Yusuf YaÄci

List of Publications by Year
in descending order

573 papers	27,575 citations	7251 80 h-index	14779 131 g-index
585 all docs	585 docs citations	585 times ranked	12394 citing authors

#	Article	IF	Citations
1	Selfâ€Healable and Recyclable Sulfur Rich Poly(vinyl chloride) by Sâ€“S Dynamic Bonding. Macromolecular Chemistry and Physics, 2023, 224, .	1.1	7
2	Visible Light Induced Conventional Stepâ€Growth and Chainâ€Growth Condensation Polymerizations by Electrophilic Aromatic Substitution. Macromolecular Rapid Communications, 2022, 43, e2100584.	2.0	15
3	Photoinduced Controlled/Living Polymerizations. Angewandte Chemie - International Edition, 2022, 61, .	7.2	64
4	Photoinduced Controlled/Living Polymerizations. Angewandte Chemie, 2022, 134, .	1.6	5
5	Synthesis of Block Copolymers by Mechanistic Transformation from Reversible Complexation Mediated Living Radical Polymerization to the Photoinduced Radical Oxidation/Addition/Deactivation Process. ACS Macro Letters, 2022, 11, 342-346.	2.3	5
6	Fluorescent bioassay for SARS-CoV-2 detection using polypyrene-g-poly(Îµ-caprolactone) prepared by simultaneous photoinduced step-growth and ring-opening polymerizations. Mikrochimica Acta, 2022, 189, 202.	2.5	8
7	Exploiting the reversible covalent bonding of boronic acids for self-healing/recycling of main-chain polybenzoxazines. Polymer Chemistry, 2022, 13, 3631-3638.	1.9	15
8	Curable benzoxazine/siloxane hybrid networks from renewable phenolics and glycerol. European Polymer Journal, 2022, 174, 111329.	2.6	3
9	Surface modification of polybenzoxazines by electrochemical hydroquinone-quinone switch. European Polymer Journal, 2021, 142, 110157.	2.6	5
10	Synthesis of thioamide containing polybenzoxazines by the Willgerodtâ€“Kindler reaction. Polymer Chemistry, 2021, 12, 534-544.	1.9	29
11	Light induced crosslinking of main chain polybenzoxazines. Polymer Chemistry, 2021, 12, 5781-5786.	1.9	9
12	Hollow microspherical carbazole-based conjugated polymers by photoinduced step-growth polymerization. Polymer Chemistry, 2021, 12, 4654-4660.	1.9	9
13	Dimethyl amino phenyl substituted silver phthalocyanine as a UV- and visible-light absorbing photoinitiator: in situ preparation of silver/polymer nanocomposites. Polymer Chemistry, 2021, 12, 1273-1285.	1.9	10
14	A new anthraquinone derivative as a near UV and visible light photoinitiator for free-radical, thiolâ€“ene and cationic polymerizations. Polymer Chemistry, 2021, 12, 3299-3306.	1.9	15
15	Visible light induced step-growth polymerization by electrophilic aromatic substitution reactions. Chemical Communications, 2021, 57, 5398-5401.	2.2	21
16	Visible Light Induced Stepâ€Growth Polymerization by Substitution Reactions. Macromolecular Rapid Communications, 2021, 42, e2000686.	2.0	13
17	Highly conjugated visible and near-infrared light photoinitiating systems for radical and cationic polymerizations. Progress in Organic Coatings, 2021, 154, 106189.	1.9	10
18	Expanding the Scope of 2D Black Phosphorus Catalysis to the Near-Infrared Light Initiated Free Radical Photopolymerization. ACS Macro Letters, 2021, 10, 679-683.	2.3	13

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19	A Novel Photoinduced Ligation Approach for Crossâ€Linking Polymerization, Polymer Chainâ€End Functionalization, and Surface Modification Using Benzoyl Azides. Macromolecular Rapid Communications, 2021, 42, 2100166.	2.0	1
20	Phenacyl Phenothiazinium Salt as a New Broadâ€Wavelengthâ€Absorbing Photoinitiator for Cationic and Free Radical Polymerizations. Angewandte Chemie, 2021, 133, 17054-17058.	1.6	1
21	Phenacyl Phenothiazinium Salt as a New Broadâ€Wavelengthâ€Absorbing Photoinitiator for Cationic and Free Radical Polymerizations. Angewandte Chemie - International Edition, 2021, 60, 16917-16921.	7.2	33
