

Controlled/living radical polymerization: Features, dev

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Copper-catalyzed additions of organic polyhalides to olefins: a versatile synthetic tool. <i>Pure and Applied Chemistry</i> , 1985, 57, 1827-1838.	0.9	131
2	Functional Degradable Polymeric Materials Prepared by Atom Transfer Radical Polymerization. <i>ACS Symposium Series</i> , 2006, , 184-200.	0.5	17
3	Multisegmented Block Copolymers by 'Click' Coupling of Polymers Prepared by ATRP. <i>Australian Journal of Chemistry</i> , 2007, 60, 400.	0.5	71
5	Well-Defined High-Molecular-Weight Polyacrylonitrile via Activators Regenerated by Electron Transfer ATRP. <i>Macromolecules</i> , 2007, 40, 2974-2977.	2.2	178
6	Atom Transfer Radical Dispersion Polymerization of Styrene in Ethanol. <i>Macromolecules</i> , 2007, 40, 7217-7222.	2.2	46
7	Arm-First Method As a Simple and General Method for Synthesis of Miktoarm Star Copolymers. <i>Journal of the American Chemical Society</i> , 2007, 129, 11828-11834.	6.6	176
8	A Study of Simple RAFT Transfer Agents for the Polymerization of (Methacrylates and Acrylamides. <i>Macromolecular Symposia</i> , 2007, 254, 386-391.	0.4	9
9	Synthesis of Multisegmented Degradable Polymers by Atom Transfer Radical Cross-Coupling. <i>Macromolecules</i> , 2007, 40, 9217-9223.	2.2	71
10	Synthesis of Molecular Brushes by "Grafting onto" Method: Combination of ATRP and Click Reactions. <i>Journal of the American Chemical Society</i> , 2007, 129, 6633-6639.	6.6	559
11	Ab Initio Study of the Penultimate Effect for the ATRP Activation Step Using Propylene, Methyl Acrylate, and Methyl Methacrylate Monomers. <i>Macromolecules</i> , 2007, 40, 5985-5994.	2.2	84
12	Templating Conducting Polymers via Self-Assembly of Block Copolymers and Supramolecular Recognition. <i>Macromolecules</i> , 2007, 40, 7745-7747.	2.2	40
13	Organotellurium-Mediated Living Radical Polymerization in Miniemulsion. <i>Macromolecules</i> , 2007, 40, 9208-9211.	2.2	62
14	Origin of Activity in Cu-, Ru-, and Os-Mediated Radical Polymerization. <i>Macromolecules</i> , 2007, 40, 8576-8585.	2.2	97
15	Preparation of Well-Defined Hybrid Materials by ATRP in Miniemulsion. <i>Macromolecules</i> , 2007, 40, 7429-7432.	2.2	90
16	ATRP Synthesis of Thermally Responsive Molecular Brushes from Oligo(ethylene oxide) Methacrylates. <i>Macromolecules</i> , 2007, 40, 9348-9353.	2.2	129
17	Use of an Amphiphilic Block Copolymer as a Stabilizer and a Macroinitiator in Miniemulsion Polymerization under AGET ATRP Conditions. <i>Macromolecules</i> , 2007, 40, 8813-8816.	2.2	70
18	Synthesis and Morphology of Molecular Brushes with Polyacrylonitrile Block Copolymer Side Chains and Their Conversion into Nanostructured Carbons. <i>Macromolecules</i> , 2007, 40, 6199-6205.	2.2	73
19	Synthesis and Evaluation of a Functional, Water- and Organo-Soluble Nitroxide for "Living" Free Radical Polymerization. <i>Macromolecules</i> , 2007, 40, 6067-6075.	2.2	45

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50	Synthesis of poly(di[methylamine]ethyl methacrylate)- <i>b</i> -poly(cyclohexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Td (methacrylate) ATRP: Condensed phase and solution properties. Journal of Polymer Science Part A, 2008, 46, 85-92.	2.5	9
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75	ARGET ATRP of Methacrylates and Acrylates with Stoichiometric Ratios of Ligand to Copper. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1797-1805.	1.1	74
76	Biotin-, Pyrene-, and GRGDS-Functionalized Polymers and Nanogels via ATRP and End Group Modification. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 2179-2193.	1.1	60
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105	pH-induced conformational changes of loosely grafted molecular brushes containing poly(acrylic) Tj ETQq1 1 0.784314 rgBT / Overlo	1.8	11
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1058	High molar mass segmented macromolecular architectures by nitroxide mediated polymerisation. <i>Polymer Chemistry</i> , 2013, 4, 4697.	1.9	7
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1060	Polymer siRNA conjugates synthesised by controlled radical polymerisation. <i>European Polymer Journal</i> , 2013, 49, 2861-2883.	2.6	12
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1200	Organic-inorganic hybrid diblock copolymer composed of poly(ϵ -caprolactone) and poly(MA POSS): Synthesis and its nanocomposites with epoxy resin. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2079-2090.	2.5	25
1201	Straightforward Synthesis of Symmetrical Multiblock Copolymers by Simultaneous Block Extension and Radical Coupling Reactions. <i>Macromolecules</i> , 2013, 46, 8922-8931.	2.2	11
1202	Synthesis of click-reactive HPMA copolymers using RAFT polymerization for drug delivery applications. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5091-5099.	2.5	31
1203	Polystyrene-Poly(sodium methacrylate) Amphiphilic Block Copolymers by ATRP: Effect of Structure, pH, and Ionic Strength on Rheology of Aqueous Solutions. <i>Macromolecules</i> , 2013, 46, 7106-7111.	2.2	40
1204	Synthesis and characterization of poly(2-ethylhexyl acrylate) prepared via atom transfer radical polymerization, reverse atom transfer radical polymerization and radical polymerization. <i>Journal of Chemical Sciences</i> , 2013, 125, 791-797.	0.7	12
1205	Structure and Properties of Cotton Grafted Using Trifluoroethyl Methacrylate via ATRP Method. <i>Advanced Materials Research</i> , 2013, 796, 364-369.	0.3	1
1206	Controlled radical polymerization of n-hexadecyl methacrylate mediated by tris(2,2'-bipyridine)iron(III) complexes. <i>Polymer Bulletin</i> , 2013, 70, 3291-3303.	1.7	7
1207	Cobalt-mediated radical polymerization of vinyl acetate in an alumina column using suspended polyvinyl acetate. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	8
