Nikos Hadjichristidis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7871164/publications.pdf

Version: 2024-02-01

425 papers	21,795 citations	14124 69 h-index	19470 122 g-index
433 all docs	433 docs citations	433 times ranked	10526 citing authors

#	Article	IF	Citations
1	Polymers with Complex Architecture by Living Anionic Polymerization. Chemical Reviews, 2001, 101, 3747-3792.	23.0	1,274
2	Macromolecular architectures by living and controlled/living polymerizations. Progress in Polymer Science, 2006, 31, 1068-1132.	11.8	578
3	Anionic polymerization: High vacuum techniques. Journal of Polymer Science Part A, 2000, 38, 3211-3234.	2.5	541
4	Synthesis of Well-Defined Polypeptide-Based Materials via the Ring-Opening Polymerization of Î±-Amino Acid N-Carboxyanhydrides. Chemical Reviews, 2009, 109, 5528-5578.	23.0	485
5	Linear and non-linear triblock terpolymers. Synthesis, self-assembly in selective solvents and in bulk. Progress in Polymer Science, 2005, 30, 725-782.	11.8	410
6	Polymer-Based Photonic Crystals. Advanced Materials, 2001, 13, 421-425.	11.1	409
7	Anionic polymerization: High vacuum techniques. , 2000, 38, 3211.		392
8	Regular star polymers with 64 and 128 arms. Models for polymeric micelles. Macromolecules, 1993, 26, 4324-4331.	2.2	366
9	Synthesis of miktoarm star (?-star) polymers. Journal of Polymer Science Part A, 1999, 37, 857-871.	2.5	364
10	Ordered Bicontinuous Nanoporous and Nanorelief Ceramic Films from Self Assembling Polymer Precursors. Science, 1999, 286, 1716-1719.	6.0	348
11	Well-Defined, Model Long Chain Branched Polyethylene. 2. Melt Rheological Behavior. Macromolecules, 2002, 35, 3066-3075.	2.2	326
12	50th Anniversary Perspective: Polymers with Complex Architectures. Macromolecules, 2017, 50, 1253-1290.	2.2	311
13	Living Polypeptides. Biomacromolecules, 2004, 5, 1653-1656.	2.6	307
14	Synthesis of a model 3-miktoarm star terpolymer. Macromolecules, 1992, 25, 4649-4651.	2.2	253
15	Metal-Free Alternating Copolymerization of CO₂ with Epoxides: Fulfilling â€œGreenâ€• Synthesis and Activity. Journal of the American Chemical Society, 2016, 138, 11117-11120.	6.6	246
16	Molecular Weight Dependence of Hydrodynamic and Thermodynamic Properties for Well-Defined Linear Polymers in Solution. Journal of Physical and Chemical Reference Data, 1994, 23, 619-640.	1.9	229
17	Nonlinear Block Copolymer Architectures. , 1998, , 1-137.		226
18	The Strength of the Macromonomer Strategy for Complex Macromolecular Architecture: Molecular Characterization, Properties and Applications of Polymacromonomers. Macromolecular Rapid Communications, 2003, 24, 979-1013.	2.0	209

#	Article	IF	Citations
19	Synthesis of Block Copolymers. , 0, , 1-124.		186
20	Effect of Architecture on the Micellization Properties of Block Copolymers:Â A2B Miktoarm Stars vs AB Diblocks. Macromolecules, 2000, 33, 1741-1746.	2.2	184
21	Asymmetric Star Polymers: Synthesis and Properties. Advances in Polymer Science, 1999, , 71-127.	0.4	179
22	Controlled Anionic Polymerization of Hexamethylcyclotrisiloxane. Model Linear and Miktoarm Star Co- and Terpolymers of Dimethylsiloxane with Styrene and Isoprene. Macromolecules, 2000, 33, 6993-6997.	2.2	167
23	Novel 2-Dimensionally Periodic Non-Constant Mean Curvature Morphologies of 3-Miktoarm Star Terpolymers of Styrene, Isoprene, and Methyl Methacrylate. Macromolecules, 1998, 31, 5272-5277.	2.2	166
24	Synthesis and characterization of model 4-miktoarm star co- and quaterpolymers. Macromolecules, 1993, 26, 2479-2484.	2.2	162
25	Morphology and miscibility of miktoarm styrene-diene copolymers and terpolymers. Macromolecules, 1993, 26, 5812-5815.	2.2	159
26	A study of the linear viscoelastic properties of cyclic polystyrenes using creep and recovery measurements. Macromolecules, 1989, 22, 1834-1852.	2.2	158
27	Well-Defined, Model Long Chain Branched Polyethylene. 1. Synthesis and Characterization. Macromolecules, 2000, 33, 2424-2436.	2.2	153
28	Analysis and dilute solution properties of 12- and 18-arm-star polystyrenes. Macromolecules, 1983, 16, 214-220.	2.2	144
29	Poly(ethylene oxide-b-isoprene) Diblock Copolymer Phase Diagram. Macromolecules, 2001, 34, 2947-2957.	2.2	144
30	Synthesis, Characterization, and Morphology of Model Graft Copolymers with Trifunctional Branch Points. Macromolecules, 1996, 29, 7022-7028.	2.2	142
31	Direct Evidence for Confinement of Junctions to Lines in an 3 Miktoarm Star Terpolymer Microdomain Structure. Macromolecules, 1998, 31, 8429-8432.	2.2	141
32	Viscosity of Ring Polymer Melts. ACS Macro Letters, 2013, 2, 874-878.	2.3	134
33	Regular Comb Polystyrenes and Graft Polyisoprene/Polystyrene Copolymers with Double Branches (â€œCentipedesâ€). Quality of (1,3-Phenylene)bis(3-methyl-1-phenylpentylidene)dilithium Initiator in the Presence of Polar Additives. Macromolecules, 1998, 31, 6697-6701.	2.2	132
34	Mechanical Properties and Deformation Behavior of the Double Gyroid Phase in Unoriented Thermoplastic Elastomers. Macromolecules, 1999, 32, 8145-8152.	2.2	130
35	Star-Branched Polymers. 1. The Synthesis of Star Polyisoprenes Using Octa- and Dodecachlorosilanes as Linking Agents. Macromolecules, 1978, 11, 668-672.	2.2	128
36	Synthesis and solution properties of linear, four-branched, and six-branched star polyisoprenes. Journal of Polymer Science, Polymer Physics Edition, 1974, 12, 2521-2533.	1.0	127

#	Article	IF	Citations
37	Morphology of miktoarm star block copolymers of styrene and isoprene. Journal of Chemical Physics, 1996, 105, 2456-2462.	1.2	109
38	Graft Copolymers with Regularly Spaced, Tetrafunctional Branch Points:Â Morphology and Grain Structure. Macromolecules, 2000, 33, 2039-2048.	2.2	109
39	Star-Branched Polymers. 4. Synthesis of 18-Arm Polyisoprenes. Macromolecules, 1980, 13, 191-193.	2.2	101
40	Rheological Properties of Linear and Branched Polyisoprene. Macromolecules, 1976, 9, 127-141.	2.2	100
41	Anionic Polymerization of Styrenic Macromonomers. Macromolecules, 2003, 36, 3783-3785.	2.2	100
42	Aggregation Phenomena of Model PS/PI Super-H-Shaped Block Copolymers. Influence of the Architecture. Macromolecules, 1996, 29, 581-591.	2.2	95
43	Microphase Separation in Star Block Copolymers of Styrene and Isoprene. Theory, Experiment, and Simulation. Macromolecules, 1996, 29, 4142-4154.	2.2	94
44	Well-Defined Comb, Starâ^'Comb, and Comb-on-Comb Polybutadienes by Anionic Polymerization and the Macromonomer Strategy. Macromolecules, 2005, 38, 4996-5001.	2.2	91
45	Synthesis and Properties of Regular Star Polybutadienes with 32 Arms. Rubber Chemistry and Technology, 1992, 65, 303-314.	0.6	89
46	Microphase Separation in Normal and Inverse Tapered Block Copolymers of Polystyrene and Polyisoprene. 1. Phase State. Macromolecules, 2001, 34, 650-657.	2.2	88
47	Controlled nitroxide-mediated and reversible addition-fragmentation chain transfer polymerization ofN-vinylpyrrolidone: Synthesis of block copolymers with styrene and 2-vinylpyridine. Journal of Polymer Science Part A, 2006, 44, 659-665.	2.5	88
48	Influence of Polymer Architecture on the Formation of Micelles of Miktoarm Star Copolymers Polyethylene/Poly(ethylenepropylene) in the Selective Solvent Decane. Macromolecules, 1997, 30, 7171-7182.	2.2	86
49	Synthesis of well-defined second-generation dendritic polymers of isoprene (I) and styrene (S): (S2I)3, (SI?I)3, (I?I?I)3, and (I?2I)4. Journal of Polymer Science Part A, 2002, 40, 1519-1526.	2.5	86
50	Micellization Behavior of (PS)8(PI)8Miktoarm (Vergina) Star Copolymers. Macromolecules, 1998, 31, 4177-4181.	2.2	85
51	Entangled Dendritic Polymers and Beyond:â€‰ Rheology of Symmetric Cayley-Tree Polymers and Macromolecular Self-Assemblies. Macromolecules, 2007, 40, 5941-5952.	2.2	84
52	Synthesis of Model 3-Miktoarm Star Terpolymers of Styrene, Isoprene, and Methyl Methacrylate. Macromolecules, 1997, 30, 1518-1520.	2.2	83
53	Tetrafunctional Multigraft Copolymers as Novel Thermoplastic Elastomers. Macromolecules, 2001, 34, 6333-6337.	2.2	83
54	Tricontinuous Double Gyroid Cubic Phase in Triblock Copolymers of the ABA Type. Macromolecules, 1997, 30, 5634-5642.	2.2	81