22	Mussel-Inspired Coatings by Photoinduced Electron-Transfer Reactions: Photopolymerization of Dopamine under UV, Visible, and Daylight under Oxygen-Free Conditions. Macromolecules, 2021, 54, 5991-5999.	2.2	12
23	Catalyzing the Ring-Opening Polymerization of 1,3-Benzoxazines via Thioamide from Renewable Sources. ACS Applied Polymer Materials, 2021, 3, 4203-4212.	2.0	10
24	Exfoliated black phosphorous-mediated CuAAC chemistry for organic and macromolecular synthesis under white LED and near-IR irradiation. Beilstein Journal of Organic Chemistry, 2021, 17, 2477-2487.	1.3	4
25	Directly and Indirectly Acting Photoinitiating Systems for Ringâ€Opening Polymerization of Ïµâ€Caprolactone. ChemPhotoChem, 2021, 5, 1089-1093.	1.5	4
26	Light induced step-growth polymerization of Donor-Acceptor-Donor (DAD) type monomers based on thiophene â€“ [1,2,5] Chalcogenazolo[3,4-f]-benzo [1,2,3] triazole â€“ Thiophene. European Polymer Journal, 2021, 161, 110831.	2.6	7
27	A Simple Photochemical Route to Hyperbranched Polymers by Using Photolatent Inimer. Macromolecular Chemistry and Physics, 2021, 222, 2000408.	1.1	3
28	Contemporary Approaches for Conventional and Lightâ€Mediated Synthesis of Conjugated Heteroaromatic Polymers. Macromolecular Chemistry and Physics, 2021, 222, 2100334.	1.1	10
29	Complex macromolecular structures from stable radical containing block copolymers. Journal of Polymer Science, 2020, 58, 62-69.	2.0	2
30	A new ethanol biosensor based on polyfluorene-g-poly(ethylene glycol) and multiwalled carbon nanotubes. European Polymer Journal, 2020, 122, 109300.	2.6	19
31	The Journey of Phenolics from the First Spark to Advanced Materials. Israel Journal of Chemistry, 2020, 60, 20-32.	1.0	23
32	Cyanuric chloride as a potent catalyst for the reduction of curing temperature of benzoxazines. Polymer Chemistry, 2020, 11, 1025-1032.	1.9	23
33	Photoinduced free radical promoted cationic polymerization 40 years after its discovery. Polymer Chemistry, 2020, 11, 1111-1121.	1.9	79
34	Visible Light Anthraquinone Functional Phthalocyanine Photoinitiator for Free-Radical and Cationic Polymerizations. Macromolecules, 2020, 53, 112-124.	2.2	44
35	Catechol-Attached Polypeptide with Functional Groups as Electrochemical Sensing Platform for Synthetic Cannabinoids. ACS Applied Polymer Materials, 2020, 2, 172-177.	2.0	9
36	Light-induced step-growth polymerization. Progress in Polymer Science, 2020, 100, 101178.	11.8	75

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37	Mechanistic Transformations Involving Radical and Cationic Polymerizations. Chinese Journal of Polymer Science (English Edition), 2020, 38, 205-212.	2.0	13
38	An oxygen-tolerant visible light induced free radical polymerization using mesoporous graphitic carbon nitride. European Polymer Journal, 2020, 122, 109410.	2.6	24
39	Cellulose-based polyacetals by direct and sensitized photocationic ring-opening polymerization of levoglucosenyl methyl ether. Polymer Chemistry, 2020, 11, 6884-6889.	1.9	7
40	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	1.1	69
41	Photoinduced <scp>stepâ€growth</scp> 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.	2.0	35
42	N â€Acyl Dibenzazepine Chemistry as Versatile Approach for Photoreversible Thiolâ€Ene Networks. Macromolecular Rapid Communications, 2020, 41, 2000369.	2.0	2
43	Photopolymerization of Macroscale Black 3D Objects Using Near-Infrared Photochemistry. ACS Applied Materials & Interfaces, 2020, 12, 58287-58294.	4.0	32
44	pHâ€Responsive Micelleâ€Forming Amphiphilic Triblock Copolymers. Macromolecular Chemistry and Physics, 2020, 221, 2000109.	1.1	5
