

Franck D'Agosto

List of Publications by Year in descending order

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papers

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50170

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times ranked

4319
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#	ARTICLE	IF	CITATIONS
1	Polymerization-Induced Self-Assembly: From Soluble Macromolecules to Block Copolymer Nano-Objects in One Step. <i>Macromolecules</i> , 2012, 45, 6753-6765.	2.2	724
2	RAFT-Mediated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8368-8392.	7.2	374
3	Well-Defined Amphiphilic Block Copolymers and Nano-objects Formed <i>in Situ</i> via RAFT-Mediated Aqueous Emulsion Polymerization. <i>Macromolecules</i> , 2011, 44, 4149-4158.	2.2	222
4	Toward a Better Understanding of the Parameters that Lead to the Formation of Nonspherical Polystyrene Particles via RAFT-Mediated One-Pot Aqueous Emulsion Polymerization. <i>Macromolecules</i> , 2012, 45, 4075-4084.	2.2	184
5	One-Pot Synthesis of Poly(methacrylic acid-co-poly(ethylene oxide) methyl ether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 S via RAFT-Mediated Radical Emulsion Polymerization. A Kinetic Study. <i>Macromolecules</i> , 2011, 44, 7584-7593.	2.2	164
6	Versatile Precursors of Functional RAFT Agents. Application to the Synthesis of Bio-Related End-Functionalized Polymers. <i>Journal of the American Chemical Society</i> , 2006, 128, 2546-2547.	6.6	160
7	Effect of the pH on the RAFT Polymerization of Acrylic Acid in Water. Application to the Synthesis of Poly(acrylic acid)-Stabilized Polystyrene Particles by RAFT Emulsion Polymerization. <i>Macromolecules</i> , 2013, 46, 6013-6023.	2.2	155
8	Batch Emulsion Polymerization Mediated by Poly(methacrylic acid) MacroRAFT Agents: One-Pot Synthesis of Self-Stabilized Particles. <i>Macromolecules</i> , 2012, 45, 5881-5893.	2.2	139
9	The Effect of Hydrophile Topology in RAFT-Mediated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3739-3743.	7.2	126
10	Polyethylene Building Blocks by Catalyzed Chain Growth and Efficient End Functionalization Strategies, Including Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9311-9313.	7.2	121
11	Synthesis of well-defined polymer architectures by successive catalytic olefin polymerization and living/controlled polymerization reactions. <i>Progress in Polymer Science</i> , 2007, 32, 419-454.	11.8	119
12	Amphiphilic Block Copolymers from a Direct and One-Pot RAFT Synthesis in Water. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1270-1276.	2.0	113
13	Catalyzed chain growth (CCG) on a main group metal: an efficient tool to functionalize polyethylene. <i>Polymer Chemistry</i> , 2010, 1, 793.	1.9	112
14	RAFT-mediated one-pot aqueous emulsion polymerization of methyl methacrylate in presence of poly(methacrylic acid-co-poly(ethylene oxide) methacrylate) trithiocarbonate macromolecular chain transfer agent. <i>Polymer</i> , 2013, 54, 2011-2019.	1.8	111
15	Molecular Weight and Functional End Group Control by RAFT Polymerization of a Bisubstituted Acrylamide Derivative. <i>Macromolecules</i> , 2003, 36, 621-629.	2.2	110
16	Synthesis of N-acryloxysuccinimide copolymers by RAFT polymerization, as reactive building blocks with full control of composition and molecular weights. <i>Polymer</i> , 2004, 45, 7821-7830.	1.8	106
17	Dynamic Stratification in Drying Films of Colloidal Mixtures. <i>Physical Review Letters</i> , 2016, 116, 118301.	2.9	105
18	Well-Defined Amphiphilic Block Copolymer Nanoobjects via Nitroxide-Mediated Emulsion Polymerization. <i>ACS Macro Letters</i> , 2012, 1, 47-51.	2.3	103

