

Yusuf YaÄci

List of Publications by Year in descending order

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573
papers

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6254

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Photoinitiated Polymerization: Advances, Challenges, and Opportunities. <i>Macromolecules</i> , 2010, 43, 6245-6260.	4.8	1,111
2	Polybenzoxazinesâ€”New high performance thermosetting resins: Synthesis and properties. <i>Progress in Polymer Science</i> , 2007, 32, 1344-1391.	24.7	1,023
3	Photoinduced Electron Transfer Reactions for Macromolecular Syntheses. <i>Chemical Reviews</i> , 2016, 116, 10212-10275.	47.7	677
4	Photomediated controlled radical polymerization. <i>Progress in Polymer Science</i> , 2016, 62, 73-125.	24.7	537
5	Recent advancement on polybenzoxazineâ€”A newly developed high performance thermoset. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5565-5576.	2.3	433
6	Lightâ€”Induced Click Reactions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5930-5938.	13.8	394
7	Telechelic polymers by living and controlled/living polymerization methods. <i>Progress in Polymer Science</i> , 2011, 36, 455-567.	24.7	361
8	Mechanistic transformations involving living and controlled/living polymerization methods. <i>Progress in Polymer Science</i> , 2006, 31, 1133-1170.	24.7	324
9	Anthraceneâ€”Maleimide-Based Dielsâ€”Alder â€œClick Chemistryâ€”as a Novel Route to Graft Copolymers. <i>Macromolecules</i> , 2006, 39, 5330-5336.	4.8	271
10	Externally stimulated initiator systems for cationic polymerization. <i>Progress in Polymer Science</i> , 1998, 23, 1485-1538.	24.7	258
11	Photoinduced Controlled Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2011, 32, 58-62.	3.9	237
12	Influence of Type of Initiation on Thiolâ€”Ene â€œClickâ€”Chemistry. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 103-110.	2.2	218
13	Polybenzoxazineâ€”based composites as highâ€”performance materials. <i>Polymer International</i> , 2011, 60, 167-177.	3.1	211
14	Shining a light on an adaptable photoinitiator: advances in photopolymerizations initiated by thioxanthenes. <i>Polymer Chemistry</i> , 2015, 6, 6595-6615.	3.9	182
15	2-Mercaptothioxanthone as a Novel Photoinitiator for Free Radical Polymerization. <i>Macromolecules</i> , 2003, 36, 2649-2653.	4.8	181
16	One-Component Bimolecular Photoinitiating Systems, 2. <i>Macromolecular Rapid Communications</i> , 2003, 24, 718-723.	3.9	171
17	Photoinduced Controlled Radical Polymerization in Methanol. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2271-2275.	2.2	168
18	In Situ Synthesis of Silverâ€”Epoxy Nanocomposites by Photoinduced Electron Transfer and Cationic Polymerization Processes. <i>Macromolecules</i> , 2007, 40, 8827-8829.	4.8	156

#	ARTICLE	IF	CITATIONS
19	Thermally Curable Polystyrene via Click Chemistry. <i>Macromolecules</i> , 2007, 40, 4724-4727.	4.8	154
20	Thioxanthone~Anthracene:~A New Photoinitiator for Free Radical Polymerization in the Presence of Oxygen. <i>Macromolecules</i> , 2007, 40, 4138-4141.	4.8	153
21	Synthesis, characterization, and properties of new thermally curable polyetheresters containing benzoxazine moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2008, 46, 414-420.	2.3	153
22	Visible Light~Induced Atom Transfer Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1391-1396.	2.2	153
23	Sunlight induced atom transfer radical polymerization by using dimanganese decacarbonyl. <i>Polymer Chemistry</i> , 2014, 5, 600-606.	3.9	152
24	Photoinduced Free Radical Promoted Copper(I)-Catalyzed Click Chemistry for Macromolecular Syntheses. <i>Macromolecules</i> , 2012, 45, 56-61.	4.8	149
25	Synthesis, characterization, and thermally activated curing of oligosiloxanes containing benzoxazine moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2009, 47, 804-811.	2.3	148
26	Photoinitiated atom transfer radical polymerization: Current status and future perspectives. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2878-2888.	2.3	148
27	Visible Light Initiated Free Radical Promoted Cationic Polymerization Using Acylgermane Based Photoinitiator in the Presence of Onium Salts. <i>Macromolecules</i> , 2008, 41, 6714-6718.	4.8	143
28	Light-induced copper(I)-catalyzed click chemistry. <i>Tetrahedron Letters</i> , 2010, 51, 6945-6947.	1.4	143
29	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
30	Thermally curable benzoxazine monomer with a photodimerizable coumarin group. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1670-1676.	2.3	136
31	Photochemical and thermal cationic polymerizations promoted by free radical initiators. <i>Polymer</i> , 1978, 19, 1219-1222.	3.8	134
32	Mechanistic Study of Photoinitiated Free Radical Polymerization Using Thioxanthone Thioacetic Acid as One-Component Type II Photoinitiator. <i>Macromolecules</i> , 2005, 38, 4133-4138.	4.8	134
33	Studies on Photoinduced ATRP in the Presence of Photoinitiator. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2036-2042.	2.2	133
34	Combining Elemental Sulfur with Polybenzoxazines via Inverse Vulcanization. <i>Macromolecules</i> , 2016, 49, 767-773.	4.8	132
35	Thioxanthone~Fluorenes as Visible Light Photoinitiators for Free Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 4520-4526.	4.8	131
36	Thermally curable polyvinylchloride via click chemistry. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3512-3518.	2.3	126