1208	Graphene as a Target for Polymer Synthesis. <i>Advances in Polymer Science</i> , 2013, , 61-92.	0.4	12
1209	Advantages of Block Copolymer Synthesis by RAFT-Controlled Dispersion Polymerization in Supercritical Carbon Dioxide. <i>Macromolecules</i> , 2013, 46, 6843-6851.	2.2	78
1210	Synthesis and fabrication of a degradable poly(<i>N</i> -isopropyl acrylamide) scaffold for tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 775-786.	2.1	38
1211	Design and Synthesis of Poly(butyl acrylate) Networks through RAFT Polymerization with Crosslinking for Controlled Release Applications. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 391-399.	1.7	18
1212	A strong cationic Brønsted acid, [H(OEt) ₂][Al{OC(CF ₃) ₃ } ₄], as an efficient initiator for the cationic ring-opening polymerization of 2-alkyl-2-oxazolines. <i>Polymer Chemistry</i> , 2013, 4, 495-505.	1.9	19
1213	Synthesis of block copolymers via the combination of RAFT and a macromolecular azo coupling reaction. <i>Polymer Chemistry</i> , 2013, 4, 402-406.	1.9	38
1214	Bio-synthetic Polymer Conjugates. <i>Advances in Polymer Science</i> , 2013, , .	0.4	8
1215	Controlled/Living Radical Polymerization Mediated by Stable Organic Radicals. <i>RSC Polymer Chemistry Series</i> , 2013, , 112-167.	0.1	3
1216	Surface-initiated atom transfer radical polymerization on cotton fabric in water aqueous. <i>Textile Research Journal</i> , 2013, 83, 363-370.	1.1	11

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1218	Multifunctional nanocarriers for biomedical applications. , 2013, , .		2
1219	Synthesis and Characterization of well Defined Polychloroprene by RAFT Polymerization. <i>Advanced Materials Research</i> , 2013, 787, 241-244.	0.3	0
1220	Biocatalytic ATRP: Controlled Radical Polymerizations Mediated by Enzymes. <i>ACS Symposium Series</i> , 2013, , 163-171.	0.5	7
1221	Thermo-responsive, UV-active poly(phenyl acrylate)-b-poly(diethyl acrylamide) block copolymers. <i>EXPRESS Polymer Letters</i> , 2013, 7, 1020-1029.	1.1	9
1222	Surface Initiated Polymerizations via e-ATRP in Pure Water. <i>Polymers</i> , 2013, 5, 1229-1240.	2.0	27
1223	Injectable biomimetic hydrogels for soft tissue repair. , 2013, , 276-300.		0
1224	Dynamics of Network Formation in Aqueous Suspension <sc>RAFT</sc> Styrene/<sc>D</sc>ivinylbenzene Copolymerization. <i>Macromolecular Symposia</i> , 2013, 333, 273-285.	0.4	11
1225	Application of fatty acid chlorides in the iron-catalyzed depolymerization of polyethers. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 239-245.	1.0	13
1226	Cyclometalated Ruthenium(II) Complex as a Versatile Catalyst for Living/Controlled Radical Polymerization of Hydrophobic and Hydrophilic Monomers. <i>Macromolecular Symposia</i> , 2013, 325-326, 10-20.	0.4	2
1227	RAFT Dispersion Polymerization of Styrene in Water/Alcohol: The Solvent Effect on Polymer Particle Growth during Polymer Chain Propagation. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 902-911.	1.1	31
1228	Reverse Iodine Transfer Polymerization (RITP) of 1,1,2,2-tetrahydroperfluorodecyl Acrylate in Supercritical Carbon Dioxide. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2259-2265.	1.1	5
1229	A General Approach Towards Thermoplastic Multishape-Memory Polymers via Sequence Structure Design. <i>Advanced Materials</i> , 2013, 25, 743-748.	11.1	168
1230	A High-Efficiency Strategy for Synthesizing Cyclic Polymers of Methacrylates in One Pot. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1014-1019.	2.0	19
1231	Limitations of cyclodextrin-mediated RAFT homopolymerization and block copolymer formation. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2504-2517.	2.5	16
1232	Study on peroxide vulcanization thermodynamics of ethylene-vinyl acetate copolymer rubber using 2,2,6,6-tetramethylpiperidinyloxy nitroxide. <i>Polymer International</i> , 2013, 62, 909-918.	1.6	11
1233	A Theoretical Exploration of the Potential of ICAR ATRP for One- and Two-Pot Synthesis of Well-Defined Diblock Copolymers. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 311-326.	0.9	42
1234	Polymerization Reactions (Overview). , 2013, , 1-6.		0

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1235	Synthesis of comb-like block copolymer with poly(<i>N</i> -isopropylacrylamide) backbone and poly(vinyl acetate) or poly(<i>N</i> -vinyl-2-pyrrolidone) side chains by reversible addition-fragmentation chain transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2125-2130.	2.5	5
1236	Synthesis of Hyperbranched Multiarm Star Block Copolymers and Their Application as a Drug Delivery System. <i>Advances in Polymer Technology</i> , 2013, 32, .	0.8	4
1237	Conformational Characteristics of Polyimide Initiator for the Synthesis of Poly(Methylmethacrylate) Grafted Block-Copolymers. <i>Journal of Macromolecular Science - Physics</i> , 2013, 52, 1545-1557.	0.4	12
1238	Iron-Catalyzed Ring-Closing Depolymerization of Poly(tetrahydrofuran). <i>ChemSusChem</i> , 2013, 6, 1334-1336.	3.6	36
1239	Preparation of indole surface molecularly imprinted polymer by atom transfer radical emulsion polymerization and its adsorption performance. <i>Journal of Materials Research</i> , 2013, 28, 2666-2676.	1.2	7
1240	A Heterobifunctional Linker Bearing Azide-reactive Alkyne and Thiol-reactive Maleimide Connected with <i>N</i> -(2-Nitrobenzyl)imide to Synthesize Photocleavable Diblock Copolymers. <i>Chemistry Letters</i> , 2013, 42, 791-793.	0.7	6
1241	<i>Polymer Synthesis.</i> , 2013, , 1-66.		0
1242	Latex Particles for Biomedical Applications. <i>Journal of the Adhesion Society of Japan</i> , 2013, 49, 164-170.	0.0	0
1243	Silicone Macroinitiator in the Atom Transfer Radical Polymerization of Styrene and Vinyl Acetate: Synthesis and Characterization of Novel Thermoreversible Block Copolymers. <i>ACS Symposium Series</i> , 2013, , 87-101.	0.5	6
1244	Fluidic-Directed Assembly of Aligned Oligopeptides with π -Conjugated Cores. <i>Advanced Materials</i> , 2013, 25, 6398-6404.	11.1	31