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19	Controlled radical polymerization of styrene in miniemulsion mediated by PEO-based trithiocarbonate macromolecular RAFT agents. <i>Polymer Chemistry</i> , 2011, 2, 355-362.	1.9	94
20	Polymerization of Ethylene through Reversible Addition–Fragmentation Chain Transfer (RAFT). <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6683-6686.	7.2	85
21	Synthetic and characterization aspects of dimethylaminoethyl methacrylate reversible addition fragmentation chain transfer (RAFT) polymerization. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3551-3565.	2.5	84
22	Combining Steric and Electrostatic Stabilization Using Hydrophilic MacroRAFT Agents in an Ab Initio Emulsion Polymerization of Styrene. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1325-1332.	2.0	78
23	RAFT Polymerization of Methacrylic Acid in Water. <i>Macromolecules</i> , 2012, 45, 1241-1247.	2.2	72
24	Telechelic Polyethylene from Catalyzed Chain–Growth Polymerization. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3438-3441.	7.2	71
25	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000216.	1.1	69
26	Core–Shell Nanoreactors for Efficient Aqueous Biphasic Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 15505-15517.	1.7	68
27	Use of a Poly(ethylene oxide) MacroRAFT Agent as Both a Stabilizer and a Control Agent in Styrene Polymerization in Aqueous Dispersed System. <i>Macromolecules</i> , 2009, 42, 946-956.	2.2	66
28	RAFT copolymerization of methacrylic acid and poly(ethylene glycol) methyl ether methacrylate in the presence of a hydrophobic chain transfer agent in organic solution and in water. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3045-3055.	2.5	63
29	Cerium oxide encapsulation by emulsion polymerization using hydrophilic macroRAFT agents. <i>Polymer Chemistry</i> , 2013, 4, 607-614.	1.9	62
30	Modification of cellulose model surfaces by cationic polymer latexes prepared by RAFT-mediated surfactant-free emulsion polymerization. <i>Polymer Chemistry</i> , 2014, 5, 6076-6086.	1.9	62
31	Emulsion Polymerization of Vinyl Acetate in the Presence of Different Hydrophilic Polymers Obtained by RAFT/MADIX. <i>Macromolecules</i> , 2014, 47, 3461-3472.	2.2	61
32	Completely Miscible Polyethylene Nanocomposites. <i>Journal of the American Chemical Society</i> , 2012, 134, 18157-18160.	6.6	60
33	Nitroxide-Mediated Copolymerization of Methacrylic Acid and Sodium 4-Styrenesulfonate in Water Solution and One-Pot Synthesis of Amphiphilic Block Copolymer Nanoparticles. <i>Macromolecules</i> , 2011, 44, 5590-5598.	2.2	59
34	New Functional Polyolefins: Towards a Bridge Between Catalytic and RAFT Polymerizations?. <i>Macromolecular Rapid Communications</i> , 2006, 27, 173-181.	2.0	56
35	Preparation of Hybrid Latex Particles and Core–Shell Particles Through the Use of Controlled Radical Polymerization Techniques in Aqueous Media. <i>Advances in Polymer Science</i> , 2010, , 125-183.	0.4	56
36	Synthesis of Comblike Poly(butyl methacrylate) Using Reversible Addition–Fragmentation Chain Transfer and an Activated Ester. <i>Macromolecules</i> , 2004, 37, 2371-2382.	2.2	55