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37	Synthesis and Characterization of Polymeric Thioxanthone Photoinitiators via Double Click Reactions. <i>Macromolecules</i> , 2008, 41, 2401-2405.	4.8	123
38	Thermally Curable Acetylene-Containing Main-Chain Benzoxazine Polymers via Sonogashira Coupling Reaction. <i>Macromolecules</i> , 2011, 44, 1801-1807.	4.8	123
39	Mesoporous Graphitic Carbon Nitride as a Heterogeneous Visible Light Photoinitiator for Radical Polymerization. <i>ACS Macro Letters</i> , 2012, 1, 546-549.	4.8	122
40	Free radical promoted cationic polymerization by using bisacylphosphine oxide photoinitiators: substituent effect on the reactivity of phosphinoyl radicals. <i>Polymer</i> , 2003, 44, 7389-7396.	3.8	120
41	Photoinduced Atom Transfer Radical Polymerization Using Semiconductor Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2014, 35, 454-459.	3.9	120
42	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
43	Benzoxazine-Based Thermosets with Autonomous Self-Healing Ability. <i>Macromolecules</i> , 2015, 48, 1329-1334.	4.8	116
44	N-alkoxy-pyridinium and N-alkoxy-quinolinium salts as initiators for cationic photopolymerizations. <i>Journal of Polymer Science Part A</i> , 1992, 30, 1987-1991.	2.3	114
45	Synthesis and characterization of fluid 1,3-benzoxazine monomers and their thermally activated curing. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6955-6961.	2.3	113
46	Photoinitiated Metal-Free Controlled/Living Radical Polymerization Using Polynuclear Aromatic Hydrocarbons. <i>Macromolecules</i> , 2016, 49, 7785-7792.	4.8	113
47	A visible light photochemical route to silver-epoxy nanocomposites by simultaneous polymerization-reduction approach. <i>Polymer</i> , 2008, 49, 5195-5198.	3.8	112
48	Recent advances in the preparation of functionalized polysulfones. <i>Polymer International</i> , 2013, 62, 991-1007.	3.1	112
49	Photoinitiated ATRP in Inverse Microemulsion. <i>Macromolecules</i> , 2013, 46, 9537-9543.	4.8	112
50	Photochemically Mediated Atom Transfer Radical Polymerization Using Polymeric Semiconductor Mesoporous Graphitic Carbon Nitride. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 675-681.	2.2	111
51	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
52	Microporous Thioxanthone Polymers as Heterogeneous Photoinitiators for Visible Light Induced Free Radical and Cationic Polymerizations. <i>Macromolecules</i> , 2014, 47, 4607-4614.	4.8	109
53	Synthesis and Characterization of Macrophotoinitiators of Poly(μ -caprolactone) and Their Use in Block Copolymerization. <i>Macromolecules</i> , 2002, 35, 8265-8270.	4.8	107
54	Polytetrahydrofuran/Clay Nanocomposites by In Situ Polymerization and Click-Chemistry Processes. <i>Macromolecules</i> , 2008, 41, 6035-6040.	4.8	105