1246	Bioinspired Iron-Based Catalyst for Atom Transfer Radical Polymerization. <i>Angewandte Chemie</i> , 2013, 125, 12370-12373.	1.6	7
1247	Visible-Light Hypervalent Iodide Carboxylate Photo(trifluoro)methylations and Controlled Radical Polymerization of Fluorinated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10027-10030.	7.2	87
1248	Functionalization of Graphene Oxide for the Production of Novel Graphene-Based Polymeric and Colloidal Materials. <i>Current Organic Chemistry</i> , 2013, 17, 956-974.	0.9	27
1249	Sonolytic and Silent Polymerization of Methacrylic Acid Butyl Ester Catalyzed by a New Onium Salt with bis-Active Sites in a Biphasic System - A Comparative Investigation. <i>Molecules</i> , 2013, 18, 2419-2437.	1.7	12
1250	<i>Polymer Nanoparticles for Smart Drug Delivery.</i> , 0, , .		71
1251	<i>A New Star Polymethylmethacrylates by Atom Transfer Radical Polymerization.</i> , 2014, 03, .		0
1252	Rational Design of Multifunctional Nanoscale Self-Assembled Soft Materials for Biomedical Delivery Application. <i>Topics in Medicinal Chemistry</i> , 2014, , 55-73.	0.4	1
1253	Development of Amphiphilic <i>N</i> -Isopropylacrylamide Oligomers and Polymers, and Their Composites with Metal Ions. <i>Kobunshi Ronbunshu</i> , 2014, 71, 457-466.	0.2	4

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1255	Designing biomimetic reactive polymer gels. <i>Materials Today</i> , 2014, 17, 486-493.	8.3	7
1256	Peptide-Polymer Conjugates as Model Systems To Explore the Functional Space of Precision Polymers. <i>ACS Symposium Series</i> , 2014, , 55-69.	0.5	2
1257	Disulfides â€œ Effective radical generators for flame retardancy of polypropylene. <i>Polymer Degradation and Stability</i> , 2014, 110, 447-456.	2.7	37
1258	Novel Macromolecular Architectures via a Combination of Cyclodextrin Host/Guest Complexation and RAFT Polymerization. <i>Springer Theses</i> , 2014, , .	0.0	2
1259	INTRODUCTION OF A DOUBLE BOND CONTAINING MODIFIER ON THE SURFACE OF MCM-41 NANOPARTICLES: APPLICATION FOR SR&NI ATRP OF STYRENE. <i>Nano</i> , 2014, 09, 1450023.	0.5	9
1260	Radical polymerization of methyl methacrylate in the presense of bis[4,6-di-tert-butyl-N-(2,6-dimethylphenyl)-o-iminobenzosemiquinono]cobalt(II). <i>Russian Chemical Bulletin</i> , 2014, 63, 987-996.	0.4	5
1262	Photo-induced controlled/living copolymerization of styrene and acrylic acid and determination of reactivity ratios. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 819-826.	1.3	4
1263	Preparation of PVDF/PMMA Blend Hollow Fiber Ultrafiltration Membranes via Wet Spinning Method. <i>Integrated Ferroelectrics</i> , 2014, 151, 76-82.	0.3	3
1264	Bulk AGET ATRP of methyl methacrylate using iron(<sc>iii</sc>) acetylacetonate as a catalyst. <i>Polymer Chemistry</i> , 2014, 5, 6804-6810.	1.9	17
1265	Fed-Batch Control and Visualization of Monomer Sequences of Individual ICAR ATRP Gradient Copolymer Chains. <i>Polymers</i> , 2014, 6, 1074-1095.	2.0	64
1266	Block Copolymer Synthesis. , 2014, , 1-10.		2
1267	Living Radical Polymerization: Atom Transfer Radical Polymerization. , 2014, , 1-13.		1
1268	Synthesis and Characterization of PDMS Based Triblock and Pentablock Copolymers. <i>Springer Briefs in Molecular Science</i> , 2014, , 13-24.	0.1	0
1269	Tumor-penetrating acetalated dextran nanoparticles capable of tandem delivery of agents for the treatment of lung cancer. , 2014, , .		3
1270	SOLVENT EFFECTS ON FREE RADICAL POLYMERIZATION. , 2014, , 811-833.		1
1271	One-Pot Double Modification of Polymers Based on Thiolactone Chemistry. <i>Advances in Polymer Science</i> , 2014, , 105-131.	0.4	14
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1274	Development of Molecular Weight Distribution in ATRP with Radical Termination. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 227-240.	0.6	13
1275	RAFT/MADIX copolymerization of vinyl acetate and 5,6-benzo-2-methylene-1,3-dioxepane. <i>Journal of Polymer Science Part A</i> , 2014, 52, 104-111.	2.3	27
1276	Thermal-Responsive Block Copolymers for Surface with Reversible Switchable Wettability. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 18112-18120.	1.8	25
1277	Modeling of RAFT Polymerization using Probability Generating Functions. Detailed Prediction of Full Molecular Weight Distributions and Sensitivity Analysis. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 781-795.	0.9	20
1278	Surfactant-Ligand Design for <i>ab</i> Initio Emulsion Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2014, 47, 7701-7706.	2.2	19
1279	Inhomogeneous swelling and mechanical properties of polystyrene bead-filled poly(acrylic acid) hydrogels. <i>RSC Advances</i> , 2014, 4, 63559-63568.	1.7	2
1280	One-pot deprotection and functionalization of polythiol copolymers via six different thiol-X reactions. <i>Polymer International</i> , 2014, 63, 887-893.	1.6	25
1281	Insight into the ATRP rate controlling ability of initiator structure: Micromolecular, macromolecular, and immobilized initiators. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2228-2238.	2.5	12
1282	Facile <i>Living</i> Radical Polymerization of Methyl Methacrylate in the Presence of Iniferter Agents: Homogeneous and Highly Efficient Catalysis from Copper(II) Acetate. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1332-1339.	2.0	41
1283	Atom transfer radical polymerization of an epoxide-containing monomer, 4-vinylphenyloxirane, employing low concentration of catalyst: synthesis of linear and star-shaped macromolecules. <i>Polymer International</i> , 2014, 63, 868-875.	1.6	16
1284	Synthesis, anti-migration and burning rate catalytic mechanism of ferrocene-based compounds. <i>Applied Organometallic Chemistry</i> , 2014, 28, 567-575.	1.7	36
1285	Crystallization-Driven Solution Self-Assembly of 1/4-ABC Miktoarm Star Terpolymers with Core-Forming Polyferrocenylsilane Blocks. <i>Macromolecules</i> , 2014, 47, 8420-8428.	2.2	32