#	Article	IF	Citations
55	A â€œCatalyst Switchâ€•Strategy for the Sequential Metal-Free Polymerization of Epoxides and Cyclic Esters/Carbonate. Macromolecules, 2014, 47, 3814-3822.	2.2	81
56	Architecturally-Induced Tricontinuous Cubic Morphology in Compositionally Symmetric Miktoarm Starblock Copolymers. Macromolecules, 1996, 29, 3390-3396.	2.2	80
57	Synthesis and Characterization of Model Cyclic Block Copolymers of Styrene and Butadiene. Comparison of the Aggregation Phenomena in Selective Solvents with Linear Diblock and Triblock Analogues. Macromolecules, 2002, 35, 5426-5437.	2.2	80
58	Synthesis of Well-Defined 4-Miktoarm Star Quarterpolymers (4Î¼-SIDV) with Four Incompatible Arms:â€‰ Polystyrene (S), Polyisoprene-1,4 (I), Poly(dimethylsiloxane) (D), and Poly(2-vinylpyridine) (V). Macromolecules, 2006, 39, 535-540.	2.2	80
59	Microphase Separation in Model 3-MiktoarmStar Copolymers (Simple Graft and Terpolymers). 1. Statics and Kinetics. Macromolecules, 1994, 27, 7735-7746.	2.2	79
60	Synthesis of Well-Defined Second (G-2) and Third (G-3) Generation Dendritic Polybutadienes. Macromolecules, 2006, 39, 4361-4365.	2.2	79
61	Synthesis of model super H-shaped block copolymers. Macromolecules, 1994, 27, 6232-6233.	2.2	76
62	Aggregation Behavior of Poly(butadiene-b-ethylene oxide) Block Copolymers in Dilute Aqueous Solutions:Â Effect of Concentration, Temperature, Ionic Strength, and Type of Surfactant. Langmuir, 2003, 19, 48-54.	1.6	76
63	Ordering kinetics in a symmetric diblock copolymer. Acta Polymerica, 1994, 45, 176-181.	1.4	75
64	Microphase separation in block copolymers. Current Opinion in Colloid and Interface Science, 1997, 2, 171-176.	3.4	74
65	Cyclic and Multiblock Polystyrene-block-polyisoprene Copolymers by Combining Anionic Polymerization and Azide/Alkyne â€œClickâ€•Chemistry. Macromolecules, 2011, 44, 1969-1976.	2.2	74
66	Micellization of Model Graft Copolymers of the H and Ï€ Type in Dilute Solution. Macromolecules, 1996, 29, 7378-7385.	2.2	73
67	Synthesis of Model Multigraft Copolymers of Butadiene with Randomly Placed Single and Double Polystyrene Branches. Macromolecules, 1998, 31, 5690-5694.	2.2	73
68	Secondary and Segmental Relaxation in Polybutadienes of Varying Microstructure:Â Dielectric Relaxation Results. Macromolecules, 1996, 29, 129-134.	2.2	72
69	Star-branched polystyrenes by nitroxide living free-radical polymerization. Journal of Polymer Science Part A, 2001, 39, 320-325.	2.5	72
70	Uniaxial extensional rheology of well-characterized comb polymers. Journal of Rheology, 2013, 57, 605-625.	1.3	72
71	Sequential polymerization of ethylene oxide, Îµ-caprolactone and <scp>l</scp>-lactide: a one-pot metal-free route to tri- and pentablock terpolymers. Polymer Chemistry, 2014, 5, 3750-3753.	1.9	72
72	Viscoelasticity and self-diffusion in melts of entangled asymmetric star polymers. Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 1943-1954.	2.4	71

#	Article	IF	Citations
73	Microphase Separation of Cyclic Block Copolymers of Styrene and Butadiene and of Their Corresponding Linear Triblock Copolymers. Macromolecules, 2003, 36, 148-152.	2.2	71
74	Phosphazene-Promoted Metal-Free Ring-Opening Polymerization of Ethylene Oxide Initiated by Carboxylic Acid. Macromolecules, 2014, 47, 1693-1698.	2.2	71
75	Hierarchical Ionic Self-Assembly of Rodâ^'Comb Block Copolypeptideâ^'Surfactant Complexes. Biomacromolecules, 2006, 7, 3379-3384.	2.6	69
76	Micellization Behavior of Complex Comblike Block Copolymer Architectures. Macromolecules, 2007, 40, 5835-5849.	2.2	69
77	The characteristic ratios of stereoirregular polybutadiene and polyisoprene. Journal of Polymer Science, Polymer Physics Edition, 1982, 20, 743-750.	1.0	68
78	Synthesis and Morphological Behavior of Model Linear and Miktoarm Star Copolymers of 2-Methyl-1,3-Pentadiene and Styrene. Chemistry of Materials, 2003, 15, 1976-1983.	3.2	66
79	I5S Miktoarm Star Block Copolymers:Â Packing Constraints on Morphology and Discontinuous Chevron Tilt Grain Boundaries. Macromolecules, 2001, 34, 9069-9073.	2.2	65
80	Surface modification of multiwalled carbon nanotubes with biocompatible polymers via ring opening and living anionic surface initiated polymerization. Kinetics and crystallization behavior. Journal of Polymer Science Part A, 2009, 47, 4379-4390.	2.5	65
81	Phosphazene-catalyzed ring-opening polymerization of Îµ-caprolactone: influence of solvents and initiators. Polymer Chemistry, 2014, 5, 5471-5478.	1.9	65
82	Fast and selective organocatalytic ring-opening polymerization by fluorinated alcohol without a cocatalyst. Nature Communications, 2019, 10, 3590.	5.8	65
83	Carboxylate Salts as Ideal Initiators for the Metal-Free Copolymerization of CO₂ with Epoxides: Synthesis of Well-Defined Polycarbonates Diols and Polyols. Macromolecules, 2019, 52, 2431-2438.	2.2	65
84	Morphology of Model Graft Copolymers with Randomly Placed Trifunctional and Tetrafunctional Branch Points. Macromolecules, 1998, 31, 7659-7667.	2.2	64
85	Complex Macromolecular Architectures by Combining TEMPO Living Free Radical and Anionic Polymerization. Macromolecules, 2000, 33, 9504-9511.	2.2	64
86	Asymmetric Single Graft Block Copolymers:Â Effect of Molecular Architecture on Morphology. Macromolecules, 1997, 30, 3732-3738.	2.2	63
87	Morphological Behavior of A5B Miktoarm Star Block Copolymers. Macromolecules, 1999, 32, 6604-6607.	2.2	62
88	Synthesis of Model PS(PI)5 and (PI)5PS(PI)5 Nonlinear Block Copolymers of Styrene (S) and Isoprene (I). Macromolecules, 1999, 32, 534-536.	2.2	62
89	Synthesis of Model 16-Miktoarm (Vergina) Star Copolymers of the A8B8 Type. Macromolecules, 1996, 29, 6076-6078.	2.2	61
90	Four-Phase Triple Coaxial Cylindrical Microdomain Morphology in a Linear Tetrablock Quaterpolymer of Styrene, Isoprene, Dimethylsiloxane, and 2-Vinylpyridine. Macromolecules, 2002, 35, 4859-4861.	2.2	60

#	Article	IF	Citations
91	Star-branched polymers. 5. The .theta. temperature depression for 8- and 12-arm polyisoprenes in dioxane. Journal of the American Chemical Society, 1980, 102, 2410-2413.	6.6	59
92	Effect of the Soluble Block Size on Spherical Diblock Copolymer Micelles. Macromolecules, 2008, 41, 6555-6563.	2.2	58
93	Organocatalysis by hydrogen-bonding: a new approach to controlled/living polymerization of Î±-amino acid N-carboxyanhydrides. Polymer Chemistry, 2015, 6, 6193-6201.	1.9	58
94	Direct access to poly(glycidyl azide) and its copolymers through anionic (co-)polymerization of glycidyl azide. Nature Communications, 2019, 10, 293.	5.8	58
95	Synthesis of an exact graft copolymer of isoprene and styrene with two branches. Journal of Polymer Science Part A, 2000, 38, 931-935.	2.5	57
96	Hierarchical Smectic Self-Assembly of an ABC Miktoarm Star Terpolymer with a Helical Polypeptide Arm. Macromolecules, 2010, 43, 9071-9076.	2.2	57
97	Hydrodynamic properties of model 3-miktoarm star copolymers. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 1925-1932.	2.4	56
98	Microphase separation in block copolymer/homopolymer blends: Theory and experiment. Journal of Chemical Physics, 1997, 106, 3318-3328.	1.2	56
99	Rheology and Structure of Entangled Telechelic Linear and Star Polyisoprene Melts. Macromolecules, 2010, 43, 4401-4411.	2.2	56
100	All-Polycarbonate Thermoplastic Elastomers Based on Triblock Copolymers Derived from Triethylborane-Mediated Sequential Copolymerization of CO₂ with Various Epoxides. Macromolecules, 2020, 53, 5297-5307.	2.2	55
101	Complex Macromolecular Chimeras. Biomacromolecules, 2008, 9, 2072-2080.	2.6	54
102	Linear and Nonlinear Rheology of Dendritic Star Polymers: Experiment. Macromolecules, 2008, 41, 9165-9178.	2.2	53
103	Synthesis and Characterization of Polyisoprene/Polybutadiene A2B2Star Copolymers. Macromolecules, 1996, 29, 1794-1797.	2.2	52
104	Characterization of Low-Molecular-Weight Polymers: Failure of Universal Calibration in Size Exclusion Chromatography. International Journal of Polymer Analysis and Characterization, 1995, 1, 3-34.	0.9	51
105	Micellization of Model Graft Copolymers in Dilute Solution. Macromolecules, 1997, 30, 5384-5389.	2.2	51
106	Synthesis of model nonlinear block copolymers of A(BA)2, A(BA)3, and (AB)3A(BA)3 type. Journal of Polymer Science Part A, 1997, 35, 813-816.	2.5	51
107	Linking reactions of living polymers with bromomethylbenzene derivatives: Synthesis and characterization of star homopolymers and graft copolymers with polyelectrolyte branches. Journal of Polymer Science Part A, 1999, 37, 4337-4350.	2.5	51
108	Linear and Star Block Copolymers of Styrenic Macromonomers by Anionic Polymerization. Macromolecules, 2005, 38, 5468-5474.	2.2	51