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37	Block Copolymers of $\hat{1}^3$ -Methacryloxypropyltrimethoxysilane and Methyl Methacrylate by RAFT Polymerization. A New Class of Polymeric Precursors for the Solâˆ“Gel Process. <i>Macromolecules</i> , 2005, 38, 1591-1598.	2.2	54
38	Hydrophilic MacroRAFT-Mediated Emulsion Polymerization: Synthesis of Latexes for Cross-Linked and Surfactant-Free Films. <i>Macromolecules</i> , 2017, 50, 9315-9328.	2.2	52
39	Kinetic Study of Free-Radical Solution Copoly- merization of N-Acryloylmorpholine with an Activated Ester-Type Monomer, N-Acryloxysuccinimide. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 1689-1699.	1.1	51
40	Wellâ€defined polyolefin/poly($\hat{1}$ â€caprolactone) diblock copolymers: New synthetic strategy and application. <i>Journal of Polymer Science Part A</i> , 2011, 49, 511-517.	2.5	50
41	Deciphering the Mechanism of Coordinative Chain Transfer Polymerization of Ethylene Using Neodymocene Catalysts and Dialkylmagnesium. <i>ACS Catalysis</i> , 2016, 6, 851-860.	5.5	50
42	Divinylâ€Endâ€Functionalized Polyethylenes: Ready Access to a Range of Telechelic Polyethylenes through Thiolâ€Ene Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4631-4635.	7.2	49
43	Synthesis and Characterization of Macroalkoxyamines Based on Polyethylene. <i>Macromolecules</i> , 2004, 37, 3540-3542.	2.2	48
44	Aqueous phase homogeneous catalysis using coreâ€shell nanoreactors: Application to rhodium-catalyzed hydroformylation of 1-octene. <i>Journal of Catalysis</i> , 2015, 324, 1-8.	3.1	48
45	Enhanced Water Barrier Properties of Surfactant-Free Polymer Films Obtained by MacroRAFT-Mediated Emulsion Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11221-11232.	4.0	48
46	Subâ€Micrometer Sized Hairy Latex Particles Synthesized by Dispersion Polymerization Using Hydrophilic Macromolecular RAFT Agents. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1540-1545.	2.0	47
47	Direct Molar Mass Determination of Self-Assembled Amphiphilic Block Copolymer Nanoobjects Using Electrospray-Charge Detection Mass Spectrometry. <i>ACS Macro Letters</i> , 2012, 1, 414-417.	2.3	47
48	Use of a Lewis Acid Surfactant Combined Catalyst in Cationic Polymerization in Miniemulsion: Apparent and Hidden Initiators. <i>Macromolecules</i> , 2004, 37, 3136-3142.	2.2	46
49	SEC Analysis of Poly(Acrylic Acid) and Poly(Methacrylic Acid). <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 23-37.	1.1	46
50	RAFTâ€vermittelte polymerisationsinduzierte Selbstorganisation (PISA). <i>Angewandte Chemie</i> , 2020, 132, 8444-8470.	1.6	45
51	Catalyzed chain growth of polyethylene on magnesium for the synthesis of macroalkoxyamines: Application to the production of block copolymers using controlled radical polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2705-2718.	2.5	44
52	Stabilization of Miniemulsion Droplets by Cerium Oxide Nanoparticles: A Step toward the Elaboration of Armored Composite Latexes. <i>Langmuir</i> , 2012, 28, 6163-6174.	1.6	44
53	Xyloglucan-Functional Latex Particles via RAFT-Mediated Emulsion Polymerization for the Biomimetic Modification of Cellulose. <i>Biomacromolecules</i> , 2016, 17, 1414-1424.	2.6	43
54	Oneâ€Step Synthesis of Degradable Vinylic Polymerâ€Based Latexes via Aqueous Radical Emulsion Polymerization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	42