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55	Externally stimulated click reactions for macromolecular syntheses. <i>Progress in Polymer Science</i> , 2016, 52, 19-78.	24.7	103
56	Synthesis and Characterization of \pm , \bar{I} %-Telechelic Polymers by Atom Transfer Radical Polymerization and Coupling Processes. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1771-1783.	2.2	101
57	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
58	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
59	Mechanism of Photoinduced Step Polymerization of Thiophene by Onium Salts: $\hat{\text{A}}$ % Reactions of Phenyliodonium and Diphenylsulfonium Radical Cations with Thiophene. <i>Macromolecules</i> , 2007, 40, 4481-4485.	4.8	96
60	Mechanistic and kinetic studies on the photoinitiated polymerization of tetrahydrofuran. <i>Journal of Polymer Science Part A</i> , 1988, 26, 1911-1918.	2.3	95
61	Thermally curable main-chain benzoxazine prepolymers via polycondensation route. <i>Reactive and Functional Polymers</i> , 2013, 73, 346-359.	4.1	95
62	Photoinitiated cationic polymerization of monofunctional benzoxazine. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3320-3328.	2.3	94
63	Thioxanthone-ethylcarbazole as a soluble visible light photoinitiator for free radical and free radical promoted cationic polymerizations. <i>Polymer Chemistry</i> , 2011, 2, 2557.	3.9	93
64	Synthesis and Characterization of One-Component Polymeric Photoinitiator by Simultaneous Double Click Reactions and Its Use in Photoinduced Free Radical Polymerization. <i>Macromolecules</i> , 2009, 42, 6098-6106.	4.8	91
65	Polypeptide Functional Surface for the Aptamer Immobilization: Electrochemical Cocaine Biosensing. <i>Analytical Chemistry</i> , 2016, 88, 4161-4167.	6.5	91
66	A Novel Visible Light Initiating System for Cationic Polymerization. <i>Macromolecules</i> , 1999, 32, 6367-6370.	4.8	90
67	Benzoxazine containing polyester thermosets with improved adhesion and flexibility. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4279-4284.	2.3	90
68	A new photoiniferter/RAFT agent for ambient temperature rapid and well $\hat{\text{A}}$ controlled radical polymerization. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3387-3395.	2.3	89
69	Light-induced synthesis of block and graft copolymers. <i>Progress in Polymer Science</i> , 1990, 15, 551-601.	24.7	88
70	Self-Curable Benzoxazine Functional Polybutadienes Synthesized by Click Chemistry. <i>Designed Monomers and Polymers</i> , 2009, 12, 167-176.	1.6	87
71	Visible light induced free radical promoted cationic polymerization using thioxanthone derivatives. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1591-1596.	2.3	87
72	Clay-PMMA Nanocomposites by Photoinitiated Radical Polymerization Using Intercalated Phenacyl Pyridinium Salt Initiators. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 820-826.	2.2	86