#	Article	IF	Citations
109	Morphology and Deformation Mechanisms and Tensile Properties of Tetrafunctional Multigraft Copolymers. Macromolecules, 2009, 42, 4155-4164.	2.2	51
110	Fast and Living Ring-Opening Polymerization of Î±-Amino Acid N-Carboxyanhydrides Triggered by an â€œAllianceâ€•of Primary and Secondary Amines at Room Temperature. Biomacromolecules, 2015, 16, 1352-1357.	2.6	51
111	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. Macromolecules, 2017, 50, 4217-4226.	2.2	50
112	Distinguishing Linear from Star-Branched Polystyrene Solutions with Fourier-Transform Rheology. Macromolecular Rapid Communications, 2004, 25, 1921-1926.	2.0	49
113	Magnetic Field Induced Orientation in Diblock Copolymers with One Crystallizable Block. Macromolecules, 2005, 38, 7430-7433.	2.2	49
114	Dielsâ€“Alder Polymer Networks with Temperatureâ€Reversible Crossâ€Linkingâ€Induced Emission. Angewandte Chemie - International Edition, 2021, 60, 331-337.	7.2	49
115	Composition Fluctuation Effects on Dielectric Normal-Mode Relaxation in Diblock Copolymers. 1. Weak Segregation Regime. Macromolecules, 1994, 27, 3543-3552.	2.2	48
116	Block Copolymers of Styrene and Stearyl Methacrylate. Synthesis and Micellization Properties in Selective Solvents. Macromolecules, 2000, 33, 5460-5469.	2.2	48
117	Interfacial Tension in Binary Polymer Blends in the Presence of Block Copolymers. 2. Effects of Additive Architecture and Composition. Macromolecules, 2004, 37, 524-537.	2.2	48
118	Architectural Dispersity in Model Branched Polymers: Analysis and Rheological Consequences. Macromolecules, 2011, 44, 8631-8643.	2.2	48
119	Polymers with Star-Related Structures. , 2012, , 29-111.		48
120	Polyurethanes from Direct Organocatalytic Copolymerization of pâ€Tosyl Isocyanate with Epoxides. Angewandte Chemie - International Edition, 2021, 60, 1593-1598.	7.2	48
121	Triethylborane-Assisted Synthesis of Random and Block Poly(ester-carbonate)s through One-Pot Terpolymerization of Epoxides, CO₂, and Cyclic Anhydrides. Macromolecules, 2021, 54, 2711-2719.	2.2	48
122	Multifunctional ATRP initiators: Synthesis of four-arm star homopolymers of methyl methacrylate and graft copolymers of polystyrene and poly(t-butyl methacrylate). Journal of Polymer Science Part A, 2001, 39, 650-655.	2.5	47
123	Well-defined linear multiblock and branched polypeptides by linking chemistry. Journal of Polymer Science Part A, 2005, 43, 4670-4673.	2.5	47
124	Ring-opening polymerization of Ï‰-pentadecalactone catalyzed by phosphazene superbases. Polymer Chemistry, 2017, 8, 511-515.	1.9	47
125	Side-Chain-Controlled Self-Assembly of Polystyreneâ€“Polypeptide Miktoarm Star Copolymers. Macromolecules, 2012, 45, 2850-2856.	2.2	46
126	Model Mono-, Di-, and Tri-Ï‰-Functionalized Three-Arm Star Polybutadienes. Association Behavior in Dilute Solution by Dynamic Light Scattering and Viscometry. Macromolecules, 1996, 29, 179-184.	2.2	45

#	Article	IF	Citations
127	Synthesis and Microphase Separation of Linear Triblock Terpolymers of Polystyrene, High 1,4-Polybutadiene, and High 3,4-Polyisoprene. Macromolecules, 2002, 35, 4030-4035.	2.2	45
128	Polymerization of 5-alkyl Î´-lactones catalyzed by diphenyl phosphate and their sequential organocatalytic polymerization with monosubstituted epoxides. Polymer Chemistry, 2015, 6, 2659-2668.	1.9	45
129	Composition Fluctuation Effects on Dielectric Normal-Mode Relaxation in Diblock Copolymers. 2. Disordered State in Proximity to the ODT and Ordered State. Macromolecules, 1996, 29, 1326-1336.	2.2	44
130	Synthesis of model linear tetrablock quaterpolymers and pentablock quintopolymers of ethylene oxide. Journal of Polymer Science Part A, 2002, 40, 2166-2170.	2.5	44
131	Melt-state polymer chain dimensions as a function of temperature. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 1768-1776.	2.4	44
132	Understanding Constraint Release in Star/Linear Polymer Blends. Macromolecules, 2014, 47, 2451-2463.	2.2	44
133	Revealing the Cytotoxicity of Residues of Phosphazene Catalysts Used for the Synthesis of Poly(ethylene oxide). Biomacromolecules, 2017, 18, 3233-3237.	2.6	44
134	Poly(sarcosine)-Based Nano-Objects with Multi-Protease Resistance by Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). Biomacromolecules, 2018, 19, 4453-4462.	2.6	44
135	Dynamics of polyisoprene in star block copolymers confined in microstructures: A dielectric spectroscopy study. Journal of Chemical Physics, 1997, 107, 5502-5509.	1.2	43
136	Controlling the self-assembly and dynamic response of star polymers by selective telechelic functionalization. Journal of Chemical Physics, 1999, 111, 1760-1764.	1.2	43
137	Mechanical properties of the double gyroid phase in oriented thermoplastic elastomers. Journal of Materials Science, 2000, 35, 5207-5213.	1.7	43
138	Novel block-comb/graft copolymers with the macromonomer strategy and anionic polymerization. Journal of Polymer Science Part A, 2005, 43, 4040-4049.	2.5	43
139	Influence of Macromolecular Architecture on the Crystallization of (PCL₂)-b-(PS₂) 4-Miktoarm Star Block Copolymers in Comparison to Linear PCL-b-PS Diblock Copolymer Analogues. Macromolecules, 2009, 42, 8353-8364.	2.2	43
140	Comparison of the rheological properties of linear and star-branched polyisoprenes in shear and elongational flows. Journal of Polymer Science, Polymer Physics Edition, 1983, 21, 2287-2298.	1.0	42
141	Linking Chemistry and Anionic Polymerization. Current Organic Chemistry, 2002, 6, 155-176.	0.9	42
142	Molecular rheology of branched polymers: decoding and exploring the role of architectural dispersity through a synergy of anionic synthesis, interaction chromatography, rheometry and modeling. Soft Matter, 2014, 10, 4762.	1.2	42
143	Monomodal Ultrahigh-Molar-Mass Polycarbonate Homopolymers and Diblock Copolymers by Anionic Copolymerization of Epoxides with CO₂. ACS Macro Letters, 2019, 8, 1594-1598.	2.3	42
144	Linear Dynamics of End-Functionalized Polymer Melts:Â Linear Chains, Stars, and Blends. Macromolecules, 2000, 33, 9740-9746.	2.2	41

#	Article	IF	Citations
145	Morphologies and Mechanical Properties of a Series of Block-Double-Graft Copolymers and Terpolymers. Macromolecules, 2002, 35, 5903-5909.	2.2	41
146	Micelles Formed by Cylindrical Brush-Coil Block Copolymers. Macromolecular Rapid Communications, 2005, 26, 1693-1697.	2.0	41
147	Conjugated Polymers as a New Class of Dual-Mode Matrices for MALDI Mass Spectrometry and Imaging. Journal of the American Chemical Society, 2018, 140, 11416-11423.	6.6	41
148	Glass Transition Behavior of Polyisoprene: The Influence of Molecular Weight, Terminal Hydroxy Groups, Microstructure, and Chain Branching. Rubber Chemistry and Technology, 1982, 55, 245-252.	0.6	40
149	Controlled free-radical polymerization of 2-vinylpyridine in the presence of nitroxides. Journal of Polymer Science Part A, 2001, 39, 2889-2895.	2.5	40
150	Linear rheology of comb polymers with star-like backbones: melts and solutions. Rheologica Acta, 2006, 46, 273-286.	1.1	40
151	Polymer grafted Janus multi-walled carbon nanotubes. Soft Matter, 2009, 5, 4272.	1.2	40
152	Temperature and pH-Dual Responsive AIE-Active Core Crosslinked Polyethyleneâ€“Poly(methacrylic acid) Multimiktoarm Star Copolymers. ACS Macro Letters, 2018, 7, 886-891.	2.3	40
153	Poly(vinylidene fluoride)-based complex macromolecular architectures: From synthesis to properties and applications. Progress in Polymer Science, 2020, 104, 101231.	11.8	40
154	Controlling Micellar Properties of Styrene/Isoprene Copolymers by Altering the Monomer Arrangement along the Chain. Macromolecules, 2002, 35, 834-840.	2.2	39
155	Control of Peptide Secondary Structure and Dynamics in Poly(Î³-benzyl-l-glutamate)-b-polyalanine Peptides. Macromolecules, 2008, 41, 8072-8080.	2.2	39
156	Viscoelastic and Dielectric Relaxation of a Cayley-Tree-Type Polyisoprene: Test of Molecular Picture of Dynamic Tube Dilation. Macromolecules, 2008, 41, 6110-6124.	2.2	39
157	Complex Macromolecular Architectures Based on n-Hexyl Isocyanate and Ïµ-Caprolactone Using Titanium-Mediated Coordination Polymerization. Macromolecules, 2008, 41, 2426-2438.	2.2	39
158	Diblock dialternating terpolymers by one-step/one-pot highly selective organocatalytic multimonomer polymerization. Nature Communications, 2021, 12, 7124.	5.8	39
159	H-shaped double graft copolymers: Effect of molecular architecture on morphology. Journal of Chemical Physics, 1997, 107, 6460-6469.	1.2	38
160	Synthesis of well-defined miktoarm star polymers of poly(dimethylsiloxane) by the combination of chlorosilane and benzyl chloride linking chemistry. Journal of Polymer Science Part A, 2006, 44, 6587-6599.	2.5	38
161	Poly(urethaneâ€“carbonate)s from Carbon Dioxide. Macromolecules, 2017, 50, 2320-2328.	2.2	38
162	Tetraphenylethene-Functionalized Polyethylene-Based Polymers with Aggregation-Induced Emission. Macromolecules, 2019, 52, 1955-1964.	2.2	38