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55	pH-Switchable Stratification of Colloidal Coatings: Surfaces "On Demand". ACS Applied Materials & Interfaces, 2016, 8, 34755-34761.	4.0	40
56	Polymerization-Induced Self-Assembly: The Contribution of Controlled Radical Polymerization to The Formation of Self-Stabilized Polymer Particles of Various Morphologies. , 0, , 33-82.		40
57	Latex particles bearing hydrophilic grafted hairs with controlled chain length and functionality synthesized by reversible addition-fragmentation chain transfer. Journal of Polymer Science Part A, 2003, 41, 1188-1195.	2.5	39
58	Amphiphilic core-cross-linked micelles functionalized with bis(4-methoxyphenyl)phenylphosphine as catalytic nanoreactors for biphasic hydroformylation. Polymer, 2015, 72, 327-335.	1.8	39
59	From well-defined poly(N -acryloylmorpholine)-stabilized nanospheres to uniform mannuronan- and guluronan-decorated nanoparticles by RAFT polymerization-induced self-assembly. Polymer, 2016, 106, 218-228.	1.8	39
60	Controlled Radical Polymerization of Ethylene Using Organotellurium Compounds. Angewandte Chemie - International Edition, 2018, 57, 305-309.	7.2	39
61	Di- and Triblock Copolymers Based on Polyethylene and Polyisobutene Blocks. Toward New Thermoplastic Elastomers. Macromolecules, 2013, 46, 3417-3424.	2.2	38
62	Biotin-end-functionalized highly fluorescent water-soluble polymers. Polymer Chemistry, 2013, 4, 2968.	1.9	38
63	Grafting of polyethylene onto graphite oxide sheets: a comparison of two routes. Polymer Chemistry, 2013, 4, 2828.	1.9	37
64	Nanocomposite latexes containing layered double hydroxides via RAFT-assisted encapsulating emulsion polymerization. Polymer Chemistry, 2017, 8, 1233-1243.	1.9	37
65	Synthesis of Lipid-End-Functionalized Chains by RAFT Polymerization. Stabilization of Lipid/Polymer Particle Assemblies. Macromolecules, 2008, 41, 8346-8353.	2.2	36
66	Thiol-End-Functionalized Polyethylenes. Macromolecules, 2010, 43, 7495-7503.	2.2	36
67	Soft and rigid core latex nanoparticles prepared by RAFT-mediated surfactant-free emulsion polymerization for cellulose modification " a comparative study. Polymer Chemistry, 2017, 8, 1061-1073.	1.9	36
68	Polyethylene End Functionalization Using Radical-Mediated Thiol-Ene Chemistry: Use of Polyethylenes Containing Alkene End Functionality. Macromolecules, 2011, 44, 3381-3387.	2.2	35
69	Alkoxyamine-functionalized latex nanoparticles through RAFT polymerization-induced self-assembly in water. Polymer Chemistry, 2015, 6, 5405-5413.	1.9	35
70	Opportunities for dual RDRP agents in synthesizing novel polymeric materials. Polymer Chemistry, 2017, 8, 4916-4946.	1.9	35
71	Kinetic Study of the "Living" Cationic Polymerization of a Galactose Carrying Vinyl Ether. MALDI-TOF MS Analysis of the Resulting Glycopolymers. Macromolecules, 2002, 35, 7911-7918.	2.2	34
72	Additional Retardation in RAFT Polymerization: Detection of Terminated Intermediate Radicals. Macromolecular Rapid Communications, 2007, 28, 856-862.	2.0	33