45	Advanced Thermosets from Sulfur and Renewable Benzoxazine and Ionones via Inverse Vulcanization. ACS Sustainable Chemistry and Engineering, 2020, 8, 9145-9155.	3.2	39
46	Polypyrenes by Photoinduced Step-Growth Polymerization. Macromolecules, 2020, 53, 5787-5794.	2.2	39
47	Visible light photoinitiating systems by charge transfer complexes: Photochemistry without dyes. Progress in Polymer Science, 2020, 107, 101277.	11.8	77
48	Chemiluminescence Induced Cationic Photopolymerization Using Sulfonium Salt. ACS Macro Letters, 2020, 9, 471-475.	2.3	18
49	Advanced Polymers from Simple Benzoxazines and Phenols by Ring-Opening Addition Reactions. Macromolecules, 2020, 53, 2354-2361.	2.2	32
50	Chemiluminescenceâ€Induced Free Radicalâ€“Promoted Cationic Polymerization. Macromolecular Rapid Communications, 2020, 41, 2000004.	2.0	10
51	Fluoreneâ€“Carbazole-Based Porous Polymers by Photoinduced Electron Transfer Reactions. Macromolecules, 2020, 53, 1645-1651.	2.2	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.	1.9	13
53	Complex macromolecular structures from stable radical containing block copolymers. Journal of Polymer Science, 2020, 58, 62-69.	2.0	0
54	Modular photoinduced grafting onto approach by ketene chemistry. Journal of Polymer Science Part A, 2019, 57, 274-280.	2.5	7

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55	Highly efficient dandelion-like near-infrared light photoinitiator for free radical and thiol-ene photopolymerizations. Nature Communications, 2019, 10, 3560.	5.8	99
56	Nearâ€IR and UVâ€LED Sensitized Photopolymerization with Onium Salts Comprising Anions of Different Nucleophilicities. ChemPhotoChem, 2019, 3, 1127-1132.	1.5	37
57	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
58	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
59	Celluloseâ€Derived Functional Polyacetal by Cationic Ringâ€Opening Polymerization of Levoglucosenyl Methyl Ether. Angewandte Chemie, 2019, 131, 18663-18666.	1.6	6
60	Celluloseâ€Derived Functional Polyacetal by Cationic Ringâ€Opening Polymerization of Levoglucosenyl Methyl Ether. Angewandte Chemie - International Edition, 2019, 58, 18492-18495.	7.2	25
61	Photoinduced synthesis of poly(N-ethylcarbazole) from phenacylium salt without conventional catalyst and/or monomer. Chemical Communications, 2019, 55, 11531-11534.	2.2	28
62	Combining polybenzoxazines and polybutadienes via simultaneous inverse and direct vulcanization for flexible and recyclable thermosets by polysulfide dynamic bonding. Polymer Chemistry, 2019, 10, 5743-5750.	1.9	29
63	pH-Responsive Polymersome Microparticles as Smart Cyclodextrin-Releasing Agents. Biomacromolecules, 2019, 20, 4001-4007.	2.6	25
64	Coumarines as masked phenols for amide functional benzoxazines. Polymer Chemistry, 2019, 10, 1268-1275.	1.9	37
65	A versatile approach for the preparation of endâ€functional polymers and block copolymers by stable radical exchange reactions. Journal of Polymer Science Part A, 2019, 57, 2387-2395.	2.5	1
66	Controlled Synthesis of Block Copolymers by Mechanistic Transformation from Atom Transfer Radical Polymerization to Iniferter Process. Macromolecular Rapid Communications, 2019, 40, 1900109.	2.0	10
67	Hydrophilicity Tunable Hyperbranched Polymers by Visible Light Induced Selfâ€Condensing Vinyl Polymerization. Macromolecular Chemistry and Physics, 2019, 220, 1900055.	1.1	6
68	One-Pot Synthesis of Amide-Functional Main-Chain Polybenzoxazine Precursors. Polymers, 2019, 11, 679.	2.0	18
69	Nearâ€Infrared Photoinduced Copperâ€Catalyzed Azideâ€Alkyne Click Chemistry with a Cyanine Comprising a Barbiturate Group. ChemPhotoChem, 2019, 3, 1180-1186.	1.5	23
70	Visible light induced free radical promoted cationic polymerization using acylsilanes. Progress in Organic Coatings, 2019, 132, 139-143.	1.9	37
