of thieno[3,4â€b] thiophene derivatives. The substitution effect on the reactivity and electrochemical properties. Journal of Polymer Science, 2020, 58, 2327-2334.	3.8	35
42	N â€Acyl Dibenzazepine Chemistry as Versatile Approach for Photoreversible Thiolâ€Ene Networks. Macromolecular Rapid Communications, 2020, 41, 2000369.	3.9	2
43	Photopolymerization of Macroscale Black 3D Objects Using Near-Infrared Photochemistry. ACS Applied Materials & Interfaces, 2020, 12, 58287-58294.	8.0	32
44	pHâ€Responsive Micelleâ€Forming Amphiphilic Triblock Copolymers. Macromolecular Chemistry and Physics, 2020, 221, 2000109.	2.2	5
45	Advanced Thermosets from Sulfur and Renewable Benzoxazine and Ionones via Inverse Vulcanization. ACS Sustainable Chemistry and Engineering, 2020, 8, 9145-9155.	6.7	39
46	Polypyrenes by Photoinduced Step-Growth Polymerization. Macromolecules, 2020, 53, 5787-5794.	4.8	39
47	Visible light photoinitiating systems by charge transfer complexes: Photochemistry without dyes. Progress in Polymer Science, 2020, 107, 101277.	24.7	77
48	Chemiluminescence Induced Cationic Photopolymerization Using Sulfonium Salt. ACS Macro Letters, 2020, 9, 471-475.	4.8	18
49	Advanced Polymers from Simple Benzoxazines and Phenols by Ring-Opening Addition Reactions. Macromolecules, 2020, 53, 2354-2361.	4.8	32
50	Chemiluminescenceâ€Induced Free Radicalâ€Promoted Cationic Polymerization. Macromolecular Rapid Communications, 2020, 41, 2000004.	3.9	10
51	Fluoreneâ€Carbazole-Based Porous Polymers by Photoinduced Electron Transfer Reactions. Macromolecules, 2020, 53, 1645-1651.	4.8	18
52	Diphenyl functional porphyrins and their metal complexes as visible-light photoinitiators for free-radical, cationic and thiolâ€ene polymerizations. Polymer Chemistry, 2020, 11, 4237-4249.	3.9	13
53	Complex macromolecular structures from stable radical containing block copolymers. Journal of Polymer Science, 2020, 58, 62-69.	3.8	0
54	Modular photoinduced grafting onto approach by ketene chemistry. Journal of Polymer Science Part A, 2019, 57, 274-280.	2.3	7

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55	Highly efficient dandelion-like near-infrared light photoinitiator for free radical and thiol-ene photopolymerizations. <i>Nature Communications</i> , 2019, 10, 3560.	12.8	99
56	Near-IR and UV-LED Sensitized Photopolymerization with Onium Salts Comprising Anions of Different Nucleophilicities. <i>ChemPhotoChem</i> , 2019, 3, 1127-1132.	3.0	37
57	Indole-based charge transfer complexes as versatile dual thermal and photochemical polymerization initiators for 3D printing and composites. <i>Polymer Chemistry</i> , 2019, 10, 4991-5000.	3.9	37
58	Sulfonium salt based charge transfer complexes as dual thermal and photochemical polymerization initiators for composites and 3D printing. <i>Polymer Chemistry</i> , 2019, 10, 4690-4698.	3.9	27
59	Cellulose-Derived Functional Polyacetal by Cationic Ring-Opening Polymerization of Levoglucosenyl Methyl Ether. <i>Angewandte Chemie</i> , 2019, 131, 18663-18666.	2.0	6
60	Cellulose-Derived Functional Polyacetal by Cationic Ring-Opening Polymerization of Levoglucosenyl Methyl Ether. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18492-18495.	13.8	25
61	Photoinduced synthesis of poly(<i>N</i> -ethylcarbazole) from phenacylium salt without conventional catalyst and/or monomer. <i>Chemical Communications</i> , 2019, 55, 11531-11534.	4.1	28
62	Combining polybenzoxazines and polybutadienes <i>via</i> simultaneous inverse and direct vulcanization for flexible and recyclable thermosets by polysulfide dynamic bonding. <i>Polymer Chemistry</i> , 2019, 10, 5743-5750.	3.9	29