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73	Thioxanthoneâ€“carbazole as a visible light photoinitiator for free radical polymerization. Journal of Polymer Science Part A, 2010, 48, 5120-5125.	2.3	86
74	Initiation of cationic polymerization via oxidation of free radicals using pyridinium salts. Polymer, 1991, 32, 2289-2293.	3.8	85
75	Photosensitized cationic polymerization using N-ethoxy-2-methylpyridinium hexafluorophosphate. Polymer, 1993, 34, 1130-1133.	3.8	85
76	Photoinitiated Free Radical Polymerization Using Benzoxazines as Hydrogen Donors. Macromolecular Rapid Communications, 2006, 27, 1539-1544.	3.9	85
77	In situ synthesis of gold-cross-linked poly(ethylene glycol) nanocomposites by photoinduced electron transfer and free radical polymerization processes. Chemical Communications, 2008, , 2771.	4.1	85
78	Polysiloxaneâ€“containing benzoxazine moieties in the main chain. Journal of Polymer Science Part A, 2010, 48, 5156-5162.	2.3	85
79	Synthesis and Characterization of Thermally Curable Benzoxazine-Functionalized Polystyrene Macromonomers. Macromolecular Rapid Communications, 2005, 26, 819-824.	3.9	84
80	Photoinduced Polymerization of Thiophene Using Iodonium Salt. Macromolecular Chemistry and Physics, 2005, 206, 1178-1182.	2.2	82
81	Synthesis and Characterization of Goldâ€“Epoxy Nanocomposites by Visible Light Photoinduced Electron Transfer and Cationic Polymerization Processes. Macromolecules, 2008, 41, 7268-7270.	4.8	82
82	Inverse vulcanization of bismaleimide and divinylbenzene by elemental sulfur for lithium sulfur batteries. European Polymer Journal, 2016, 80, 70-77.	5.4	82
83	Block copolymers by combination of radical and promoted cationic polymerization routes. Macromolecules, 1991, 24, 4620-4623.	4.8	81
84	Sugar overcomes oxygen inhibition in photoinitiated free radical polymerization. Journal of Polymer Science Part A, 2013, 51, 1685-1689.	2.3	81
85	Photoinduced metal-free atom transfer radical polymerizations: state-of-the-art, mechanistic aspects and applications. Polymer Chemistry, 2018, 9, 1757-1762.	3.9	80
86	Charge-transfer complexes of pyridinium ions and methyl- and methoxy-substituted benzenes as photoinitiators for the cationic polymerization of cyclohexene oxide and related compounds. Polymer, 1994, 35, 2428-2431.	3.8	79
87	Photoacid Generation by Stepwise Two-Photon Absorption:â€“ Photoinitiated Cationic Polymerization of Cyclohexene Oxide by Using Benzodioxinone in the Presence of Iodonium Salt. Macromolecules, 2008, 41, 295-297.	4.8	79
88	Recycling and Self-Healing of Polybenzoxazines with Dynamic Sulfide Linkages. Scientific Reports, 2017, 7, 5207.	3.3	79
89	Photoinduced free radical promoted cationic polymerization 40 years after its discovery. Polymer Chemistry, 2020, 11, 1111-1121.	3.9	79
90	Visible light photoinitiating systems by charge transfer complexes: Photochemistry without dyes. Progress in Polymer Science, 2020, 107, 101277.	24.7	77

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91	Synthesis, characterization and properties of naphthoxazine-functional poly(propyleneoxide)s. <i>European Polymer Journal</i> , 2006, 42, 3006-3014.	5.4	76
92	Photochemically and thermally induced radical promoted cationic polymerization using an allylic sulfonium salt. <i>Polymer</i> , 1995, 36, 3093-3098.	3.8	75
93	Highly Conjugated Thiophene Derivatives as New Visible Light Sensitive Photoinitiators for Cationic Polymerization. <i>Macromolecules</i> , 2010, 43, 101-106.	4.8	75
94	Light-induced step-growth polymerization. <i>Progress in Polymer Science</i> , 2020, 100, 101178.	24.7	75
95	Counteranion Sensitization Approach to Photoinitiated Free Radical Polymerization. <i>Macromolecules</i> , 2012, 45, 2219-2224.	4.8	73
96	Polybenzoxazine Precursors As Self-Healing Agents for Polysulfones. <i>Macromolecules</i> , 2013, 46, 8773-8778.	4.8	73
97	Antibacterial Acrylamide Hydrogels Containing Silver Nanoparticles by Simultaneous Photoinduced Free Radical Polymerization and Electron Transfer Processes. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1867-1875.	2.2	72
98	Mechanism of Photoinitiated Free Radical Polymerization by Thioxanthone [•] Anthracene in the Presence of Air. <i>Macromolecules</i> , 2011, 44, 2531-2535.	4.8	72
99	A Dithienothiophene Derivative as a Long-Wavelength Photosensitizer for Onium Salt Photoinitiated Cationic Polymerization. <i>Macromolecules</i> , 2008, 41, 3468-3471.	4.8	70
100	Self-healing of poly(propylene oxide)-polybenzoxazine thermosets by photoinduced coumarine dimerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2911-2918.	2.3	70
101	Synthesis of Hyperbranched Polymers by Photoinduced Metal-Free ATRP. <i>Macromolecules</i> , 2017, 50, 9115-9120.	4.8	70
102	N-alkoxy pyridinium ion terminated polytetrahydrofurans. Synthesis and their use in photoinitiated block copolymerization. <i>Polymer</i> , 1994, 35, 4443-4448.	3.8	69
103	Hyperbranched Polymers by Visible Light Induced Self-Condensing Vinyl Polymerization and Their Modifications. <i>Macromolecules</i> , 2013, 46, 6751-6757.	4.8	69
104	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000216.	2.2	69
105	Block copolymers of thiophene-capped poly(methyl methacrylate) with pyrrole. <i>Journal of Polymer Science Part A</i> , 1999, 37, 4218-4225.	2.3	68
106	Synthesis and characterization of maleimide (Co)polymers with pendant benzoxazine groups by photoinduced radical polymerization and their thermal curing. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2774-2786.	2.3	68
107	Synthesis and characterization of nanomagnetite thermosets based on benzoxazines. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6780-6788.	2.3	68
108	Synthesis of ABC type miktoarm star copolymers by triple click chemistry. <i>Polymer Chemistry</i> , 2011, 2, 2865.	3.9	68