71	Nearâ€Infraredâ€Induced Cationic Polymerization Initiated by Using Upconverting Nanoparticles and Titanocene. Macromolecular Rapid Communications, 2019, 40, e1900047.	2.0	47
72	Visible light induced radical coupling reactions for the synthesis of conventional polycondensates. Polymer Chemistry, 2019, 10, 5652-5658.	1.9	21

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73	Near-infrared light induced cationic polymerization based on upconversion and ferrocenium photochemistry. Polymer Chemistry, 2019, 10, 5574-5577.	1.9	28
74	Counterion Effect of Amine Salts on Ringâ€Opening Polymerization of 1,3â€Benzoxazines. Macromolecular Chemistry and Physics, 2019, 220, 1800268.	1.1	29
75	Cyclodextrinâ€Based Macromolecular Systems as Cholesterolâ€Mopping Therapeutic Agents in Niemannâ€“Pick Disease Type C. Macromolecular Rapid Communications, 2019, 40, e1800557.	2.0	37
76	Effect of clay on the dielectric properties of novel fluorinated methacrylate nanocomposites. Polymer Composites, 2019, 40, 3333-3341.	2.3	11
77	Gold nanoparticle conjugated poly(p -phenylene-Î²-cyclodextrin)-graft -poly(ethylene glycol) for theranostic applications. Journal of Applied Polymer Science, 2019, 136, 47250.	1.3	22
78	A Chargeâ€Transfer Complex of Thioxanthonephenacyl Sulfonium Salt as a Visibleâ€Light Photoinitiator for Free Radical and Cationic Polymerizations. ChemPhotoChem, 2019, 3, 1187-1192.	1.5	50
79	Phenolic Naphthoxazines as Curing Promoters for Benzoxazines. Macromolecules, 2018, 51, 1688-1695.	2.2	63
80	A Functional Platform for the Detection of JWH-073 as a Model for Synthetic Cannabinoids. ChemElectroChem, 2018, 5, 1253-1258.	1.7	19
81	â€œBiomimetic-electrochemical-sensory-platformâ€•for biomolecule free cocaine testing. Materials Science and Engineering C, 2018, 90, 211-218.	3.8	11
82	Light-induced cross-linking and post-cross-linking modification of polyglycidol. Chemical Communications, 2018, 54, 1647-1650.	2.2	10
83	Simple Photochemical Route to Block Copolymers via Twoâ€Step Sequential Type II Photoinitiation. Macromolecular Chemistry and Physics, 2018, 219, 1700589.	1.1	7
84	Functional Surfaces Constructed with Hyperbranched Copolymers as Optical Imaging and Electrochemical Cell Sensing Platforms. Macromolecular Chemistry and Physics, 2018, 219, 1700433.	1.1	11
85	Combining benzoxazine and ketene chemistries for self-healing of high performance thermoset surfaces. Polymer Chemistry, 2018, 9, 2031-2039.	1.9	37
86	Photoinduced metal-free atom transfer radical polymerizations: state-of-the-art, mechanistic aspects and applications. Polymer Chemistry, 2018, 9, 1757-1762.	1.9	80
87	An efficient, heterogeneous, reusable atom transfer radical polymerization catalyst. Polymer International, 2018, 67, 55-60.	1.6	8
88	Main-chain benzoxazine precursor block copolymers. Polymer Chemistry, 2018, 9, 178-183.	1.9	53
89	Diphenylphenacyl sulfonium salt as dual photoinitiator for free radical and cationic polymerizations. Journal of Polymer Science Part A, 2018, 56, 451-457.	2.5	21
90	Multi-mode Polymerizations Involving Photoinduced Radical Polymerization. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 719-725.	0.1	7

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91	Visible light-induced free radical promoted cationic polymerization using organotellurium compounds. Polymer Chemistry, 2018, 9, 5639-5643.	1.9	24
92	Benzoxazine-Based Thermoset with Autonomous Self-Healing and Shape Recovery. Macromolecules, 2018, 51, 10095-10103.	2.2	62
93	Photochemical, Thermal Free Radical, and Cationic Polymerizations Promoted by Charge Transfer Complexes: Simple Strategy for the Fabrication of Thick Composites. Macromolecules, 2018, 51, 7872-7880.	2.2	47