63	pH-Responsive Polymersome Microparticles as Smart Cyclodextrin-Releasing Agents. <i>Biomacromolecules</i> , 2019, 20, 4001-4007.	5.4	25
64	Coumarines as masked phenols for amide functional benzoxazines. <i>Polymer Chemistry</i> , 2019, 10, 1268-1275.	3.9	37
65	A versatile approach for the preparation of end-functional polymers and block copolymers by stable radical exchange reactions. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2387-2395.	2.3	1
66	Controlled Synthesis of Block Copolymers by Mechanistic Transformation from Atom Transfer Radical Polymerization to Iniferter Process. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1900109.	3.9	10
67	Hydrophilicity Tunable Hyperbranched Polymers by Visible Light Induced Self-Condensing Vinyl Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900055.	2.2	6
68	One-Pot Synthesis of Amide-Functional Main-Chain Polybenzoxazine Precursors. <i>Polymers</i> , 2019, 11, 679.	4.5	18
69	Near-Infrared Photoinduced Copper-Catalyzed Azide-Alkyne Click Chemistry with a Cyanine Comprising a Barbiturate Group. <i>ChemPhotoChem</i> , 2019, 3, 1180-1186.	3.0	23
70	Visible light induced free radical promoted cationic polymerization using acylsilanes. <i>Progress in Organic Coatings</i> , 2019, 132, 139-143.	3.9	37
71	Near-Infrared-Induced Cationic Polymerization Initiated by Using Upconverting Nanoparticles and Titanocene. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900047.	3.9	47
72	Visible light induced radical coupling reactions for the synthesis of conventional polycondensates. <i>Polymer Chemistry</i> , 2019, 10, 5652-5658.	3.9	21

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73	Near-infrared light induced cationic polymerization based on upconversion and ferrocenium photochemistry. <i>Polymer Chemistry</i> , 2019, 10, 5574-5577.	3.9	28
74	Counterion Effect of Amine Salts on Ring-Opening Polymerization of 1,3-Benzoxazines. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800268.	2.2	29
75	Cyclodextrin-Based Macromolecular Systems as Cholesterol-Mopping Therapeutic Agents in Niemann-Pick Disease Type C. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800557.	3.9	37
76	Effect of clay on the dielectric properties of novel fluorinated methacrylate nanocomposites. <i>Polymer Composites</i> , 2019, 40, 3333-3341.	4.6	11
77	Gold nanoparticle conjugated poly(p-phenylene- β -cyclodextrin)-graft-poly(ethylene glycol) for theranostic applications. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47250.	2.6	22
78	A Charge-Transfer Complex of Thioxanthonephenacyl Sulfonium Salt as a Visible-Light Photoinitiator for Free Radical and Cationic Polymerizations. <i>ChemPhotoChem</i> , 2019, 3, 1187-1192.	3.0	50
79	Phenolic Naphthoxazines as Curing Promoters for Benzoxazines. <i>Macromolecules</i> , 2018, 51, 1688-1695.	4.8	63
80	A Functional Platform for the Detection of JWH-073 as a Model for Synthetic Cannabinoids. <i>ChemElectroChem</i> , 2018, 5, 1253-1258.	3.4	19
81	“Biomimetic-electrochemical-sensory-platform” for biomolecule free cocaine testing. <i>Materials Science and Engineering C</i> , 2018, 90, 211-218.	7.3	11
82	Light-induced cross-linking and post-cross-linking modification of polyglycidol. <i>Chemical Communications</i> , 2018, 54, 1647-1650.	4.1	10
83	Simple Photochemical Route to Block Copolymers via Two-Step Sequential Type II Photoinitiation. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700589.	2.2	7