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109	Reduction of Cu(II) by photochemically generated phosphonyl radicals to generate Cu(I) as catalyst for atom transfer radical polymerization and azide-alkyne cycloaddition click reactions. <i>Polymer</i> , 2014, 55, 3468-3474.	3.8	68
110	Photoinduced Metal-Free Atom Transfer Radical Polymerization Using Highly Conjugated Thienothiophene Derivatives. <i>Macromolecules</i> , 2017, 50, 6903-6910.	4.8	68
111	New aspects on the photoinitiated free radical promoted cationic polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 60, 133-143.	0.6	67
112	In situ Synthesis of Polymer/Clay Nanocomposites by Living and Controlled/Living Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 279-285.	2.2	67
113	Photoinduced reverse atom transfer radical polymerization of methyl methacrylate using camphorquinone/benzhydrol system. <i>Polymer International</i> , 2014, 63, 902-907.	3.1	67
114	Photoinduced Electron Transfer Reactions of Highly Conjugated Thiophenes for Initiation of Cationic Polymerization and Conjugated Polymer Formation. <i>Macromolecules</i> , 2012, 45, 7829-7834.	4.8	65
115	Poly(ethylene glycol)-thioxanthone prepared by Diels-Alder click chemistry as one-component polymeric photoinitiator for aqueous free-radical polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2109-2114.	2.3	64
116	Photoinduced Controlled/Living Polymerizations. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	64
117	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
118	Phenolic Naphthoxazines as Curing Promoters for Benzoxazines. <i>Macromolecules</i> , 2018, 51, 1688-1695.	4.8	63
119	Light-induced cationic polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988, 13-14, 161-174.	0.6	62
120	Pyrene functional poly(vinyl alcohol) by click-chemistry. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1317-1326.	2.3	62
121	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
122	Benzoxazine-Based Thermoset with Autonomous Self-Healing and Shape Recovery. <i>Macromolecules</i> , 2018, 51, 10095-10103.	4.8	62
123	New polyphenylene-based macromolecular architectures by using well defined macromonomers synthesized via controlled polymerization methods. <i>Progress in Polymer Science</i> , 2004, 29, 387-399.	24.7	61
124	Polymeric Side Chain Thioxanthone Photoinitiator for Free Radical Polymerization. <i>Polymer Bulletin</i> , 2006, 57, 51-56.	3.3	61
125	ABC type miktoarm star copolymers through combination of controlled polymerization techniques with thiol-ene and azide-alkyne click reactions. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2417-2422.	2.3	60
126	Polybenzoxazine: A Powerful Tool for Removal of Mercury Salts from Water. <i>Chemistry - A European Journal</i> , 2014, 20, 10953-10958.	3.3	60