94	The Photopolymer Science and Technology Award. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 5-7.	0.1	0
95	Photoinduced Step-Growth Polymerization of N-Ethylcarbazole. Journal of the American Chemical Society, 2018, 140, 12728-12731.	6.6	58
96	A robust strategy for the synthesis of miktoarm star copolymers by combination of ROP and photoinitiated free radical polymerization. European Polymer Journal, 2018, 109, 499-505.	2.6	7
97	Visible light induced one-pot synthesis of amphiphilic hyperbranched copolymers. Polymer, 2018, 158, 90-95.	1.8	7
98	Nearâ€Infrared Sensitized Photoinduced Atomâ€Transfer Radical Polymerization (ATRP) with a Copper(II) Catalyst Concentration in the ppm Range. Angewandte Chemie - International Edition, 2018, 57, 7898-7902.	7.2	140
99	Rationalizing the regioselectivity of cationic ring-opening polymerization of benzoxazines. European Polymer Journal, 2018, 105, 61-67.	2.6	12
100	Nahinfrarotâ€sensibilisierte photoinduzierte ATRP mit einer Kupfer(II)â€Katalysatorkonzentration im ppmâ€Bereich. Angewandte Chemie, 2018, 130, 8025-8030.	1.6	34
101	Visible Light Induced Cationic Polymerization of Epoxides by Using Multiwalled Carbon Nanotubes. Macromolecular Rapid Communications, 2018, 39, e1800250.	2.0	34
102	Metal Free Reversible-Deactivation Radical Polymerizations: Advances, Challenges, and Opportunities. Polymers, 2018, 10, 35.	2.0	40
103	Ring-Opening Polymerization of 1,3-Benzoxazines via Borane Catalyst. Polymers, 2018, 10, 239.	2.0	38
104	Surface Modification with a Catechol-Bearing Polypeptide and Sensing Applications. Biomacromolecules, 2018, 19, 3067-3076.	2.6	15
105	Block Copolymers by Mechanistic Transformation from PROAD to Iniferter Process. Macromolecular Rapid Communications, 2018, 39, e1800464.	2.0	16
106	Photoinduced Metal Free Strategies for Atom Transfer Radical Polymerization. ACS Symposium Series, 2018, , 263-271.	0.5	4
107	A miniature and low-cost glucose measurement system. Biocybernetics and Biomedical Engineering, 2018, 38, 841-849.	3.3	7
108	Hyperbranched Polymers by Lightâ€Induced Selfâ€Condensing Vinyl Polymerization. Macromolecular Rapid Communications, 2018, 39, e1800276.	2.0	23

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109	Hydrophobic coatings from photochemically prepared hydrophilic polymethacrylates via electrospraying. Journal of Polymer Science Part A, 2017, 55, 1338-1344.	2.5	24
110	Simultaneous and Sequential Synthesis of Polyaniline-g-poly(ethylene glycol) by Combination of Oxidative Polymerization and CuAAC Click Chemistry: A Water-Soluble Instant Response Glucose Biosensor Material. Macromolecules, 2017, 50, 1824-1831.	2.2	22
111	An immunoelectrochemical platform for the biosensing of â€˜Cocaine useâ€™. Sensors and Actuators B: Chemical, 2017, 246, 310-318.	4.0	23
112	Conventional Type II photoinitiators as activators for photoinduced metal-free atom transfer radical polymerization. Polymer Chemistry, 2017, 8, 1972-1977.	1.9	110
113	Block copolymer synthesis in one shot: concurrent metal-free ATRP and ROP processes under sunlight. Polymer Chemistry, 2017, 8, 2899-2903.	1.9	62
114	Double fluorescence assay via a Î²-cyclodextrin containing conjugated polymer as a biomimetic material for cocaine sensing. Polymer Chemistry, 2017, 8, 3333-3340.	1.9	16
115	Poly(o-aminophenol) prepared by Cu(<scp>ii</scp>) catalyzed air oxidation and its use as a bio-sensing architecture. Polymer Chemistry, 2017, 8, 3881-3888.	1.9	15
116	Poly(benzoxazineâ€coâ€sulfur): An efficient sorbent for mercury removal from aqueous solution. Journal of Applied Polymer Science, 2017, 134, 45306.	1.3	44
117	Hyperbranched Polymers by Photoinduced Selfâ€Condensing Vinyl Polymerization Using Bisbenzodioxinone. Macromolecular Chemistry and Physics, 2017, 218, 1700045.	1.1	33