84	Functional Surfaces Constructed with Hyperbranched Copolymers as Optical Imaging and Electrochemical Cell Sensing Platforms. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700433.	2.2	11
85	Combining benzoxazine and ketene chemistries for self-healing of high performance thermoset surfaces. <i>Polymer Chemistry</i> , 2018, 9, 2031-2039.	3.9	37
86	Photoinduced metal-free atom transfer radical polymerizations: state-of-the-art, mechanistic aspects and applications. <i>Polymer Chemistry</i> , 2018, 9, 1757-1762.	3.9	80
87	An efficient, heterogeneous, reusable atom transfer radical polymerization catalyst. <i>Polymer International</i> , 2018, 67, 55-60.	3.1	8
88	Main-chain benzoxazine precursor block copolymers. <i>Polymer Chemistry</i> , 2018, 9, 178-183.	3.9	53
89	Diphenylphenacyl sulfonium salt as dual photoinitiator for free radical and cationic polymerizations. <i>Journal of Polymer Science Part A</i> , 2018, 56, 451-457.	2.3	21
90	Multi-mode Polymerizations Involving Photoinduced Radical Polymerization. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2018, 31, 719-725.	0.3	7

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91	Visible light-induced free radical promoted cationic polymerization using organotellurium compounds. <i>Polymer Chemistry</i> , 2018, 9, 5639-5643.	3.9	24
92	Benzoxazine-Based Thermoset with Autonomous Self-Healing and Shape Recovery. <i>Macromolecules</i> , 2018, 51, 10095-10103.	4.8	62
93	Photochemical, Thermal Free Radical, and Cationic Polymerizations Promoted by Charge Transfer Complexes: Simple Strategy for the Fabrication of Thick Composites. <i>Macromolecules</i> , 2018, 51, 7872-7880.	4.8	47
94	The Photopolymer Science and Technology Award. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2018, 31, 5-7.	0.3	0
95	Photoinduced Step-Growth Polymerization of <i>N</i> -Ethylcarbazole. <i>Journal of the American Chemical Society</i> , 2018, 140, 12728-12731.	13.7	58
96	A robust strategy for the synthesis of miktoarm star copolymers by combination of ROP and photoinitiated free radical polymerization. <i>European Polymer Journal</i> , 2018, 109, 499-505.	5.4	7
97	Visible light induced one-pot synthesis of amphiphilic hyperbranched copolymers. <i>Polymer</i> , 2018, 158, 90-95.	3.8	7
98	Near-Infrared Sensitized Photoinduced Atom Transfer Radical Polymerization (ATRP) with a Copper(II) Catalyst Concentration in the ppm Range. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7898-7902.	13.8	140
99	Rationalizing the regioselectivity of cationic ring-opening polymerization of benzoxazines. <i>European Polymer Journal</i> , 2018, 105, 61-67.	5.4	12
100	Nahinfrarot-sensibilisierte photoinduzierte ATRP mit einer Kupfer(II)-Katalysatorkonzentration im ppm-Bereich. <i>Angewandte Chemie</i> , 2018, 130, 8025-8030.	2.0	34
101	Visible Light Induced Cationic Polymerization of Epoxides by Using Multiwalled Carbon Nanotubes. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800250.	3.9	34
102	Metal Free Reversible-Deactivation Radical Polymerizations: Advances, Challenges, and Opportunities. <i>Polymers</i> , 2018, 10, 35.	4.5	40
103	Ring-Opening Polymerization of 1,3-Benzoxazines via Borane Catalyst. <i>Polymers</i> , 2018, 10, 239.	4.5	38
104	Surface Modification with a Catechol-Bearing Polypeptide and Sensing Applications. <i>Biomacromolecules</i> , 2018, 19, 3067-3076.	5.4	15
105	Block Copolymers by Mechanistic Transformation from PROAD to Iniferter Process. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800464.	3.9	16
106	Photoinduced Metal Free Strategies for Atom Transfer Radical Polymerization. <i>ACS Symposium Series</i> , 2018, , 263-271.	0.5	4