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127	Poly(vinyl alcohol)-Thioxanthone as One-Component Type II Photoinitiator for Free Radical Polymerization in Organic and Aqueous Media. <i>Macromolecular Rapid Communications</i> , 2015, 36, 923-928.	3.9	60
128	Nanostructured Amphiphilic Star-Hyperbranched Block Copolymers for Drug Delivery. <i>Langmuir</i> , 2015, 31, 4542-4551.	3.5	60
129	A novel benzoxazine monomer with methacrylate functionality and its thermally curable (co)polymers. <i>Polymer Bulletin</i> , 2011, 66, 165-174.	3.3	59
130	Synthesis and characterization of sulfone containing main chain oligobenzoxazine precursors. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2445-2450.	2.3	59
131	Modification of polysulfones by click chemistry: Amphiphilic graft copolymers and their protein adsorption and cell adhesion properties. <i>Journal of Polymer Science Part A</i> , 2011, 49, 110-117.	2.3	58
132	Thermally curable fluorinated main chain benzoxazine polyethers via Ullmann coupling. <i>Polymer Chemistry</i> , 2013, 4, 2106.	3.9	58
133	One-Pot Photo-Induced Sequential CuAAC and Thiolâ€Ene Click Strategy for Bioactive Macromolecular Synthesis. <i>Macromolecules</i> , 2014, 47, 3608-3613.	4.8	58
134	Photoinduced Step-Growth Polymerization of <i>N</i> -Ethylcarbazole. <i>Journal of the American Chemical Society</i> , 2018, 140, 12728-12731.	13.7	58
135	Synthesis, characterization and thermally activated curing of polysulfones with benzoxazine end groups. <i>Polymer</i> , 2011, 52, 1504-1509.	3.8	56
136	Sequential photodecomposition of bisacylgermane type photoinitiator: Synthesis of block copolymers by combination of free radical promoted cationic and free radical polymerization mechanisms. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4793-4799.	2.3	55
137	Visible Light-Induced Grafting from Polyolefins. <i>Macromolecules</i> , 2013, 46, 6395-6401.	4.8	55
138	Poly(cyclohexene oxide)/clay nanocomposites by photoinitiated cationic polymerization via activated monomer mechanism. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5328-5335.	2.3	54
139	Visible Light-Induced Cationic Polymerization Using Fullerenes. <i>ACS Macro Letters</i> , 2012, 1, 1212-1215.	4.8	54
140	Block copolymers with crystalline and side-chain liquid crystalline blocks. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1993, 14, 185-193.	1.1	53
141	Synthesis of polybenzoxazine/clay nanocomposites by <i>in situ</i> thermal ringâ€Eopening polymerization using intercalated monomer. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4213-4220.	2.3	53
142	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
143	Main-chain benzoxazine precursor block copolymers. <i>Polymer Chemistry</i> , 2018, 9, 178-183.	3.9	53
144	Photochemical cationic polymerization of cyclohexene oxide in solution containing pyridinium salt and polysilane. <i>European Polymer Journal</i> , 1992, 28, 387-390.	5.4	52

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145	Poly(styrene- <i>b</i> -tetrahydrofuran)/clay nanocomposites by mechanistic transformation. Journal of Polymer Science Part A, 2009, 47, 2190-2197.	2.3	52
146	Photochemical Methods for the Preparation of Complex Linear and Cross-linked Macromolecular Structures. Australian Journal of Chemistry, 2011, 64, 982.	0.9	52
147	Synthesis of polybenzoxazine precursors using thiols: Simultaneous thiol-ene and ring-opening reactions. Journal of Polymer Science Part A, 2012, 50, 4029-4036.	2.3	52
148	Synthesis and characterization of conducting polymers containing polypeptide and ferrocene side chains as ethanol biosensors. Polymer Chemistry, 2014, 5, 6295-6306.	3.9	52
149	Near-Infrared Free Radical and Free Radical-Promoted Cationic Photopolymerizations by In-Source Lighting Using Upconverting Glass. Angewandte Chemie - International Edition, 2017, 56, 14507-14510.	13.8	52
150	Acylphosphine oxides as free radical promoters in cationic polymerizations. Die Makromolekulare Chemie Rapid Communications, 1987, 8, 209-213.	1.1	51
151	Synthesis of block copolymers by combination of an activated monomer and free radical polymerization mechanism. Macromolecules, 1993, 26, 2397-2399.	4.8	51
152	Conducting graft copolymers of poly(3-methylthienyl methacrylate) with pyrrole and thiophene. Journal of Polymer Science Part A, 2002, 40, 4131-4140.	2.3	51
153	Polythiophene derivatives by step-growth polymerization via photoinduced electron transfer reactions. Chemical Communications, 2009, , 6300.	4.1	51
154	On the mechanism of acylphosphine oxide promoted cationic polymerization. European Polymer Journal, 1989, 25, 129-131.	5.4	50
155	Graft Copolymers by the Combination of ATRP and Photochemical Acylation Process by Using Benzodioxinones. Macromolecules, 2009, 42, 3743-3749.	4.8	50
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