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73	Synthesis of multi-hollow clay-armored latexes by surfactant-free emulsion polymerization of styrene mediated by poly(ethylene oxide)-based macroRAFT/Laponite complexes. <i>Polymer Chemistry</i> , 2014, 5, 6611-6622.	1.9	33
74	A RAFT Analogue Olefin Polymerization Technique Using Coordination Chemistry. <i>Australian Journal of Chemistry</i> , 2010, 63, 1155.	0.5	32
75	Microphase Separation and Crystallization in H-Bonding End-Functionalized Polyethylenes. <i>Macromolecules</i> , 2015, 48, 3257-3268.	2.2	32
76	Poly(ethylene) brushes grafted to silicon substrates. <i>Polymer Chemistry</i> , 2012, 3, 1838-1845.	1.9	31
77	Amino End-Functionalized Polyethylenes and Corresponding Telechelics by Coordinative Chain Transfer Polymerization. <i>Macromolecules</i> , 2017, 50, 8372-8377.	2.2	31
78	Synthesis of Block Copolymers Based on Polyethylene by Thermally Induced Controlled Radical Polymerization Using Mn ₂ (CO) ₁₀ . <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 958-963.	1.1	30
79	Surfactant-free poly(vinylidene chloride) latexes via one-pot RAFT-mediated aqueous polymerization. <i>Polymer</i> , 2016, 106, 275-284.	1.8	30
80	Toward Anisotropic Hybrid Materials: Directional Crystallization of Amphiphilic Polyoxazoline-Based Triblock Terpolymers. <i>ACS Nano</i> , 2015, 9, 10085-10098.	7.3	29
81	Core phosphine-functionalized amphiphilic nanogels as catalytic nanoreactors for aqueous biphasic hydroformylation. <i>Journal of Catalysis</i> , 2016, 342, 164-172.	3.1	28
82	Structural and Mechanical Properties of Supramolecular Polyethylenes. <i>Macromolecules</i> , 2018, 51, 2630-2640.	2.2	28
83	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.	2.5	27
84	Polyethylenes bearing a terminal porphyrin group. <i>Chemical Communications</i> , 2011, 47, 7057.	2.2	26
85	Synthesis of Cyclopentadienyl Capped Polyethylene and Subsequent Block Copolymer Formation Via Hetero Diels-Alder (HDA) Chemistry. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1447-1453.	2.0	26
86	Aromatic Xanthates and Dithiocarbamates for the Polymerization of Ethylene through Reversible Addition-Fragmentation Chain Transfer (RAFT). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14295-14302.	7.2	26
87	Poly(ethylene glycol)- <i>b</i> -poly(vinyl acetate) block copolymer particles with various morphologies via RAFT/MADIX aqueous emulsion PISA. <i>Polymer Chemistry</i> , 2020, 11, 3922-3930.	1.9	25
88	New Insight into Cluster Aggregation Mechanism during Polymerization-Induced Self-Assembly by Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6609-6617.	1.2	24
89	Polyethylene Aerogels with Combined Physical and Chemical Crosslinking: Improved Mechanical Resilience and Shape-Memory Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15883-15889.	7.2	24
90	Ethylene Polymerization-Induced Self-Assembly (PISA) of Poly(ethylene oxide)- <i>b</i> -polyethylene Copolymers via RAFT. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10385-10390.	7.2	24