1286	pH-Responsive Polymer. , 2014, , 1-9.		1
1287	Kinetics study of living microemulsion polymerization mediated by reversible addition-fragmentation chain transfer. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	2
1288	Pressure Dependence of Iron-Mediated Methyl Methacrylate ATRP in Different Solvent Environments. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 44-53.	1.1	21
1289	Synthesis, characterization, and ion-complexing properties of polymers displaying densely packed arrays of crown-ethers as lateral substituents. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2337-2345.	2.5	2
1290	Kinetics of atom transfer radical polymerization of crosslinkable terpolymer P(<i>scp</i>)MMA- <i>BA</i> -HEMA(<i>scp</i>). <i>Polymer International</i> , 2014, 63, 1238-1246.	1.6	3

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1292	Well-Defined Iron Complexes as Efficient Catalysts for α -Atom Transfer Radical Polymerization of Styrene, Methyl Methacrylate, and Butyl Acrylate with Low Catalyst Loadings and Catalyst Recycling. <i>Chemistry - A European Journal</i> , 2014, 20, 5802-5814.	1.7	23
1293	Spherical mesoporous silica nanoparticles/tailor-made polystyrene nanocomposites by in situ reverse atom transfer radical polymerization. <i>Polymer Science - Series B</i> , 2014, 56, 909-918.	0.3	9
1295	Preparation and characterisation of branched poly(styrene-co-acrylonitrile) via atom transfer radical polymerisation using β -bromoethyl benzene as initiator. <i>Materials Research Innovations</i> , 2014, 18, 214-219.	1.0	3
1296	Copper mediated controlled radical copolymerization of styrene and 2-ethylhexyl acrylate and determination of their reactivity ratios. <i>Frontiers in Chemistry</i> , 2014, 2, 91.	1.8	4
1297	Nitroxide polymer brushes prepared by surface-initiated ARGET ATRP and their selective oxidation performances. <i>EXPRESS Polymer Letters</i> , 2014, 8, 862-868.	1.1	21
1298	The polymerisation of oligo(ethylene glycol methyl ether) methacrylate from a multifunctional poly(ethylene imine) derived amide: a stabiliser for the synthesis and dispersion of magnetite nanoparticles. <i>Polymer Chemistry</i> , 2014, 5, 524-534.	1.9	12
1299	Efficient RAFT polymerization of N-(3-aminopropyl)methacrylamide hydrochloride using unprotected α -clickable-chain transfer agents. <i>Reactive and Functional Polymers</i> , 2014, 81, 1-7.	2.0	12
1300	Antimicrobial activity of poly(acrylic acid) block copolymers. <i>Materials Science and Engineering C</i> , 2014, 38, 94-100.	3.8	60
1301	Thermal and microwave assisted polymerization of vinyl acetate catalyzed by cyclometalated ruthenium (II) complexes. <i>Polymer</i> , 2014, 55, 1656-1665.	1.8	10
1302	Intercalation strategies in clay/polymer hybrids. <i>Progress in Polymer Science</i> , 2014, 39, 443-485.	11.8	248
1303	Photo-induced cobalt-mediated radical polymerization of vinyl acetate. <i>Polymer Chemistry</i> , 2014, 5, 551-557.	1.9	43
1304	Versatility of radical coupling in construction of topological polymers. <i>Polymer Chemistry</i> , 2014, 5, 277-308.	1.9	41
1305	Surface-Initiated Polymerization as an Enabling Tool for Multifunctional (Nano-)Engineered Hybrid Materials. <i>Chemistry of Materials</i> , 2014, 26, 745-762.	3.2	333
1306	Benzotriazinyl-mediated controlled radical polymerization of styrene. <i>Polymer International</i> , 2014, 63, 674-679.	1.6	53
1307	In situ atom transfer radical polymerization of styrene to in-plane functionalize graphene nanolayers: grafting through hydroxyl groups. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	50
1308	Radical polymerization of methyl methacrylate with ethane-1,1,2-triyltribenzene as an initiator and ethane-1,1,2-triyltribenzene-end polymers as macroinitiators. <i>Colloid and Polymer Science</i> , 2014, 292, 257-265.	1.0	4
1309	Covalent functionalization of silica nanoparticles with poly(N-isopropylacrylamide) employing thiol-ene chemistry and activator regenerated by electron transfer ATRP protocol. <i>Journal of Materials Science</i> , 2014, 49, 1519-1526.	1.7	17

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1311	Progress and Challenges in Control of Chemical Processes. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2014, 5, 383-404.	3.3	25
1312	Design and development of fluorescent nanostructures for bioimaging. <i>Progress in Polymer Science</i> , 2014, 39, 365-395.	11.8	257
1313	Zinc-Catalyzed Depolymerization of Polyethers to Produce Valuable Building Blocks. <i>Catalysis Letters</i> , 2014, 144, 850-859.	1.4	15
1314	Polymerizations under electrochemical control. <i>Colloid and Polymer Science</i> , 2014, 292, 777-783.	1.0	28
1315	Surface-Initiated Polymerization from Barium Titanate Nanoparticles for Hybrid Dielectric Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3477-3482.	4.0	138
1316	Production and Physicochemical Characteristics of Silver-Containing Polyurethane Systems. <i>Theoretical and Experimental Chemistry</i> , 2014, 49, 347-370.	0.2	6
1317	Well-defined dibenzocyclooctyne end functionalized polymers from atom transfer radical polymerization. <i>Polymer</i> , 2014, 55, 1128-1135.	1.8	14
1318	Experimental Method to Discriminate RAFT Models between Intermediate Termination and Slow Fragmentation via Comparison of Rates of Miniemulsion and Bulk Polymerization. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 136-146.	0.6	20
1319	Synthesis by RAFT polymerization and properties of anionic cylindrical molecular brushes bearing poly(acrylic acid) side chains. <i>Reactive and Functional Polymers</i> , 2014, 76, 32-40.	2.0	11
1320	Single Electron Transfer in Radical Ion and Radical-Mediated Organic, Materials and Polymer Synthesis. <i>Chemical Reviews</i> , 2014, 114, 5848-5958.	23.0	367
1321	Challenges for industrialization of miniemulsion polymerization. <i>Progress in Polymer Science</i> , 2014, 39, 1797-1826.	11.8	181