#	Article	IF	Citations
163	Synthesis and Structureâ€“ Property Relationships for Regular Multigraft Copolymers. Macromolecular Symposia, 2004, 215, 111-126.	0.4	37
164	Well-Defined Polyethylene-Based Random, Block, and Bilayered Molecular Cobrushes. Macromolecules, 2015, 48, 3556-3562.	2.2	37
165	Thermodynamic Effects on Internal Relaxation in Diblock Copolymers. Physical Review Letters, 1996, 77, 506-509.	2.9	36
166	Synthesis and morphological characterization of miktoarm star copolymers (PCL)₂(PS)₂ of poly(Îµâ€•caprolactone) and polystyrene. Journal of Polymer Science Part A, 2007, 45, 5387-5397.	2.5	36
167	Wellâ€Defined Poly(Ester Amide)â€Based Homoâ€•and Block Copolymers by Oneâ€Pot Organocatalytic Anionic Ringâ€Opening Copolymerization of Nâ€Sulfonyl Aziridines and Cyclic Anhydrides. Angewandte Chemie - International Edition, 2021, 60, 6949-6954.	7.2	36
168	Synthesis of a model cyclic triblock terpolymer of styrene, isoprene, and methyl methacrylate. Journal of Polymer Science Part A, 2002, 40, 1476-1483.	2.5	35
169	How the Complex Interplay between Different Blocks Determines the Isothermal Crystallization Kinetics of Triple-Crystalline PEO-b-PCL-b-PLLA Triblock Terpolymers. Macromolecules, 2017, 50, 9683-9695.	2.2	35
170	Characteristic Ratios of Polymethacrylates. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 1988, 28, 371-401.	2.2	34
171	Microphase Ordering in Melts of Randomly Grafted Copolymers. Physical Review Letters, 1999, 82, 2896-2899.	2.9	34
172	Ring-opening polymerization of lactones using zirconocene catalytic systems: Block copolymerization with methyl methacrylate. Journal of Polymer Science Part A, 2007, 45, 3524-3537.	2.5	34
173	Well-defined polyethylene molecular brushes by polyhomologation and ring opening metathesis polymerization. Polymer Chemistry, 2014, 5, 6431-6434.	1.9	34
174	Conformation of poly(isoprene-gstyrene) in dilute solution. Journal of Polymer Science, Polymer Physics Edition, 1978, 16, 851-858.	1.0	33
175	Heterofunctional Linking Agents for the Synthesis of Well-Defined Block Copolymers of Dimethylsiloxane and tert-Butyl Methacrylate or 2-Vinylpyridine. Macromolecules, 2001, 34, 5376-5378.	2.2	33
176	Characterization of a 4-miktoarm star copolymer of the (PS-b-PI)3 PS type by temperature gradient interaction chromatography. European Polymer Journal, 2003, 39, 2155-2160.	2.6	33
177	Anionic homo- and copolymerization of double-tailed macromonomers: A route to novel macromolecular architectures. Journal of Polymer Science Part A, 2005, 43, 4070-4078.	2.5	33
178	Fast and Complete Neutralization of Thiocarbonylthio Compounds Using Trialkylborane and Oxygen: Application to Their Removal from RAFT-Synthesized Polymers. ACS Macro Letters, 2019, 8, 664-669.	2.3	33
179	Structural Relaxation of Dense Suspensions of Soft Giant Micelles. Physical Review Letters, 1999, 83, 4666-4669.	2.9	32
180	Chromatographic Investigations of Macromolecules in the Critical Range of Liquid Chromatography, 14. Analysis of Miktoarm Star (Î¼-Star) Polymers. Macromolecular Chemistry and Physics, 2001, 202, 1424-1429.	1.1	32

#	Article	IF	Citations
181	Synthesis of model polycyclohexylene/polyethylene miktoarm star copolymers with three and four arms. Journal of Polymer Science Part A, 2002, 40, 2575-2582.	2.5	32
182	Mechanical Properties and Hysteresis Behaviour of Multigraft Copolymers. Macromolecular Symposia, 2006, 233, 42-50.	0.4	32
183	Homopolymer and block copolymer brushes on gold by living anionic surface-initiated polymerization in a polar solvent. Journal of Polymer Science Part A, 2006, 44, 769-782.	2.5	32
184	Trilayered Morphology of an ABC Triple Crystalline Triblock Terpolymer. Macromolecules, 2017, 50, 7268-7281.	2.2	32
185	Synthesis and characterization of linear tetrablock quarterpolymers of styrene, isoprene, dimethylsiloxane, and 2-vinylpyridine. Journal of Polymer Science Part A, 2004, 42, 514-519.	2.5	31
186	Anionic polymerization and polyhomologation: an ideal combination to synthesize polyethylene-based block copolymers. Chemical Communications, 2013, 49, 8952.	2.2	31
187	Oneâ€pot synthesis of linearâ€•and threeâ€arm starâ€tetrablock quarterpolymers via sequential metalâ€free ringâ€•opening polymerization using a â€œcatalyst switchâ€•strategy. Journal of Polymer Science Part A, 2015, 53, 304-312.	2.5	31
188	Cs₂CO₃-promoted polycondensation of CO₂ with diols and dihalides for the synthesis of miscellaneous polycarbonates. Polymer Chemistry, 2016, 7, 4944-4952.	1.9	31
189	Well-Defined Cyclic Triblock Terpolymers: A Missing Piece of the Morphology Puzzle. ACS Macro Letters, 2016, 5, 1242-1246.	2.3	31
190	Degradable poly(ethylene oxide) through metal-free copolymerization of ethylene oxide with <scp>l</scp>-lactide. Polymer Chemistry, 2019, 10, 3764-3771.	1.9	31
191	Synthesis and characterization of poly(methyl methacrylate) star polymers. Polymer International, 1994, 33, 171-179.	1.6	30
192	Synthesis and morphology of model 3-miktoarm star terpolymers of styrene, isoprene and 2-vinyl pyridine. Macromolecular Symposia, 2000, 157, 239-250.	0.4	30
193	Anionic copolymerization of styrenic-tipped macromonomers: A route to novel triblock-comb copolymers of styrene and isoprene. Journal of Polymer Science Part A, 2005, 43, 4030-4039.	2.5	30
194	Effect of Chain Topology on the Self-Organization and Dynamics of Block Copolypeptides: From Diblock Copolymers to Stars. Biomacromolecules, 2008, 9, 1959-1966.	2.6	30
195	Block Copolymers of Macrolactones/Small Lactones by a â€œCatalyst-Switchâ€•Organocatalytic Strategy. Thermal Properties and Phase Behavior. Macromolecules, 2018, 51, 2428-2436.	2.2	30
196	Recycling a Borate Complex for Synthesis of Polycarbonate Polyols: Towards an Environmentally Friendly and Costâ€Effective Process. ChemSusChem, 2020, 13, 5080-5087.	3.6	30
197	The Influence of the Nature of the Catalytic System on Zirconocene-Catalyzed Polymerization of Alkyl Methacrylates. Macromolecular Chemistry and Physics, 2003, 204, 831-840.	1.1	29
198	Triblock copolymers and pentablock terpolymers ofn-hexyl isocyanate with styrene and isoprene: Synthesis, characterization, and thermal properties. Journal of Polymer Science Part A, 2003, 41, 3094-3102.	2.5	29

#	Article	IF	Citations
199	Anionic polymerization of styrenic macromonomers of polyisoprene, polybutadiene, and polystyrene. Journal of Polymer Science Part A, 2005, 43, 1038-1048.	2.5	29
200	Synthesis and characterization of model 3-miktoarm star copolymers of poly(dimethylsiloxane) and poly(2-vinylpyridine). Journal of Polymer Science Part A, 2006, 44, 614-619.	2.5	29
201	Properties and chain flexibility of poly(dl-isobornyl methacrylate). Journal of Polymer Science, Polymer Physics Edition, 1984, 22, 1745-1751.	1.0	28
202	Model Linear Block Co-, Ter-, and Quaterpolymers of 1,3-Cyclohexadiene with Styrene, Isoprene, and Butadiene. Macromolecules, 2002, 35, 7928-7935.	2.2	28
203	Synthesis of well-defined functional macromolecular chimeras based on poly(ethylene oxide) or poly(N-vinyl pyrrolidone). Reactive and Functional Polymers, 2009, 69, 435-440.	2.0	28
204	Lithium-Assisted Copolymerization of CO₂/Cyclohexene Oxide: A Novel and Straightforward Route to Polycarbonates and Related Block Copolymers. Macromolecules, 2016, 49, 2484-2492.	2.2	28
205	C1 polymerization: a unique tool towards polyethylene-based complex macromolecular architectures. Polymer Chemistry, 2017, 8, 4062-4073.	1.9	28
206	Clusters of Optimum Size Formed by Hydrophobically Associating Polyelectrolyte in Homogeneous Solutions and in Supernatant Phase in Equilibrium with Macroscopic Physical Gel. Macromolecular Chemistry and Physics, 2005, 206, 173-179.	1.1	27
207	Controlled vinylâ€type polymerization of norbornene with a Nickel(II) diphosphinoamine/methylaluminoxane catalytic system. Journal of Polymer Science Part A, 2009, 47, 5241-5250.	2.5	27
208	On the Polymerization of Alkyl Methacrylates with the Achiral Dimethylzirconocene Precursor Cp2ZrMe2. Macromolecules, 2001, 34, 4697-4705.	2.2	26
209	Synthesis of poly(n-hexyl isocyanate-b-N-vinylpyrrolidone) block copolymers by the combination of anionic and nitroxide-mediated radical polymerizations: Micellization properties in aqueous solutions. Journal of Polymer Science Part A, 2006, 44, 5719-5728.	2.5	26
210	Miktoarm star copolymers of poly(Ïµâ€caprolactone) from a novel heterofunctional initiator. Journal of Polymer Science Part A, 2007, 45, 5164-5181.	2.5	26
211	Synthesis of exact comb polybutadienes with two and three branches. Journal of Polymer Science Part A, 2009, 47, 2597-2607.	2.5	26
212	Ring Opening Metathesis Polymerization of Norbornene and Derivatives by the Triply Bonded Ditungsten Complex Na[W2(Âµ-Cl)3Cl4(THF)2]Â·(THF)3. Polymers, 2012, 4, 1657-1673.	2.0	26
213	Synthesis of Well-Defined Polyethylene-Based 3-Miktoarm Star Copolymers and Terpolymers. Macromolecules, 2016, 49, 2630-2638.	2.2	26
214	Carboxylic Acid Initiated Organocatalytic Ring-Opening Polymerization of N-Sulfonyl Aziridines: An Easy Access to Well-Controlled Polyaziridine-Based Architectural and Functionalized Polymers. Macromolecules, 2019, 52, 8793-8802.	2.2	26
215	Ionic H-bonding organocatalysts for the ring-opening polymerization of cyclic esters and cyclic carbonates. Progress in Polymer Science, 2022, 125, 101484.	11.8	26
216	Linear viscoelastic properties of mixtures of 3- and 4-arm polybutadiene stars. Polymer, 1985, 26, 1087-1090.	1.8	25