107	A miniature and low-cost glucose measurement system. <i>Biocybernetics and Biomedical Engineering</i> , 2018, 38, 841-849.	5.9	7
108	Hyperbranched Polymers by Light-Induced Self-Condensing Vinyl Polymerization. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800276.	3.9	23

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109	Hydrophobic coatings from photochemically prepared hydrophilic polymethacrylates via electrospraying. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1338-1344.	2.3	24
110	Simultaneous and Sequential Synthesis of Polyaniline- <i>g</i> -poly(ethylene glycol) by Combination of Oxidative Polymerization and CuAAC Click Chemistry: A Water-Soluble Instant Response Glucose Biosensor Material. <i>Macromolecules</i> , 2017, 50, 1824-1831.	4.8	22
111	An immunoelectrochemical platform for the biosensing of "Cocaine use"™. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 310-318.	7.8	23
112	Conventional Type II photoinitiators as activators for photoinduced metal-free atom transfer radical polymerization. <i>Polymer Chemistry</i> , 2017, 8, 1972-1977.	3.9	110
113	Block copolymer synthesis in one shot: concurrent metal-free ATRP and ROP processes under sunlight. <i>Polymer Chemistry</i> , 2017, 8, 2899-2903.	3.9	62
114	Double fluorescence assay via a Î²-cyclodextrin containing conjugated polymer as a biomimetic material for cocaine sensing. <i>Polymer Chemistry</i> , 2017, 8, 3333-3340.	3.9	16
115	Poly(<i>o</i> -aminophenol) prepared by Cu(<i>scp</i>) catalyzed air oxidation and its use as a bio-sensing architecture. <i>Polymer Chemistry</i> , 2017, 8, 3881-3888.	3.9	15
116	Poly(benzoxazine- <i>co</i> -sulfur): An efficient sorbent for mercury removal from aqueous solution. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45306.	2.6	44
117	Hyperbranched Polymers by Photoinduced Self-Condensing Vinyl Polymerization Using Bisbenzodioxinone. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700045.	2.2	33
118	Photoinduced Metal-Free Atom Transfer Radical Polymerization Using Highly Conjugated Thienothiophene Derivatives. <i>Macromolecules</i> , 2017, 50, 6903-6910.	4.8	68
119	Mobile Phone Sensing of Cocaine in a Lateral Flow Assay Combined with a Biomimetic Material. <i>Analytical Chemistry</i> , 2017, 89, 9629-9632.	6.5	53
120	Near-Infrared Free-Radical and Free-Radical-Promoted Cationic Photopolymerizations by In-Source Lighting Using Upconverting Glass. <i>Angewandte Chemie</i> , 2017, 129, 14699-14702.	2.0	18
121	Near-Infrared Free-Radical and Free-Radical-Promoted Cationic Photopolymerizations by In-Source Lighting Using Upconverting Glass. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14507-14510.	13.8	52
122	One-component, double-chromophoric thioxanthone photoinitiators for free radical polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3475-3482.	2.3	19
123	Poly(propylene oxide)-thioxanthone as one-component Type II polymeric photoinitiator for free radical polymerization with low migration behavior. <i>European Polymer Journal</i> , 2017, 95, 71-81.	5.4	33
124	Modification of Polyolefins by Click Chemistry. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700279.	2.2	15
125	Recycling and Self-Healing of Polybenzoxazines with Dynamic Sulfide Linkages. <i>Scientific Reports</i> , 2017, 7, 5207.	3.3	79
126	Benzodioxinone Photochemistry in Macromolecular Science: Progress, Challenges, and Opportunities. <i>ACS Macro Letters</i> , 2017, 6, 1392-1397.	4.8	15

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127	Synthesis of Hyperbranched Polymers by Photoinduced Metal-Free ATRP. <i>Macromolecules</i> , 2017, 50, 9115-9120.	4.8	70