1322	Tuning Polarity of Polyphenylene Dendrimers by Patched Surface Amphiphilicity—Precise Control over Size, Shape, and Polarity. <i>Macromolecular Rapid Communications</i> , 2014, 35, 152-160.	2.0	21
1324	Flow Inversion: An Effective Means to Scale-Up Controlled Radical Polymerization Tubular Microreactors. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 597-603.	0.9	23
1325	Chemistry of Iron <i>N</i> -Heterocyclic Carbene Complexes: Syntheses, Structures, Reactivities, and Catalytic Applications. <i>Chemical Reviews</i> , 2014, 114, 5215-5272.	23.0	354
1327	A unique surface-initiated property of nanoparticles and application for the synthesis of hybrid organic-inorganic nanoparticles. <i>Chemical Communications</i> , 2014, 50, 5864-5866.	2.2	0
1328	In-plane functionalizing graphene nanolayers with polystyrene by atom transfer radical polymerization: Grafting from hydroxyl groups. <i>Polymer Composites</i> , 2014, 35, 386-395.	2.3	45
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1331	Photoinduced Atom Transfer Radical Polymerization Using Semiconductor Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2014, 35, 454-459.	2.0	120
1332	Chemically triggered C=O bond homolysis in alkoxyamines. Part 7. Remote polar effect. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 387-391.	0.9	6
1334	Atom transfer radical polymerization as a powerful tool in the synthesis of molecular brushes. <i>Polymer International</i> , 2014, 63, 824-834.	1.6	31
1335	Stimuli-responsive tertiary amine methacrylate-based block copolymers: Synthesis, supramolecular self-assembly and functional applications. <i>Progress in Polymer Science</i> , 2014, 39, 1096-1143.	11.8	196
1336	Polymer bottlebrushes with a redox responsive backbone feel the heat: synthesis and characterization of dual responsive poly(ferrocenylsilane)s with PNIPAM side chains. <i>Polymer Chemistry</i> , 2014, 5, 771-783.	1.9	33
1337	Molecular Vaccines. , 2014, , .		1
1338	Controllable metal-enhanced fluorescence in organized films and colloidal system. <i>Advances in Colloid and Interface Science</i> , 2014, 207, 164-177.	7.0	86
1339	AGET and SARA ATRP of styrene and methyl methacrylate mediated by pyridyl-imine based copper complexes. <i>European Polymer Journal</i> , 2014, 51, 12-20.	2.6	9
1340	A feasible method of preparation of block copolymer latex films with stable microphase separation structures. <i>Progress in Organic Coatings</i> , 2014, 77, 305-314.	1.9	6
1341	Well-defined second-order nonlinear optical polymers by controlled radical polymerization, via multifunctional macromolecular chain transfer agent: Design, synthesis, and characterizations. <i>Polymer</i> , 2014, 55, 782-787.	1.8	5
1342	New Method for Exploring Deactivation Kinetics in Copper-Catalyzed Atom-Transfer-Radical Reactions. <i>Inorganic Chemistry</i> , 2014, 53, 11351-11353.	1.9	48
1343	The preparation of bis and tetraakis aromatic oxazolyl- and carboxyl-functionalized polymers using 1,1-bis[4-(2-(4,4-dimethyl-1,3-oxazolyl))phenyl]ethylene in atom transfer radical polymerization reactions. <i>Polymer International</i> , 2014, 63, 1785-1796.	1.6	9
1344	Synthesis and comparison of two poly (methyl methacrylate-b-3-(trimethoxysilyl)propyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 433, 133-140.	5.0	10
1345	Exploring Quality in Gradient Copolymers. <i>Macromolecular Rapid Communications</i> , 2014, 35, 133-140.	2.0	29
1346	Synthesis of poly(4-hydroxystyrene)-based block copolymers containing acid-sensitive blocks by living anionic polymerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1458-1468.	2.5	15
1347	Preparation and self-assembly of stimuli-responsive azobenzene-containing diblock copolymers through microwave-assisted RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3107-3117.	2.5	6
1348	Perylene as an Organic Photocatalyst for the Radical Polymerization of Functionalized Vinyl Monomers through Oxidative Quenching with Alkyl Bromides and Visible Light. <i>Macromolecules</i> , 2014, 47, 8255-8261.	2.2	297

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1506	A Novel Janus Initiator for ATRP: Initiator Design and Application in Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1653-1659.	1.1	2
1507	Filling Polymersomes with Polymers by Peroxidase-Catalyzed Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2015, 36, 507-514.	2.0	50
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1900	Cysteine-based amphiphilic peptide-polymer conjugates via thiol-mediated radical polymerization: Synthesis, self-assembly, RNA polyplexation and N-terminus fluorescent labeling for cell imaging. <i>Polymer</i> , 2017, 112, 125-135.	1.8	13
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1929	Visible-Light-Induced Atom-Transfer-Radical Polymerization with a ppm-Level Iron Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4949-4956.	1.8	19
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1941	Synthesis of thermal and photo dual-responsive amphiphilic random copolymer via atom transfer radical polymerization and its control release of doxorubicin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 955-962.	1.8	7
1942	Functional multisite copolymer by one-pot sequential RAFT copolymerization of styrene and maleic anhydride. <i>Polymer Chemistry</i> , 2017, 8, 4152-4161.	1.9	26
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1944	Carbohydrate functionalized hybrid latex particles. <i>Carbohydrate Polymers</i> , 2017, 173, 233-252.	5.1	38

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1957	High-density polystyrene-grafted silver nanoparticles and their use in the preparation of nanocomposites with antibacterial properties. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 9-21.	5.0	55
1958	Biocatalytic atom transfer radical polymerization in a protein cage nanoreactor. <i>Polymer Chemistry</i> , 2017, 8, 2133-2136.	1.9	39