#	Article	IF	Citations
217	Static light scattering study of high-molecular weight 18-arm star block copolymers. Macromolecules, 1986, 19, 768-773.	2.2	25
218	Synthesis and Micellization Behavior of Janus H-Shaped A₂BC₂ Terpolymers. Macromolecules, 2008, 41, 2607-2615.	2.2	25
219	Lower Critical Ordering Transition of Poly(ethylene oxide)-block-poly(2-vinylpyridine). Macromolecules, 2011, 44, 440-443.	2.2	25
220	Sequence-controlled copolymers of 2,3,4,5-pentafluorostyrene: mechanistic insight and application to organocatalysis. Polymer Chemistry, 2014, 5, 698-701.	1.9	25
221	Hydrophobic, Hydrophilic, and Amphiphilic Polyglycocarbonates with Linear and Macrocyclic Architectures from Bicyclic Glycocarbonates Derived from CO₂ and Glucoside. Macromolecules, 2017, 50, 1362-1370.	2.2	25
222	The flexibility of poly(2,4,5-trichlorophenyl methacrylate). Die Makromolekulare Chemie, 1977, 178, 1463-1475.	1.1	24
223	Hydrodynamic properties of A8B8 type miktoarm (Vergina) stars. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 1329-1335.	2.4	24
224	Benzyl potassium: An efficient one-pot initiator for the synthesis of block co- and terpolymers of ethylenoxide. Journal of Polymer Science Part A, 2001, 39, 1198-1202.	2.5	24
225	Wellâ€defined complex macromolecular architectures by anionic polymerization of styrenic single and double homo/miktoarm starâ€tailed macromonomers. Journal of Polymer Science Part A, 2008, 46, 1826-1842.	2.5	24
226	Copolymerization of tetradeceneâ€1 and octeneâ€1 with silylâ€protected 10â€undecenâ€1â€ol using a C_sâ€symmetry hafnium metallocene catalyst. A route to functionalized poly(Î±â€olefins). Journal of Polymer Science Part A, 2009, 47, 876-886.	2.5	24
227	Polyhomologation based on in situ generated boron-thexyl-silaboracyclic initiating sites: a novel strategy towards the synthesis of polyethylene-based complex architectures. Chemical Communications, 2015, 51, 9936-9938.	2.2	24
228	Design of block copolymer membranes using segregation strength trend lines. Molecular Systems Design and Engineering, 2016, 1, 278-289.	1.7	24
229	Living cationic polymerization and polyhomologation: an ideal combination to synthesize functionalized polyethyleneâ€“polyisobutylene block copolymers. Polymer Chemistry, 2016, 7, 1217-1220.	1.9	24
230	Well-Defined Bilayered Molecular Cobrushes with Internal Polyethylene Blocks and Ï‰-Hydroxyl-Functionalized Polyethylene Homobrushes. Macromolecules, 2016, 49, 1590-1596.	2.2	24
231	Macromolecular Brushes by Combination of Ring-Opening and Ring-Opening Metathesis Polymerization. Synthesis, Self-Assembly, Thermodynamics, and Dynamics. Macromolecules, 2018, 51, 8940-8955.	2.2	24
232	Morphologies of ABC Triblock Terpolymer Melts Containing Poly(Cyclohexadiene): Effects of Conformational Asymmetry. Langmuir, 2013, 29, 1995-2006.	1.6	23
233	Polymethyleneâ€Based Copolymers by Polyhomologation or by Its Combination with Controlled/Living and Living Polymerizations. Macromolecular Rapid Communications, 2014, 35, 378-390.	2.0	23
234	Well-defined polyethylene-based graft terpolymers by combining nitroxide-mediated radical polymerization, polyhomologation and azide/alkyne â€œclickâ€•chemistry. Polymer Chemistry, 2016, 7, 2986-2991.	1.9	23

#	Article	IF	Citations
235	2-Azaallyl Anion Initiated Ring-Opening Polymerization of N-Sulfonyl Aziridines: One-Pot Synthesis of Primary Amine-Ended Telechelic Polyaziridines. Macromolecules, 2019, 52, 3888-3896.	2.2	23
236	Model nonlinear block copolymers: Synthesis, Characterization, Morphology. Journal of Macromolecular Science - Pure and Applied Chemistry, 1996, 33, 1447-1457.	1.2	22
237	Metallocene-Catalyzed Copolymerization of MMA with Anionically Synthesized Methacryloyl Macromonomers. Macromolecules, 2000, 33, 8925-8930.	2.2	22
238	Synthesis and characterization of model diblock copolymers of poly(dimethylsiloxane) with poly(1,4-butadiene) or poly(ethylene). Journal of Polymer Science Part A, 2006, 44, 1579-1590.	2.5	22
239	Novel diblock copolymerâ€grafted multiwalled carbon nanotubes via a combination of living and controlled/living surface polymerizations. Journal of Polymer Science Part A, 2010, 48, 1104-1112.	2.5	22
240	Formation of longâ€range stripe patterns with subâ€10â€nm halfâ€pitch from directed selfâ€assembly of block copolymer. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 2297-2301.	2.4	22
241	Well-defined polymethylene-based block co/terpolymers by combining anthracene/maleimide dielsâ€“alder reaction with polyhomologation. Polymer Chemistry, 2015, 6, 4921-4926.	1.9	22
242	Dielsâ€“Alder Polymer Networks with Temperatureâ€Reversible Crossâ€Linkingâ€Induced Emission. Angewandte Chemie, 2021, 133, 335-341.	1.6	22
243	Temperature dependence of unperturbed dimensions for stereoirregular 1,4-polybutadiene and poly(Î±-methylstyrene). Journal of Polymer Science, Part B: Polymer Physics, 1986, 24, 2553-2564.	2.4	21
244	Polymerization ofn-hexyl isocyanate with CpTiCl2(OR) (R = functional group or macromolecular) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Journal of Polymer Science Part A, 2005, 43, 6503-6514.	2.5	21
245	Synthesis and Morphological Behavior of Model 6-Miktoarm Star Copolymers, PS(P2MP)5, of Styrene (S) and 2-Methyl-1,3-Pentadiene (P2MP). Chemistry of Materials, 2006, 18, 2164-2168.	3.2	21
246	Titaniumâ€mediated [CpTiCl₂(OEt)] ringâ€opening polymerization of lactides: A novel route to wellâ€defined polylactideâ€based complex macromolecular architectures. Journal of Polymer Science Part A, 2010, 48, 1092-1103.	2.5	21
247	Perforated Lamellae Morphology in Novel P2VP(PDMS-b-PI-b-PS)₂ 3-Miktoarm Star Quarterpolymer. Macromolecules, 2011, 44, 575-582.	2.2	21
248	Microscopic Relaxation Processes in Branched-Linear Polymer Blends by Rheo-SANS. Macromolecules, 2013, 46, 9122-9133.	2.2	21
249	Noncovalent Supramolecular Diblock Copolymers: Synthesis and Microphase Separation. Macromolecules, 2020, 53, 6682-6689.	2.2	21
250	All-Polycarbonate Graft Copolymers with Tunable Morphologies by Metal-Free Copolymerization of CO₂ with Epoxides. Macromolecules, 2021, 54, 6144-6152.	2.2	21
251	Micellization Behavior of Poly(butadiene-b-sodium methacrylate) Copolymers in Dilute Aqueous Media. Macromolecules, 2003, 36, 8732-8737.	2.2	20
252	Linear pentablock quintopolymers (l-SIDMV) with five incompatible blocks: Polystyrene, polyisoprene-1,4, poly(dimethylsiloxane), poly(tert-butyl methacrylate), and poly(2-vinylpyridine). Journal of Polymer Science Part A, 2008, 46, 3938-3946.	2.5	20