128	Synthesis of block copolymers by mechanistic transformation from photoinitiated cationic polymerization to a RAFT process. <i>Polymer Chemistry</i> , 2017, 8, 7307-7310.	3.9	4
129	Ammonium salt catalyzed ring-opening polymerization of 1,3-benzoxazines. <i>Polymer</i> , 2017, 122, 340-346.	3.8	49
130	Living Cationic Polymerization of Vinyl Ethers through a Photoinduced Radical Oxidation/Addition/Deactivation Sequence. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 519-523.	13.8	97
131	Preparation of fluorinated methacrylate/clay nanocomposite via <i>in situ</i> polymerization: Characterization, structure, and properties. <i>Journal of Polymer Science Part A</i> , 2017, 55, 411-418.	2.3	24
132	Bioconjugation and Applications of Amino Functional Fluorescence Polymers. <i>Macromolecular Bioscience</i> , 2017, 17, 1600232.	4.1	6
133	Living Cationic Polymerization of Vinyl Ethers through a Photoinduced Radical Oxidation/Addition/Deactivation Sequence. <i>Angewandte Chemie</i> , 2017, 129, 534-538.	2.0	26
134	Photoinitiated Metal Free Living Radical and Cationic Polymerizations. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2017, 30, 385-392.	0.3	13
135	Post-Modification of Polybutadienes by Photoinduced Hydrogen Abstraction from Benzoxazines and Their Thermally Activated Curing. <i>Macromolecules</i> , 2016, 49, 5026-5032.	4.8	25
136	Hyperbranched Polymers by Type II Photoinitiated Self-Condensing Vinyl Polymerization. <i>Macromolecular Rapid Communications</i> , 2016, 37, 650-654.	3.9	42
137	Macromolecular design and application using Mn ₂ (CO) ₁₀ -based visible light photoinitiating systems. <i>Polymer International</i> , 2016, 65, 1001-1014.	3.1	43
138	Poly(<i>p</i> -phenylene) with Poly(ethylene glycol) Chains and Amino Groups as a Functional Platform for Controlled Drug Release and Radiotherapy. <i>Macromolecular Bioscience</i> , 2016, 16, 730-737.	4.1	10
139	Photoinduced Cu(0)-Mediated Atom Transfer Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 812-817.	2.2	11
140	Polymeric Thioxanthenes as Potential Anticancer and Radiotherapy Agents. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1046-1051.	3.9	16
141	Polypeptide Functional Surface for the Aptamer Immobilization: Electrochemical Cocaine Biosensing. <i>Analytical Chemistry</i> , 2016, 88, 4161-4167.	6.5	91
142	Synthesis and self-assembly of fluorene-vinylene alternating copolymers in "Hairy-Rod" architecture: side chain mediated tuning of conformation, microstructure and photophysical properties. <i>Designed Monomers and Polymers</i> , 2016, 19, 508-534.	1.6	10
143	Inverse vulcanization of bismaleimide and divinylbenzene by elemental sulfur for lithium sulfur batteries. <i>European Polymer Journal</i> , 2016, 80, 70-77.	5.4	82
144	Functional poly(<i>p</i> -phenylene)s as targeting and drug carrier materials. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 653-659.	3.4	6

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145	LED and visible light-induced metal free ATRP using reducible dyes in the presence of amines. <i>Polymer Chemistry</i> , 2016, 7, 6094-6098.	3.9	117
146	The active role of excited states of phenothiazines in photoinduced metal free atom transfer radical polymerization: singlet or triplet excited states?. <i>Polymer Chemistry</i> , 2016, 7, 6039-6043.	3.9	63
147	Photoinitiated Metal-Free Controlled/Living Radical Polymerization Using Polynuclear Aromatic Hydrocarbons. <i>Macromolecules</i> , 2016, 49, 7785-7792.	4.8	113
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