1959	Controlled and sustained release of a corticosteroid drug from block copolymers synthesized by ATRP. <i>Polymer Engineering and Science</i> , 2017, 57, 570-578.	1.5	3
1960	Oxygen and carbon dioxide dual gas-responsive homopolymers and diblock copolymers synthesized via RAFT polymerization. <i>Polymer Chemistry</i> , 2017, 8, 1163-1176.	1.9	28
1961	Flexible, conductive, porous, fibrillar polymer-gold nanocomposites with enhanced electromagnetic interference shielding and mechanical properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1095-1105.	2.7	99
1962	Preparation of stable poly(methacrylic acid)-b-polystyrene emulsion by emulsifier-free emulsion iodine transfer polymerization (emulsion ITP) with self-assembly nucleation. <i>Polymer</i> , 2017, 110, 124-130.	1.8	20

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1964	Mesoporous diatomite-filled PMMA by in situ reverse atom transfer radical polymerization. <i>Colloid and Polymer Science</i> , 2017, 295, 247-257.	1.0	19
1965	Graphene as initiator/catalyst in polymerization chemistry. <i>Progress in Polymer Science</i> , 2017, 67, 48-76.	11.8	39
1966	A Simplified Fe-Based PhotoATRP Using Only Monomers and Solvent. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600651.	2.0	35
1967	Intramolecular Charge Transfer and Ion Pairing in <i>N,N</i> -Diaryl Dihydrophenazine Photoredox Catalysts for Efficient Organocatalyzed Atom Transfer Radical Polymerization. <i>Journal of the American Chemical Society</i> , 2017, 139, 348-355.	6.6	207
1968	Synthesis of Novel 1/4-Star Copolymers with Poly(<i>N</i> -Octyl Benzamide) and Poly(μ -Caprolactone) Miktoarms through Chain-Growth Condensation Polymerization, Styrenics-Assisted Atom Transfer Radical Coupling, and Ring-Opening Polymerization. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600607.	2.0	19
1969	Efficient dispersion of TiO ₂ using tailor made poly(acrylic acid) based block copolymers, and its incorporation in water based paint formulation. <i>Progress in Organic Coatings</i> , 2017, 104, 34-42.	1.9	29
1971	<i>ortho</i> -Cycloalkyl substituted <i>N,N</i> -diaryliminoacenaphthene-Ni(σ -Cp) catalysts for polyethylene elastomers; exploring ring size and temperature effects. <i>Dalton Transactions</i> , 2017, 46, 15684-15697.	1.6	32
1972	Toward Personalized Peptide-Based Cancer Nanovaccines: A Facile and Versatile Synthetic Approach. <i>Bioconjugate Chemistry</i> , 2017, 28, 2756-2771.	1.8	36
1973	Ultra-high molecular weight elastomeric polyethylene using an electronically and sterically enhanced nickel catalyst. <i>Polymer Chemistry</i> , 2017, 8, 6416-6430.	1.9	89
1974	From Click Chemistry to Cross-Coupling: Designer Polymers from One Efficient Reaction. <i>Macromolecules</i> , 2017, 50, 8010-8018.	2.2	28
1975	Thermoresponsive behavior of water-salt solutions of a graft copolymer with a main polyimide chain and side poly(<i>N,N</i> -dimethylamino-2-ethyl methacrylate) side chains. <i>Polymer Science - Series A</i> , 2017, 59, 605-612.	0.4	0
1976	Electrochemically Mediated Reversible Addition-Fragmentation Chain-Transfer Polymerization. <i>Macromolecules</i> , 2017, 50, 7872-7879.	2.2	94
1977	Growth of polymer brushes by α -grafting from via ATRP Monte Carlo simulations. <i>Polymer</i> , 2017, 130, 267-279.	1.8	27
1978	Photoinduced Metal-Free Atom Transfer Radical Polymerization Using Highly Conjugated Thienothiophene Derivatives. <i>Macromolecules</i> , 2017, 50, 6903-6910.	2.2	68
1979	Photoactivated Structurally Tailored and Engineered Macromolecular (STEM) gels as precursors for materials with spatially differentiated mechanical properties. <i>Polymer</i> , 2017, 126, 224-230.	1.8	28
1980	Design of nano- and micro-structured molecule-responsive hydrogels. <i>Polymer Journal</i> , 2017, 49, 751-757.	1.3	9
1981	Monodisperse copolymer nanosphere assembly by miniemulsion polymerization. <i>European Polymer Journal</i> , 2017, 96, 111-118.	2.6	8

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1983	Complex Self-Assembly Behavior of Bis-hydrophilic PEO- <i>b</i> -PCL- <i>b</i> -PMOXA Triblock Copolymers in Aqueous Solution. <i>Macromolecules</i> , 2017, 50, 7155-7168.	2.2	14
1984	Hexamethylphosphoramide as a highly reactive catalyst for the reversible-deactivation radical polymerization of MMA with an in situ formed alkyl iodide initiator. <i>Polymer Chemistry</i> , 2017, 8, 6073-6085.	1.9	14
1985	Organocatalyzed Photo-Atom Transfer Radical Polymerization of Methacrylic Acid in Continuous Flow and Surface Grafting. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700423.	2.0	39
1986	Rapid Visible Light-Mediated Controlled Aqueous Polymerization with In Situ Monitoring. <i>ACS Macro Letters</i> , 2017, 6, 1109-1113.	2.3	65
1988	Mechanical and responsive properties of temperature-responsive gels prepared via atom transfer radical polymerization. <i>Polymer Chemistry</i> , 2017, 8, 6050-6057.	1.9	23
1989	Controlled radical fluorination of poly(meth)acrylic acids in aqueous solution. <i>Nature Communications</i> , 2017, 8, 277.	5.8	17
1990	Coated triangular Ag nanoprisms as optical sensors: control of stability and spectral response with a thermo-responsive polymer. <i>Analytical Methods</i> , 2017, 9, 4663-4672.	1.3	7
1992	Thermoresponsive hydrogels based on sucrose 1- <i>O</i> - α -D-methacrylate and <i>N</i> -isopropylacrylamide: Synthesis, properties, and applications. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45495.	1.3	12
1993	Semicrystalline Polymer Binary-Phase Structure Templated Quasi-Block Graft Copolymers. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7508-7518.	1.2	9
1994	Versatile Tetrablock Copolymer Scaffold for Hierarchical Colloidal Nanoparticle Assemblies: Synthesis, Characterization, and Molecular Dynamics Simulation. <i>Langmuir</i> , 2017, 33, 8201-8212.	1.6	12