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91	High molecular weight hydrophilic functional copolymers by free-radical copolymerization of acrylamide and of N-acryloylmorpholine with N-acryloxysuccinimide: Application to the synthesis of a graft copolymer. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1808-1816.	1.3	23
92	Polyethylene end functionalization using thia-Michael addition chemistry. <i>Polymer Chemistry</i> , 2012, 3, 2383.	1.9	23
93	Controlling the Morphology of Film-Forming, Nanocomposite Latexes Containing Layered Double Hydroxide by RAFT-Mediated Emulsion Polymerization. <i>Macromolecules</i> , 2018, 51, 3953-3966.	2.2	23
94	The Effect of Hydrophile Topology in RAFT-Mediated Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2016, 128, 3803-3807.	1.6	22
95	Tailoring adhesion of anionic surfaces using cationic PISA-latexes towards tough nanocellulose materials in the wet state. <i>Nanoscale</i> , 2019, 11, 4287-4302.	2.8	22
96	Side-Product of N-Acryloxysuccinimide Synthesis or Useful New Bifunctional Monomer?. <i>Macromolecular Bioscience</i> , 2001, 1, 322-328.	2.1	19
97	Polymer of Controlled Chain Length Carrying Hydrophilic Galactose Moieties for Immobilization of DNA Probes. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 146-154.	1.1	19
98	Block copolymers via macromercaptan initiated ring opening polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 803-813.	2.5	19
99	Tailoring the Morphology of Polymer/Montmorillonite Hybrid Latexes by Surfactant-Free Emulsion Polymerization Mediated by Amphiphilic MacroRAFT Agents. <i>Macromolecules</i> , 2019, 52, 4979-4988.	2.2	19
100	Oligonucleotide synthesis onto poly(N-acryloylmorpholine-co-N-acryloxysuccinimide): Assessment of the resulting conjugates in a DNA sandwich hybridization test. <i>Journal of Applied Polymer Science</i> , 2004, 92, 3784-3795.	1.3	18
101	In Situ Monitoring of Latex Film Formation by Small-Angle Neutron Scattering: Evolving Distributions of Hydrophilic Stabilizers in Drying Colloidal Films. <i>Langmuir</i> , 2019, 35, 3822-3831.	1.6	18
102	Synthesis of polyethylene-grafted multiwalled carbon nanotubes via a peroxide-initiating radical coupling reaction and by using well-defined TEMPO and thiol end-functionalized polyethylenes. <i>Journal of Polymer Science Part A</i> , 2011, 49, 957-965.	2.5	17
103	The Charging of Micellar Nanoparticles in Electrospray Ionization. <i>ChemPhysChem</i> , 2013, 14, 603-609.	1.0	17
104	Efficient Copper-Mediated Surface-Initiated Polymerization from Raw Polymer Latex in Water. <i>Macromolecules</i> , 2012, 45, 2972-2980.	2.2	16
105	Poly(vinylidene chloride)-Based Amphiphilic Block Copolymers. <i>Macromolecules</i> , 2013, 46, 664-673.	2.2	16
106	Coordination Chemistry Inside Polymeric Nanoreactors: Interparticle Metal Exchange and Ionic Compound Vectorization in Phosphine-Functionalized Amphiphilic Polymer Latexes. <i>Chemistry - A European Journal</i> , 2016, 22, 6302-6313.	1.7	16
107	Dialkenylmagnesium Compounds in Coordinative Chain Transfer Polymerization of Ethylene. Reversible Chain Transfer Agents and Tools To Probe Catalyst Selectivities toward Ring Formation. <i>Organometallics</i> , 2018, 37, 1546-1554.	1.1	16
108	Aromatic Xanthates and Dithiocarbamates for the Polymerization of Ethylene through Reversible Addition-Fragmentation Chain Transfer (RAFT). <i>Angewandte Chemie</i> , 2019, 131, 14433-14440.	1.6	15