#	Article	IF	Citations
253	Understanding Effect of Constraint Release Environment on End-to-End Vector Relaxation of Linear Polymer Chains. Macromolecules, 2017, 50, 4501-4523.	2.2	20
254	An Efficient and General Strategy toward the Synthesis of Polyethylene-Based Cyclic Polymers. Macromolecules, 2018, 51, 3193-3202.	2.2	20
255	A Novel Poly(vinylidene fluoride)-Based 4-Miktoarm Star Terpolymer: Synthesis and Self-Assembly. Molecular Pharmaceutics, 2018, 15, 3005-3009.	2.3	20
256	Poly(vinylidene fluoride)/Polymethylene-Based Block Copolymers and Terpolymers. Macromolecules, 2019, 52, 1976-1984.	2.2	20
257	Block copolymers of styrene andn-alkyl methacrylates with long alkyl groups. Micellization behavior in selective solvents. Journal of Polymer Science Part A, 2004, 42, 4177-4188.	2.5	19
258	Crystallization behavior of PEO in blends of poly(ethylene oxide)/poly(2â€vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (pyridine)â	1.5	19
259	Artificial membranes with selective nanochannels for protein transport. Polymer Chemistry, 2016, 7, 6189-6201.	1.9	19
260	Sequential crystallization and morphology of triple crystalline biodegradable PEO-b-PCL-b-PLLA triblock terpolymers. RSC Advances, 2016, 6, 4739-4750.	1.7	19
261	Organocatalytic Synthesis of Polysulfonamides with Well-Defined Linear and Brush Architectures from a Designed/Synthesized Bis(N-sulfonyl aziridine). Macromolecules, 2021, 54, 8164-8172.	2.2	19
262	Dynamic Structure Factor of Diblock Copolymer Solutions in the Disordered State. 1. Far from the Ordering Transition. Macromolecules, 1999, 32, 8447-8453.	2.2	18
263	Synthesis and stability of linear and star polymers containing [C60] fullerene. Journal of Polymer Science Part A, 2001, 39, 2494-2507.	2.5	18
264	Interactions Between Polymer Brushes: Varying the Number of End-Attaching Groups. Macromolecular Chemistry and Physics, 2004, 205, 2443-2450.	1.1	18
265	One-pot synthesis of well-defined polyether/polyester block copolymers and terpolymers by a highly efficient catalyst switch approach. Polymer Chemistry, 2016, 7, 3225-3228.	1.9	18
266	Organocatalytic Ring-Opening Polymerization of N-Acylated-1,4-oxazepan-7-ones Toward Well-Defined Poly(ester amide)s: Biodegradable Alternatives to Poly(2-oxazoline)s. ACS Macro Letters, 2020, 9, 464-470.	2.3	18
267	Hydrophilic Stars, Amphiphilic Star Block Copolymers, and Miktoarm Stars with Degradable Polycarbonate Cores. Macromolecules, 2020, 53, 895-904.	2.2	18
268	Effect of Zwitterion Substitution on the Structure and Dynamics of Asymmetrically Substituted Polystyrene-block-polyisoprene Diblock and Triblock Copolymers. Macromolecular Chemistry and Physics, 2001, 202, 1488-1496.	1.1	17
269	Swelling behavior of ordered miktoarm star block copolymerâ€“homopolymer blends. Polymer, 2002, 43, 3257-3266.	1.8	17
270	High-Strain-Induced Deformation Mechanisms in Blockâ€“Graft and Multigraft Copolymers. Macromolecules, 2011, 44, 9374-9383.	2.2	17

#	Article	IF	Citations
271	Boron-Catalyzed C3-Polymerization of Ï‰-2-Methyl Allylarsonium Ylide and Its C3/C1 Copolymers with Dimethylsulfoxonium Methylide. ACS Macro Letters, 2016, 5, 387-390.	2.3	17
272	Thermo-Responsive Membranes from Blends of PVDF and PNIPAM-b-PVDF Block Copolymers with Linear and Star Architectures. Macromolecules, 2021, 54, 10235-10250.	2.2	17
273	AIE-Based Fluorescent Triblock Copolymer Micelles for Simultaneous Drug Delivery and Intracellular Imaging. Biomacromolecules, 2021, 22, 5243-5255.	2.6	17
274	Well-defined (co)polypeptides bearing pendant alkyne groups. Polymer Chemistry, 2016, 7, 3487-3491.	1.9	16
275	Synthesis of polyglycocarbonates through polycondensation of glucopyranosides with CO₂. Polymer Chemistry, 2017, 8, 2640-2646.	1.9	16
276	Anionic Polymerization of Styrene and 1,3-Butadiene in the Presence of Phosphazene Superbases. Polymers, 2017, 9, 538.	2.0	16
277	Solvent and catalyst-free modification of hyperbranched polyethyleneimines by ring-opening-addition or ring-opening-polymerization of N-sulfonyl aziridines. Polymer Chemistry, 2021, 12, 1787-1796.	1.9	16
278	Effect of molecular weight and chain branching on the refractive index increment of polystyrene and polyisoprene solutions. Journal of Polymer Science, Polymer Physics Edition, 1982, 20, 2163-2166.	1.0	15
279	Synthesis, solution properties, and glass transition temperatures of polymethacrylates with alicyclylmethyl side groups. Macromolecular Chemistry and Physics, 1994, 195, 173-180.	1.1	15
280	Macromolecular Architecture Effects on Block Copolymer Dynamics:Â Linear Tetrablocks and Inverse Starblocks. Macromolecules, 1999, 32, 5115-5126.	2.2	15
281	Synthesis of model block-double-graft copolymers and terpolymers of styrene (S), butadiene (Bd), and isoprene (I): Poly[S-b-(1,2Bd-g-X2)] (X: S, Bd, I, S-b-I). Journal of Polymer Science Part A, 2000, 38, 1136-1138.	2.5	15
282	Block copolymers with crystalline/amorphous, crystalline/polyelectrolyte and amorphous/polyelectrolyte blocks. Macromolecular Chemistry and Physics, 2002, 203, 1317-1327.	1.1	15
283	Poly(styrene-block-isoprene) nanocomposites: Kinetics of intercalation and effects of copolymer on intercalation behaviors. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 3264-3271.	2.4	15
284	Effect of the End-Positioning of a Lithium Sulfonate Group on the Aggregation and Micellization Behavior ofÏ‰-Lithium Sulfonate Polystyrene-block-polyisoprenes. Macromolecular Chemistry and Physics, 2004, 205, 55-62.	1.1	15
285	Anionic polymerization ofn-hexyl isocyanate with monofuctional initiators. Synthesis of well-defined diblock copolymers with styrene and isoprene. Journal of Polymer Science Part A, 2005, 43, 3533-3542.	2.5	15
286	Anionic homo- and copolymerization of styrenic triple-tailed polybutadiene macromonomers. Journal of Polymer Science Part A, 2007, 45, 3513-3523.	2.5	15
287	Well-defined triblock copolymers of polyethylene with polycaprolactone or polystyrene using a novel difunctional polyhomologation initiator. Polymer Chemistry, 2017, 8, 5427-5432.	1.9	15
288	Synthesis and Self-Assembly of Well-Defined Star and Tadpole Homo-/Co-/Terpolymers. Macromolecules, 2019, 52, 5583-5589.	2.2	15

#	Article	IF	Citations
289	Facile synthesis of poly(trimethylene carbonate) by alkali metal carboxylate-catalyzed ring-opening polymerization. Polymer Journal, 2020, 52, 103-110.	1.3	15
290	A Synthetic Method for Siteâ€Specific Functionalized Polypeptides: Metalâ€Free, Highly Active, and Selective at Room Temperature. Angewandte Chemie - International Edition, 2021, 60, 889-895.	7.2	15
291	Polyether-Based Block Co(ter)polymers as Multifunctional Lubricant Additives. ACS Applied Polymer Materials, 2021, 3, 3811-3820.	2.0	15
292	Phase Behavior of I2S Single Graft Block Copolymer/Homopolymer Blends. Macromolecules, 2001, 34, 4235-4243.	2.2	14
293	Polymerization of higher Î±â€olefins using a C_sâ€symmetry hafnium metallocene catalyst. Kinetics of the polymerization and microstructural analysis. Journal of Polymer Science Part A, 2009, 47, 4314-4325.	2.5	14
294	Polymers with Star-Related Structures. , 2011, , 909-972.		14
295	Synthesis and Self-Assembly of Amphiphilic Triblock Terpolymers with Complex Macromolecular Architecture. ACS Macro Letters, 2015, 4, 1392-1397.	2.3	14
296	CO2 as versatile carbonation agent of glycosides: Synthesis of 5- and 6-membered cyclic glycocarbonates and investigation of their ring-opening. Journal of CO2 Utilization, 2018, 24, 564-571.	3.3	14
297	Self-Organization and Flow of Low-Functionality Telechelic Star Polymers with Varying Attraction. ACS Macro Letters, 2019, 8, 766-772.	2.3	14
298	Self-Diffusivity in Block Copolymer Solutions. 2. A2B Simple Grafts. Macromolecules, 1997, 30, 2445-2453.	2.2	13
299	Second Virial Coefficient of AxByMiktoarm Star Copolymers in Common Ï‘, Common Good, and Selective Solvents. Macromolecules, 1998, 31, 6691-6696.	2.2	13
300	Influence of the cocatalyst structure on the statistical copolymerization of methyl methacrylate with bulky methacrylates using the zirconocene complex Cp2ZrMe2. Journal of Polymer Science Part A, 2005, 43, 3305-3314.	2.5	13
301	Micellization of Miktoarm Star S_nI_nCopolymers in Block Copolymer/Homopolymer Blends. Macromolecules, 2009, 42, 5285-5295.	2.2	13
302	Metalloceneâ€mediated cationic ringâ€opening polymerization of 2â€methylâ€and 2â€phenylâ€oxazoline. Journal of Polymer Science Part A, 2011, 49, 2520-2527.	2.5	13
303	Synthesis and characterization of an exact comb polyisoprene with three branches having the middle branch twice the molecular weight of the other two identical external branches. Polymer Chemistry, 2013, 4, 5645.	1.9	13
304	Synthesis, characterization and selfâ€assembly of wellâ€defined linear heptablock quaterpolymers. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1443-1449.	2.4	13
305	Well-defined 4-arm stars with hydroxy-terminated polyethylene, polyethylene-b-polycaprolactone and polyethylene-b-(polymethyl methacrylate)₂ arms. Polymer Chemistry, 2016, 7, 5507-5511.	1.9	13
306	Allyl borates: a novel class of polyhomologation initiators. Chemical Communications, 2017, 53, 1196-1199.	2.2	13