118	Photoinduced Metal-Free Atom Transfer Radical Polymerization Using Highly Conjugated Thienothiophene Derivatives. Macromolecules, 2017, 50, 6903-6910.	2.2	68
119	Mobile Phone Sensing of Cocaine in a Lateral Flow Assay Combined with a Biomimetic Material. Analytical Chemistry, 2017, 89, 9629-9632.	3.2	53
120	Nearâ€Infrared Freeâ€Radical and Freeâ€Radicalâ€Promoted Cationic Photopolymerizations by Inâ€Source Lighting Using Upconverting Glass. Angewandte Chemie, 2017, 129, 14699-14702.	1.6	18
121	Nearâ€Infrared Freeâ€Radical and Freeâ€Radicalâ€Promoted Cationic Photopolymerizations by Inâ€Source Lighting Using Upconverting Glass. Angewandte Chemie - International Edition, 2017, 56, 14507-14510.	7.2	52
122	Oneâ€component, doubleâ€chromophoric thioxanthone photoinitiators for free radical polymerization. Journal of Polymer Science Part A, 2017, 55, 3475-3482.	2.5	19
123	Poly(propylene oxide)-thioxanthone as one-component Type II polymeric photoinitiator for free radical polymerization with low migration behavior. European Polymer Journal, 2017, 95, 71-81.	2.6	33
124	Modification of Polyolefins by Click Chemistry. Macromolecular Chemistry and Physics, 2017, 218, 1700279.	1.1	15
125	Recycling and Self-Healing of Polybenzoxazines with Dynamic Sulfide Linkages. Scientific Reports, 2017, 7, 5207.	1.6	79
126	Benzodioxinone Photochemistry in Macromolecular Science: Progress, Challenges, and Opportunities. ACS Macro Letters, 2017, 6, 1392-1397.	2.3	15

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127	Synthesis of Hyperbranched Polymers by Photoinduced Metal-Free ATRP. Macromolecules, 2017, 50, 9115-9120.	2.2	70
128	Synthesis of block copolymers by mechanistic transformation from photoinitiated cationic polymerization to a RAFT process. Polymer Chemistry, 2017, 8, 7307-7310.	1.9	4
129	Ammonium salt catalyzed ring-opening polymerization of 1,3-benzoxazines. Polymer, 2017, 122, 340-346.	1.8	49
130	Living Cationic Polymerization of Vinyl Ethers through a Photoinduced Radical Oxidation/Addition/Deactivation Sequence. Angewandte Chemie - International Edition, 2017, 56, 519-523.	7.2	97
131	Preparation of fluorinated methacrylate/clay nanocomposite via inâ€situ polymerization: Characterization, structure, and properties. Journal of Polymer Science Part A, 2017, 55, 411-418.	2.5	24
132	Bioconjugation and Applications of Amino Functional Fluorescence Polymers. Macromolecular Bioscience, 2017, 17, 1600232.	2.1	6
133	Living Cationic Polymerization of Vinyl Ethers through a Photoinduced Radical Oxidation/Addition/Deactivation Sequence. Angewandte Chemie, 2017, 129, 534-538.	1.6	26
134	Photoinitiated Metal Free Living Radical and Cationic Polymerizations. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2017, 30, 385-392.	0.1	13
135	Post-Modification of Polybutadienes by Photoinduced Hydrogen Abstraction from Benzoxazines and Their Thermally Activated Curing. Macromolecules, 2016, 49, 5026-5032.	2.2	25
136	Hyperbranched Polymers by Type II Photoinitiated Self-Condensing Vinyl Polymerization. Macromolecular Rapid Communications, 2016, 37, 650-654.	2.0	42
137	Macromolecular design and application using Mn₂(<scp>CO</scp>)₁₀â€based visible light photoinitiating systems. Polymer International, 2016, 65, 1001-1014.	1.6	43
138	Poly(pâ€phenylene) with Poly(ethylene glycol) Chains and Amino Groups as a Functional Platform for Controlled Drug Release and Radiotherapy. Macromolecular Bioscience, 2016, 16, 730-737.	2.1	10
139	Photoinduced Cu(0)â€Mediated Atom Transfer Radical Polymerization. Macromolecular Chemistry and Physics, 2016, 217, 812-817.	1.1	11
140	Polymeric Thioxanthones as Potential Anticancer and Radiotherapy Agents. Macromolecular Rapid Communications, 2016, 37, 1046-1051.	2.0	16