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109	Iodine-Transfer Polymerization (ITP) of Ethylene and Copolymerization with Vinyl Acetate. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19304-19310.	7.2	15
110	A Thermomorphic Polyethylene-Supported Imidazolium Salt for the Fixation of CO ₂ into Cyclic Carbonates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1696-1705.	2.1	15
111	Study of the solution and aqueous emulsion copolymerization of vinylidene chloride with methyl acrylate in the presence a poly(ethylene oxide) macromolecular RAFT agent. <i>Polymer</i> , 2013, 54, 6547-6554.	1.8	14
112	Synthesis of poly(N-acryloylmorpholine) macromonomers using RAFT and their copolymerization with methacrylic acid for the design of graft copolymer additives for concrete. <i>Polymer Chemistry</i> , 2016, 7, 917-925.	1.9	14
113	Identification of a Transient but Key Motif in the Living Coordinative Chain Transfer Cyclocopolymerization of Ethylene with Butadiene. <i>ACS Catalysis</i> , 2019, 9, 9298-9309.	5.5	14
114	Enhanced Spin Capturing Polymerization of Ethylene. <i>Macromolecules</i> , 2013, 46, 29-36.	2.2	13
115	High-performance water-based barrier coatings for the corrosion protection of structural steel. <i>Steel Construction</i> , 2017, 10, 254-259.	0.4	13
116	Controlled Radical Polymerization of Ethylene Using Organotellurium Compounds. <i>Angewandte Chemie</i> , 2018, 130, 311-315.	1.6	13
117	Well-Defined Thermo-Responsive Copolymers Based on Oligo(Ethylene Glycol) Methacrylate and Pentafluorostyrene for the Removal of Organic Dyes from Water. <i>Nanomaterials</i> , 2020, 10, 1779.	1.9	13
118	Synthesis of Nanocapsules and Polymer/Inorganic Nanoparticles Through Controlled Radical Polymerization At and Near Interfaces in Heterogeneous Media. <i>Advances in Polymer Science</i> , 2015, , 123-161.	0.4	12
119	Initiated-Chemical Vapor Deposition of Polymer Thin Films: Unexpected Two-Regime Growth. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700315.	1.7	12
120	Monofunctional and Telechelic Polyethylenes Carrying Phosphonic Acid End Groups. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800154.	2.0	12
121	Polymer Nanospheres with Hydrophobic Surface Groups as Supramolecular Building Blocks Produced by Aqueous PISA. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800455.	2.0	12
122	Polymerization of Vinyl Chloride at Ambient Temperature Using Macromolecular Design via the Interchange of Xanthate: Kinetic and Computational Studies. <i>Macromolecules</i> , 2020, 53, 190-202.	2.2	12
123	One-Pot RAFT Synthesis of Triphenylphosphine-Functionalized Amphiphilic Core-Shell Polymers and Application as Catalytic Nanoreactors in Aqueous Biphasic Hydroformylation. <i>ACS Symposium Series</i> , 2015, , 203-220.	0.5	11
124	Synthesis of PMMA-based block copolymers by consecutive irreversible and reversible addition-fragmentation chain transfer polymerizations. <i>Polymer Chemistry</i> , 2019, 10, 6630-6640.	1.9	11
125	One-pot syntheses of heterotelechelic \hat{I} -vinyl, \hat{I} %-methoxysilane polyethylenes and condensation into comb-like and star-like polymers with high chain end functionality. <i>Polymer Chemistry</i> , 2020, 11, 3884-3891.	1.9	11
126	Synergetic Effect of Water-Soluble PEG-Based Macromonomers and Cellulose Nanocrystals for the Stabilization of PMMA Latexes by Surfactant-Free Emulsion Polymerization. <i>Biomacromolecules</i> , 2020, 21, 4479-4491.	2.6	11

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127	Thermomorphic Polyethylene-Supported Organocatalysts for the Valorization of Vegetable Oils and CO ₂ . <i>Advanced Sustainable Systems</i> , 2021, 5, 2000218.	2.7	11
128	Design of selective divalent chain transfer agents for coordinative chain transfer polymerization of ethylene and its copolymerization with butadiene. <i>Polymer Chemistry</i> , 2022, 13, 1970-1977.	1.9	11
129	Switch from Anionic Polymerization to Coordinative Chain Transfer Polymerization: A Valuable Strategy to Make Olefin Block Copolymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
130	Active and Recyclable Polyethylene-Supported Iridium-(N-Heterocyclic Carbene) Catalyst for Hydrogen/Deuterium Exchange Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2317-2323.	2.1	10
131	Core-Cross-Linked Micelles Made by RAFT Polymerization with a Polycationic Outer Shell Based on Poly(1-methyl-4-vinylpyridinium). <i>Macromolecules</i> , 2020, 53, 2198-2208.	2.2	10
132	Ethylene Polymerization-Induced Self-Assembly (PISA) of Poly(ethylene oxide)-block-polyethylene Copolymers via RAFT. <i>Angewandte Chemie</i> , 2020, 132, 10471-10476.	1.6	10
133	Laponite-based colloidal nanocomposites prepared by RAFT-mediated surfactant-free emulsion polymerization: the role of non-ionic and anionic macroRAFT polymers in stability and morphology control. <i>Polymer Chemistry</i> , 2021, 12, 69-81.	1.9	10
134	Intercalation and structural aspects of macroRAFT agents into MgAl layered double hydroxides. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 2000-2012.	1.5	9
135	Bis-N,N-aminophosphine (PNP) crosslinked poly(p-tert-butyl styrene) particles: A new support for heterogeneous palladium catalysts for Suzuki coupling reactions. <i>Catalysis Communications</i> , 2019, 129, 105715.	1.6	9
136	Statistical and Block Copolymers of Ethylene and Vinyl Acetate via Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100270.	2.0	8
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