#	Article	IF	Citations
307	Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. Angewandte Chemie - International Edition, 2019, 58, 16267-16274.	7.2	13
308	Hydrodynamic behavior of anionically prepared linear polyisoprenes and polystyrenes in carbon tetrachloride. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 2229-2234.	2.4	12
309	Polymerization of acrylates and bulky methacrylates with the use of zirconocene precursors: Block copolymers with methyl methacrylate. Journal of Polymer Science Part A, 2005, 43, 3337-3348.	2.5	12
310	The effect of molecular architecture on the grain growth kinetics of AnBn star block copolymers. Faraday Discussions, 2005, 128, 103.	1.6	12
311	Novel well-defined star homopolymers and star-block copolymers of poly(n-hexyl isocyanate) by anionic polymerization. Journal of Polymer Science Part A, 2007, 45, 2387-2399.	2.5	12
312	Morphologies of poly(cyclohexadiene) diblock copolymers: Effect of conformational asymmetry. Polymer, 2012, 53, 5155-5162.	1.8	12
313	Ring opening metathesis polymerization of cyclopentene using a ruthenium catalyst confined by a branched polymer architecture. Polymer Chemistry, 2016, 7, 2923-2928.	1.9	12
314	Generating Triple Crystalline Superstructures in Melt Miscible PEOâ€bâ€PCLâ€bâ€PLLA Triblock Terpolymers by Controlling Thermal History and Sequential Crystallization. Macromolecular Chemistry and Physics, 2019, 220, 1900292.	1.1	12
315	Polymethylene-Based Eight-Shaped Cyclic Block Copolymers. Macromolecules, 2020, 53, 267-275.	2.2	12
316	Poly(amine-co-ester)s by Binary Organocatalytic Ring-Opening Polymerization of N-Boc-1,4-oxazepan-7-one: Synthesis, Characterization, and Self-Assembly. Macromolecules, 2020, 53, 223-232.	2.2	12
317	Grafting polysulfonamide from cellulose paper through organocatalytic ring-opening polymerization of N-sulfonyl aziridines. Carbohydrate Polymers, 2021, 261, 117903.	5.1	12
318	Direct evidence of star structure from nuclear magnetic resonance spectroscopy. Macromolecular Chemistry and Physics, 1995, 196, 2767-2774.	1.1	11
319	Dilute solution properties, chain stiffness, and liquid crystalline properties of cellulose propionate. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 1537-1544.	2.4	11
320	Model linear and star-shaped polyisoprenes with phosphatidylcholine analogous end-groups. Synthesis and association behavior in cyclohexane. Macromolecular Chemistry and Physics, 2002, 203, 2132-2141.	1.1	11
321	Synthesis of 3- and 4- Arm Star-Block Copolypeptides using Multifunctional Amino Initiators and High Vacuum Techniques. Macromolecular Symposia, 2006, 240, 12-17.	0.4	11
322	Complex Star Architectures of Well-Defined Polyethylene-Based Co/Terpolymers. Macromolecules, 2020, 53, 4355-4365.	2.2	11
323	Synthesis of Naphthalene-Based Polyaminal-Linked Porous Polymers for Highly Effective Uptake of CO2 and Heavy Metals. Polymers, 2022, 14, 1136.	2.0	11
324	Title is missing!. Die Makromolekulare Chemie, 1982, 183, 611-618.	1.1	10

#	Article	IF	Citations
325	Synthesis and unperturbed dimensions of poly(diphenylmethyl methacrylate). Journal of Polymer Science, Part B: Polymer Physics, 1990, 28, 1881-1889.	2.4	10
326	Microphase separation in block COâ€•and terpolymers of novel macromolecular architectures. Macromolecular Symposia, 1997, 117, 167-174.	0.4	10
327	Zirconocene-catalyzed copolymerization of methyl methacrylate with other methacrylate monomers. Journal of Polymer Science Part A, 2004, 42, 3761-3774.	2.5	10
328	Micellization of Ï‰-Functionalized Diblock Copolymers in Selective Solvent. Study on the Effect of Hydrogen Bonds. Macromolecules, 2006, 39, 8456-8466.	2.2	10
329	Synthesis and characterization of model polybutadiene-1,4-b-polydimethylsiloxane-b-polybutadiene-1,4 copolymers. Journal of Polymer Science Part A, 2007, 45, 2726-2733.	2.5	10
330	Polyethyleneâ€Based Tadpole Copolymers. Macromolecular Chemistry and Physics, 2017, 218, 1600568.	1.1	10
331	pH-responsive AIE-active Polyethylene-based Block Copolymers. Chinese Journal of Polymer Science (English Edition), 2019, 37, 930-935.	2.0	10
332	Polyurethanes from Direct Organocatalytic Copolymerization of p â€Tosyl Isocyanate with Epoxides. Angewandte Chemie, 2021, 133, 1617-1622.	1.6	10
333	Wellâ€Defined Poly(Ester Amide)â€Based Homoâ€•and Block Copolymers by Oneâ€Pot Organocatalytic Anionic Ringâ€Opening Copolymerization of Nâ€Sulfonyl Aziridines and Cyclic Anhydrides. Angewandte Chemie, 2021, 133, 7025-7030.	1.6	10
334	Boronâ€Catalyzed Polymerization of Dienyltriphenylarsonium Ylides: On the Way to Pure C5 Polymerization. Angewandte Chemie - International Edition, 2021, 60, 8431-8434.	7.2	10
335	Solution properties and flexibility of poly(2-biphenylyl methacrylate). Die Makromolekulare Chemie, 1979, 180, 455-464.	1.1	9
336	Graft copolymerization of methacrylates onto wool fibers. Journal of Applied Polymer Science, 1992, 45, 2199-2205.	1.3	9
337	Micellization of Ï‰-Functionalized Poly(styrene-b-isoprene) Copolymers inn-Decane. Macromolecules, 1996, 29, 2903-2908.	2.2	9
338	Macromolecular architecture effects on block copolymer dynamics. II. A2B simple grafts. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 3385-3391.	2.4	9
339	Synthesis and Dilute Solution Properties of Styreneâ^'Isoprene Diblock Copolymers with Mesogenicâ^'Zwitterionic End Groups. Macromolecules, 2000, 33, 6396-6401.	2.2	9
340	Micelle formation of randomly grafted copolymers in slightly selective solvents. Journal of Chemical Physics, 2001, 115, 6243-6251.	1.2	9
341	Self-Assembled Membranes with Featherlike and Lamellar Morphologies Containing Î±-Helical Polypeptides. Macromolecules, 2018, 51, 8174-8187.	2.2	9
342	High flux membranes, based on self-assembled and H-bond linked triblock copolymer nanospheres. Journal of Membrane Science, 2019, 585, 10-18.	4.1	9

#	Article	IF	Citations
343	Terpolymers from Boraneâ€Initiated Copolymerization of Triphenyl Arsonium and Sulfoxonium Ylides: An Unexpected Light Emission. Angewandte Chemie - International Edition, 2019, 58, 6295-6299.	7.2	9
344	Steric Hindrance Drives the Boronâ€Initiated Polymerization of Dienyltriphenylarsonium Ylides to Photoluminescent C5â€Polymers. Angewandte Chemie - International Edition, 2021, 60, 22469-22477.	7.2	9
345	Title is missing!. Die Makromolekulare Chemie, 1983, 184, 1043-1051.	1.1	8
346	Synthesis of high molecular weight near-monodisperse poly(4-methylstyrene) by anionic polymerization. Polymer Bulletin, 1989, 22, 471-474.	1.7	8
347	Characteristic ratio of poly(tetrahydrofurfuryl acrylate) and poly(2-ethylbutyl acrylate). Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 1589-1592.	2.4	8
348	Self-assembly behavior of well-defined polymethylene-block-poly(ethylene glycol) copolymers in aqueous solution. Polymer, 2016, 107, 415-421.	1.8	8
349	pH-Sensitive amphiphilic block-copolymers for transport and controlled release of oxygen. Polymer Chemistry, 2017, 8, 4322-4326.	1.9	8
350	Determining the Dilution Exponent for Entangled 1,4-Polybutadienes Using Blends of Near-Monodisperse Star with Unentangled, Low Molecular Weight Linear Polymers. Macromolecules, 2019, 52, 1757-1771.	2.2	8
351	Direct identification of three crystalline phases in PEO-b-PCL-b-PLLA triblock terpolymer by In situ hot-stage atomic force microscopy. Polymer, 2020, 205, 122863.	1.8	8
352	4-Miktoarm star architecture induces PVDF Î²-phase formation in (PVDF)₂-b-(PEO)₂ miktoarm star copolymers. Journal of Materials Chemistry C, 2020, 8, 13786-13797.	2.7	8
353	Alternating Gyroid Network Structure in an ABC Miktoarm Terpolymer Comprised of Polystyrene and Two Polydienes. Nanomaterials, 2020, 10, 1497.	1.9	8
354	Sequential Crystallization and Multicrystalline Morphology in PE-b-PEO-b-PCL-b-PLLA Tetrablock Quarterpolymers. Macromolecules, 2021, 54, 7244-7257.	2.2	8
355	Phase Transitions in Poly(vinylidene fluoride)/Polymethylene-Based Diblock Copolymers and Blends. Polymers, 2021, 13, 2442.	2.0	8
356	Dynamic Structure Factor of Diblock Copolymer Solutions in the Disordered State. 2. Effect of Composition Polydispersity. Macromolecules, 2002, 35, 3157-3163.	2.2	7
357	ModelÏ‰-Functionalized Linear Polystyrenes with One, Two, and Three Sulfobetaine End Groups: Synthesis, Characterization, and Association Behavior. Macromolecular Chemistry and Physics, 2003, 204, 146-154.	1.1	7
358	Acetylene-Functionalized Lithium Initiators for Anionic Polymerization. Powerful Precursors for â€œClickâ€•Chemistry. Macromolecules, 2011, 44, 1886-1893.	2.2	7
359	Triblock and pentablock terpolymers by sequential base-assisted living cationic copolymerization of functionalized vinyl ethers. Polymer Chemistry, 2015, 6, 1236-1247.	1.9	7
360	Boron â€œstitchingâ€•reaction: a powerful tool for the synthesis of polyethylene-based star architectures. Polymer Chemistry, 2018, 9, 1061-1065.	1.9	7