1995	Thermoplastic Dielectric Elastomer of Triblock Copolymer with High Electromechanical Performance. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700268.	2.0	30
1997	How penultimate monomer unit effects and initiator influence ICAR ATRP of <i>n</i> -butyl acrylate and methyl methacrylate. <i>AIChE Journal</i> , 2017, 63, 4971-4986.	1.8	35
1998	Poly(<i>N</i> -vinylpyrrolidone)- <i>b</i> -polydimethylsiloxane amphiphilic ABA triblock copolymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3387-3394.	2.5	9
1999	Synthesis and post-polymerisation ligations of PEG-based hyperbranched polymers for RNA conjugation via reversible disulfide linkage. <i>Macromolecular Research</i> , 2017, 25, 599-614.	1.0	3
2000	Particle Nucleation in the Initial Stage of Emulsifier-Free, Emulsion Organotellurium-Mediated Living Radical Polymerization (Emulsion TERP) of Styrene: Kinetic Approach. <i>Macromolecular Theory and Simulations</i> , 2017, 26, 1600046.	0.6	4
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2002	Efficacy of antifouling modification of ultrafiltration membranes by grafting zwitterionic polymer brushes. <i>Separation and Purification Technology</i> , 2017, 189, 389-398.	3.9	84

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2004	Lignin-based polymers via graft copolymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3515-3528.	2.5	100
2005	Visible-light-induced synthesis of polymers with versatile end groups mediated by organocobalt complexes. <i>Polymer Chemistry</i> , 2017, 8, 6033-6038.	1.9	13
2008	Toward Sulfur-Free RAFT Polymerization Induced Self-Assembly. <i>ACS Macro Letters</i> , 2017, 6, 1438-1443.	2.3	32
2009	Thermoresponsive Surface-Grafted Gels: Controlling the Bulk Volume Change Properties by Surface-Localized Polymer Grafting with Various Densities. <i>Langmuir</i> , 2017, 33, 13828-13833.	1.6	10
2010	Synthesis of block copolymers by mechanistic transformation from photoinitiated cationic polymerization to a RAFT process. <i>Polymer Chemistry</i> , 2017, 8, 7307-7310.	1.9	4
2011	Polymer Chemistry: Current Status and Perspective. <i>Chemistry International</i> , 2017, 39, 7-11.	0.3	5
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2013	Photoinduced Fe-mediated atom transfer radical polymerization in aqueous media. <i>Polymer Chemistry</i> , 2017, 8, 7360-7368.	1.9	19
2014	Photopolymerization processes of thick films and in shadow areas: a review for the access to composites. <i>Polymer Chemistry</i> , 2017, 8, 7088-7101.	1.9	145
2015	Synthetic Lift-off Polymer beneath Layer-by-Layer Films for Surface-Mediated Drug Delivery. <i>ACS Macro Letters</i> , 2017, 6, 1320-1324.	2.3	9
2016	<i>50th Anniversary Perspective</i>: Polymer Functionalization. <i>Macromolecules</i> , 2017, 50, 5215-5252.	2.2	318
2017	Cyclopolymerization of Cleavable Acrylate-Vinyl Ether Divinyl Monomer via Nitroxide-Mediated Radical Polymerization: Copolymer beyond Reactivity Ratio. <i>ACS Macro Letters</i> , 2017, 6, 754-757.	2.3	28
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2019	Thiol-reactive (co)polymer scaffolds comprising organic arsenical acrylamides. <i>Chemical Communications</i> , 2017, 53, 8447-8450.	2.2	9
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2024	Azo Polymers. <i>Soft and Biological Matter</i> , 2017, , .	0.3	39
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2026	2,6-Bis-benzimidazolylpyridines as new catalyst in copper-based ATRP. <i>Polymer Bulletin</i> , 2017, 74, 931-948.	1.7	4
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2028	Eutectic mixtures as a green alternative for efficient catalyst recycling in atom transfer radical polymerizations. <i>Journal of Polymer Science Part A</i> , 2017, 55, 371-381.	2.5	17
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2033	Synthesis and Phase Transition of Poly(N-isopropylacrylamide)-Based Thermo-Sensitive Cyclic Brush Polymer. <i>Polymers</i> , 2017, 9, 301.	2.0	27
2034	One-Pot Synthesis of Charged Amphiphilic Diblock and Triblock Copolymers Via High-Throughput Cu(0)-Mediated Polymerization. <i>Polymers</i> , 2017, 9, 320.	2.0	4
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2038	Poly(N-isopropylacrylamide) and Copolymers: A Review on Recent Progresses in Biomedical Applications. <i>Gels</i> , 2017, 3, 36.	2.1	268
2039	Approaches for Conjugating Tailor-Made Polymers to Proteins. <i>Methods in Enzymology</i> , 2017, 590, 193-224.	0.4	8
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2042	Aerosol Delivery of siRNA to the Lungs. Part 2: Nanocarrier-based Delivery Systems. <i>KONA Powder and Particle Journal</i> , 2017, 34, 44-69.	0.9	19
2043	Synthesis of PNVP-Based Copolymers with Tunable Thermosensitivity by Sequential Reversible Addition- Fr agmentation Chain Transfer Copolymerization and Ring-Opening Polymerization. <i>Polymers</i> , 2017, 9, 231.	2.0	15
2044	Polymer-based Nanodevices for Effective Antimicrobial Therapy: Synthetic Strategies and Applications. <i>Current Applied Polymer Science</i> , 2017, 1, 3-18.	0.2	0
2045	Precision Synthesis of Degradable Alternating Copolymers of Fluorine-Containing Vinyl Ethers and Conjugated Aldehydes. <i>Kobunshi Ronbunshu</i> , 2017, 74, 608-615.	0.2	0
2046	Thermoplastic Elastomers Based on Block, Graft, and Star Copolymers. , 0, , .		7
2047	Reversible Surface Engineering via Nitron-Mediated Radical Coupling. <i>Langmuir</i> , 2018, 34, 3244-3255.	1.6	3
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2050	Bis(formylpyrrolyl) cobalt complexes as mediators in the reversible-deactivation radical polymerization of styrene and methyl methacrylate. <i>New Journal of Chemistry</i> , 2018, 42, 5900-5913.	1.4	3
2051	How the catalyst circulates and works in organocatalyzed atom transfer radical polymerization. <i>AIChE Journal</i> , 2018, 64, 2581-2591.	1.8	12