141	Polypeptide Functional Surface for the Aptamer Immobilization: Electrochemical Cocaine Biosensing. Analytical Chemistry, 2016, 88, 4161-4167.	3.2	91
142	Synthesis and self-assembly of fluorene-vinylene alternating copolymers in â€œHairy-Rodâ€•architecture: side chain â€“ mediated tuning of conformation, microstructure and photophysical properties. Designed Monomers and Polymers, 2016, 19, 508-534.	0.7	10
143	Inverse vulcanization of bismaleimide and divinylbenzene by elemental sulfur for lithium sulfur batteries. European Polymer Journal, 2016, 80, 70-77.	2.6	82
144	Functional poly(p-phenylene)s as targeting and drug carrier materials. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 653-659.	1.8	6

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145	LED and visible light-induced metal free ATRP using reducible dyes in the presence of amines. Polymer Chemistry, 2016, 7, 6094-6098.	1.9	117
146	The active role of excited states of phenothiazines in photoinduced metal free atom transfer radical polymerization: singlet or triplet excited states?. Polymer Chemistry, 2016, 7, 6039-6043.	1.9	63
147	Photoinitiated Metal-Free Controlled/Living Radical Polymerization Using Polynuclear Aromatic Hydrocarbons. Macromolecules, 2016, 49, 7785-7792.	2.2	113
148	Polypeptide with electroactive endgroups as sensing platform for the abused drug â€˜methamphetamineâ€™ by bioelectrochemical method. Talanta, 2016, 161, 789-796.	2.9	46
149	Diazonium salts for surface-confined visible light radical photopolymerization. Journal of Polymer Science Part A, 2016, 54, 3506-3515.	2.5	15
150	Photomediated controlled radical polymerization. Progress in Polymer Science, 2016, 62, 73-125.	11.8	537
151	Synthesis and application of a novel poly-l-phenylalanine electroactive macromonomer as matrix for the biosensing of â€˜Abused Drugâ€™ model. Polymer Chemistry, 2016, 7, 7304-7315.	1.9	14
152	Melamine-based microporous polymer for highly efficient removal of copper(II) from aqueous solution. Polymer International, 2016, 65, 439-445.	1.6	36
153	Complex Structured Fluorescent Polythiophene Graft Copolymer as a Versatile Tool for Imaging, Targeted Delivery of Paclitaxel, and Radiotherapy. Biomacromolecules, 2016, 17, 2399-2408.	2.6	17
154	Combining Elemental Sulfur with Polybenzoxazines via Inverse Vulcanization. Macromolecules, 2016, 49, 767-773.	2.2	132
155	Photoinduced Electron Transfer Reactions for Macromolecular Syntheses. Chemical Reviews, 2016, 116, 10212-10275.	23.0	677
156	Fullerene-Attached Polymeric Homogeneous/Heterogeneous Photoactivators for Visible-Light-Induced CuAAC Click Reactions. ACS Macro Letters, 2016, 5, 103-107.	2.3	26
157	Externally stimulated click reactions for macromolecular syntheses. Progress in Polymer Science, 2016, 52, 19-78.	11.8	103
158	Synthesis, Characterization and Photoinduced Cross-linking of Functionalized Poly(cyclohexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 769-774.	0.1	5
159	Bioapplications of Polythiophene-g-Polyphenylalanine-Covered Surfaces. Macromolecular Chemistry and Physics, 2015, 216, 1868-1878.	1.1	28
160	Oneâ€Pot, Oneâ€Step Strategy for the Preparation of Clickable Melamine Based Microporous Organic Polymer Network. Macromolecular Materials and Engineering, 2015, 300, 1116-1122.	1.7	24
161	Synthesis and characterization of polyphenylenes with polypeptide and poly(ethylene glycol) side chains. Journal of Polymer Science Part A, 2015, 53, 1785-1793.	2.5	22
162	Phenacyl Ethyl Carbazolium as a Long Wavelength Photoinitiator for Free Radical Polymerization. Macromolecular Rapid Communications, 2015, 36, 2070-2075.	2.0	24

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