2052	From Homogeneous to Heterogeneous: A Simple Approach to Prepare Polymer Brush Modified Surfaces for Anti-Adhesion of Bacteria. <i>Colloids and Interface Science Communications</i> , 2018, 23, 21-28.	2.0	22
2053	Non-ionic fluorinated amphiphilic block copolymer via RAFT polymerization and their application as surfactant in emulsion polymerization. <i>Materials Today: Proceedings</i> , 2018, 5, 2040-2048.	0.9	1
2054	Preparation of novel thioxanthone based polymeric photoinitiator for flexographic varnish and determination of their migration behaviour. <i>Progress in Organic Coatings</i> , 2018, 119, 36-43.	1.9	27
2055	Normal, ICAR and photomediated butadiene-ATRP with iron complexes. <i>Polymer Chemistry</i> , 2018, 9, 2389-2406.	1.9	19
2056	Rapid Polymer Conjugation Strategies for the Generation of pH-Responsive, Cancer Targeting, Polymeric Nanoparticles. <i>Biomacromolecules</i> , 2018, 19, 2721-2730.	2.6	8
2057	Site-selective protein modification with polymers for advanced biomedical applications. <i>Biomaterials</i> , 2018, 178, 413-434.	5.7	64
2058	Azobenzene-Based (Meth)acrylates: Controlled Radical Polymerization, Photoresponsive Solid-Liquid Phase Transition Behavior, and Application to Reworkable Adhesives. <i>Macromolecules</i> , 2018, 51, 3243-3253.	2.2	94

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2066	Carbon dioxide-based copolymers with various architectures. <i>Progress in Polymer Science</i> , 2018, 82, 120-157.	11.8	115
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2069	Monitoring photopolymerization reactions through thermal imaging: A unique tool for the real-time follow-up of thick samples, 3D printing, and composites. <i>Journal of Polymer Science Part A</i> , 2018, 56, 889-899.	2.5	27
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2071	Synthesis of β -myrcene/glycidyl methacrylate statistical and amphiphilic diblock copolymers by SG1 nitroxide-mediated controlled radical polymerization. <i>Journal of Polymer Science Part A</i> , 2018, 56, 860-878.	2.5	24
2072	Polymer Chelating Ligands: Classification, Synthesis, Structure, and Chemical Transformations. <i>Springer Series in Materials Science</i> , 2018, , 13-197.	0.4	3
2073	Nanoflower-Shaped Biocatalyst with Peroxidase Activity Enhances the Reversible Addition-fragmentation Chain Transfer Polymerization of Methacrylate Monomers. <i>Macromolecules</i> , 2018, 51, 716-723.	2.2	14
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2075	2D laser lithography on silicon substrates via photoinduced copper-mediated radical polymerization. <i>Chemical Communications</i> , 2018, 54, 751-754.	2.2	12
2076	New protocol to determine the equilibrium constant of atom transfer radical polymerization. <i>Electrochimica Acta</i> , 2018, 260, 648-655.	2.6	43
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2079	Unsymmetrical difunctionalization of cyclooctadiene under continuous flow conditions: expanding the scope of ring opening metathesis polymerization. <i>Chemical Science</i> , 2018, 9, 1846-1853.	3.7	12
2080	Effect of Mesoporous Diatomite Particles on the Kinetics of SR&NI ATRP of Styrene and Butyl Acrylate. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 471-487.	1.4	8
2081	Photocatalysis and self-catalyzed photobleaching with covalently-linked chromophore-quencher conjugates built around BOPHY. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 750-762.	1.6	12
2082	A new method in designing compatibility and adhesion of EVA/PMMA blend by using EVA-g-PMMA with controlled graft chain length. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	12
2083	Aqueous Metal-Free Atom Transfer Radical Polymerization: Experiments and Model-Based Approach for Mechanistic Understanding. <i>Macromolecules</i> , 2018, 51, 2367-2376.	2.2	61
2084	How Do Reaction and Reactor Conditions Affect Photoinduced Electron/Energy Transfer Reversible Addition-Fragmentation Transfer Polymerization?. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4203-4213.	1.8	52
2085	Advances and applications of block-copolymer-based nanoformulations. <i>Drug Discovery Today</i> , 2018, 23, 1139-1151.	3.2	46
2086	Adapting benzoxazine chemistry for unconventional applications. <i>Reactive and Functional Polymers</i> , 2018, 129, 76-88.	2.0	120
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2091	Ab-Initio-Based Kinetic Modeling to Understand RAFT Exchange: The Case of 2-Cyano-Propyl Dodecyl Trithiocarbonate and Styrene. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700403.	2.0	12
2092	An efficient, heterogeneous, reusable atom transfer radical polymerization catalyst. <i>Polymer International</i> , 2018, 67, 55-60.	1.6	8
2093	Iron-based electrochemically mediated atom transfer radical polymerization with tunable catalytic activity. <i>AIChE Journal</i> , 2018, 64, 961-969.	1.8	22
2094	Photolabile protecting groups: a strategy for making primary amine polymers by RAFT. <i>Polymer Chemistry</i> , 2018, 9, 1557-1561.	1.9	15
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2099	Designing superhydrophobic surface based on fluoropolymer-silica nanocomposite via RAFT-mediated polymerization-induced self-assembly. <i>Journal of Polymer Science Part A</i> , 2018, 56, 266-275.	2.5	19
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2101	From Precision Synthesis of Block Copolymers to Properties and Applications of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2046-2070.	7.2	138
2102	POSS-Containing Polymethacrylates on Cellulose-Based Substrates: Immobilization and Ceramic Formation. <i>Coatings</i> , 2018, 8, 446.	1.2	1
2105	Synthesis of well-defined PCL- <i>b</i> -PnBA- <i>b</i> -PMMA ABC-type triblock copolymers: toward the construction of nanostructures in epoxy thermosets. <i>Polymer Chemistry</i> , 2018, 9, 5644-5654.	1.9	30
2106	Addressing the role of triphenylphosphine in copper catalyzed ATRP. <i>Polymer Chemistry</i> , 2018, 9, 5348-5358.	1.9	7
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