#	Article	IF	Citations
361	Polymersomes with asymmetric membranes and self-assembled superstructures using pentablock quintopolymers resolved by electron tomography. Chemical Communications, 2018, 54, 1085-1088.	2.2	7
362	A new tricrystalline triblock terpolymer by combining polyhomologation and ringâ€opening polymerization. synthesis and thermal properties. Journal of Polymer Science Part A, 2019, 57, 2450-2456.	2.5	7
363	Terpolymers from Boraneâ€Initiated Copolymerization of Triphenyl Arsonium and Sulfoxonium Ylides: An Unexpected Light Emission. Angewandte Chemie, 2019, 131, 6361-6365.	1.6	7
364	The Effect of the Cooling Rate on the Morphology and Crystallization of Triple Crystalline PE-b-PEO-b-PLLA and PE-b-PCL-b-PLLA Triblock Terpolymers. ACS Applied Polymer Materials, 2020, 2, 4952-4963.	2.0	7
365	Microstructural characterization of a star-linear polymer blend under shear flow by using rheo-SANS. Journal of Rheology, 2020, 64, 663-672.	1.3	7
366	Non-Covalent PSâ€“SCâ€“PI Triblock Terpolymers via Polylactide Stereocomplexation: Synthesis and Thermal Properties. Macromolecules, 2022, 55, 2832-2843.	2.2	7
367	The influence of alkylene spacers on conformational and thermal properties of poly (aryl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.4	6
368	Crystallization and Physical Ageing of Poly (2â€vinyl pyridine)â€bâ€poly(ethylene oxide) Diblock Copolymers. Macromolecular Symposia, 2010, 287, 101-106.	0.4	6
369	A New Role for CO₂: Controlling Agent of the Anionic Ring-Opening Polymerization of Cyclic Esters. Macromolecules, 2017, 50, 6752-6761.	2.2	6
370	Assessing the Range of Validity of Current Tube Models through Analysis of a Comprehensive Set of Starâ€“Linear 1,4-Polybutadiene Polymer Blends. Macromolecules, 2019, 52, 7831-7846.	2.2	6
371	Synthesis and Thermal Analysis of Non-Covalent PS-b-SC-b-P2VP Triblock Terpolymers via Polylactide Stereocomplexation. Polymers, 2022, 14, 2431.	2.0	6
372	Polymer chemists/polymer physicists: A constructive partnership. European Physical Journal E, 2003, 10, 83-86.	0.7	5
373	Synthesis, Chain Flexibility, and Glass-Transition Temperature of Poly (2,2-Diphenylethyl Methacrylate). International Journal of Polymer Analysis and Characterization, 2003, 8, 269-277.	0.9	5
374	Diblock copolymers of polystyreneâ€bâ€poly(1,3â€cyclohexadiene) exhibiting unique threeâ€phase microdomain morphologies. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1564-1572.	2.4	5
375	Investigations on the Phase Diagram and Interaction Parameter of Poly(styrene-b-1,3-cyclohexadiene) Copolymers. Macromolecules, 2017, 50, 2354-2363.	2.2	5
376	Ultrafast phosphazeneâ€promoted controlled anionic polymerization of styrenic monomers. Journal of Polymer Science Part A, 2019, 57, 456-464.	2.5	5
377	High trans-Selectivity in Boron-Catalyzed Polymerization of Allylic Arsonium Ylide and its Contribution to Thermal Properties of C3-Polymers. Macromolecules, 2020, 53, 10718-10724.	2.2	5
378	Non-metal with metal behavior: metal-free coordination-insertion ring-opening polymerization. Chemical Science, 2021, 12, 10732-10741.	3.7	5

#	Article	IF	Citations
379	Synthesis, characterization and self-assembly of linear and miktoarm star copolymers of exclusively immiscible polydienes. Polymer Chemistry, 2021, 12, 2712-2721.	1.9	5
380	Well-defined cyclic polymer synthesis via an efficient etherification-based bimolecular ring-closure strategy. Polymer Chemistry, 2021, 12, 6616-6625.	1.9	5
381	Hybrid Arborescent Polypeptide-Based Unimolecular Micelles: Synthesis, Characterization, and Drug Encapsulation. Biomacromolecules, 2022, 23, 2441-2458.	2.6	5
382	Title is missing!. Die Makromolekulare Chemie, 1978, 179, 549-550.	1.1	4
383	Association behavior of linear ?-functionalized polybutadienes in cyclohexane. Journal of Polymer Science, Part B: Polymer Physics, 1996, 34, 249-259.	2.4	4
384	Synthesis of block terpolymers ofN-methyl methacrylamide with styrene and isoprene by living radical polymerization. Polymer International, 1998, 47, 226-230.	1.6	4
385	Macromolecular Architectures by Living and Controlled/Living Polymerizations. , 0, , 343-443.		4
386	Influence of (1,3â€phenylene)bis(3â€methylâ€1â€phenyl pentylidene)dilithium initiator concentration on the modality of polybutadiene. Journal of Polymer Science Part A, 2013, 51, 824-835.	2.5	4
387	Schlenk Techniques for Anionic Polymerization. , 2015, , 3-18.		4
388	High Vacuum Techniques for Anionic Polymerization. , 2015, , 19-59.		4
389	Quantification of interaction and topological parameters of polyisoprene star polymers under good solvent conditions. Physical Review E, 2016, 93, 052501.	0.8	4
390	Wellâ€defined nonâ€linear polyethyleneâ€based macromolecular architectures. Journal of Polymer Science Part A, 2018, 56, 2129-2136.	2.5	4
391	The influence of arm composition on the self-assembly of low-functionality telechelic star polymers in dilute solutions. Colloid and Polymer Science, 2021, 299, 497-507.	1.0	4
392	Boronâ€Catalyzed Polymerization of Dienyltriphenylarsonium Ylides: On the Way to Pure C5 Polymerization. Angewandte Chemie, 2021, 133, 8512-8515.	1.6	4
393	Crystallization and Morphology of Triple Crystalline Polyethylene-b-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td	2.0	4
394	Boron-Catalyzed Polymerization of Phenyl-Substituted Allylic Arsonium Ylides toward Nonconjugated Emissive Materials from C3/C1 Monomeric Units. ACS Macro Letters, 2021, 10, 1287-1294.	2.3	4
395	Association behavior of linear Ï‰-functionalized polystyrenes in dilute solutions. Macromolecular Chemistry and Physics, 1995, 196, 4025-4038.	1.1	3
396	Model block copolymers with complex architecture. Macromolecular Symposia, 1998, 132, 207-220.	0.4	3

#	Article	IF	Citations
397	Amphiphilic diblock copolymers containing poly(Nâ€hexylisocyanate): Monolayer behavior at the airâ€“water interface. Journal of Applied Polymer Science, 2011, 122, 1395-1404.	1.3	3
398	Determination of the interaction parameter and topological scaling features of symmetric star polymers in dilute solution. Physical Review E, 2015, 92, 012602.	0.8	3
399	Iodineâ€transfer polymerization and CuAAC â€œclickâ€•chemistry: A versatile approach toward poly(vinylidene fluoride)â€based amphiphilic triblock terpolymers. Journal of Polymer Science, 2020, 58, 163-171.	2.0	3
400	Gas Sensitivity Amplification of Interdigitated Chemocapacitors Through Etching. IEEE Sensors Journal, 2020, 20, 463-470.	2.4	3
401	Inâ€chain functionalized poly(Îµ â€caprolactone): A valuable precursor towards the synthesis of 3â€miktoarm star containing hyperbranched polyethylene. Journal of Polymer Science, 2020, 58, 2764-2773.	2.0	3
402	Anionic polymerization: High vacuum techniques. , 2000, 38, 3211.		3
403	Polyethylene grafted silica nanoparticles via surface-initiated polyhomologation: A novel filler for polyolefin nanocomposite. Polymer, 2022, 254, 125029.	1.8	3
404	Viscosityâ€“temperature relationships for linear and 12-arm star polystyrenes in dilute solution. Journal of Applied Polymer Science, 1989, 37, 2699-2708.	1.3	2
405	Reaction of 1, 1-Diphenylethylene with Lithium. Characterization and Stability of the Resultant Initiator. International Journal of Polymer Analysis and Characterization, 1999, 5, 35-46.	0.9	2
406	Ring-Opening Polymerization of N-Carboxyanhydrides for Preparation of Polypeptides and Polypeptide-Based Hybrid Materials with Various Molecular Architectures. , 2015, , 307-337.		2
407	Steric Hindrance Drives the Boronâ€initiated Polymerization of Dienyltriphenylarsonium Ylides to Photoluminescent C5â€Polymers. Angewandte Chemie, 2021, 133, 22643-22651.	1.6	2
408	Synthesis of model nonlinear block copolymers of A(BA)2, A(BA)3, and (AB)3A(BA)3 type. , 1997, 35, 813.		2
409	Structure of The Diblock Co-Polywer Aggregates in Solution. Materials Research Society Symposia Proceedings, 1991, 248, 355.	0.1	1
410	Selfâ€assembly in Ï‰â€functionalized block copolymers of styrene and isoprene. Macromolecular Symposia, 1996, 106, 137-146.	0.4	1
411	Modification of woolen fabrics through grafting with methacrylic esters. Journal of Applied Polymer Science, 1997, 64, 2399-2407.	1.3	1
412	Polyhomologation and ATRP: A Perfect Partnership toward Unique Polyethylene-Based Architectures. ACS Symposium Series, 2018, , 1-24.	0.5	1
413	Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. Angewandte Chemie, 2019, 131, 16413-16420.	1.6	1
414	The Micellization of Well-Defined Single Graft Copolymers in Block Copolymer/Homopolymer Blends. Polymers, 2021, 13, 833.	2.0	1

#	Article	IF	Citations
415	Synthesis of miktoarm star (Î¼-star) polymers. , 1999, 37, 857.		1
416	Synthesis and Characterization of Asymmetric A₁BA₂ Supramolecular Triblock Copolymers via Noncovalent Interactions: A Solution and Solid-State Study. Macromolecules, 2021, 54, 10730-10739.	2.2	1
417	Bimetallic Cu(I)/Rh(II) Relay Catalysis for Multicomponent Polymerization through Carbene Intermediates. Macromolecules, 2022, 55, 643-651.	2.2	1
418	New crossâ€linked poly(methyl methacrylate): Synthesis, characterization, and inhibitory effects against selected bacteria and cancer cells. Polymer Engineering and Science, 0, , .	1.5	1
419	Model polyisoprenes with associating end-groups. Makromolekulare Chemie Macromolecular Symposia, 1991, 48-49, 47-54.	0.6	0
420	Functionalized Polymers with Dimethylamine and Sulfozwitterionic End-Groups. ACS Symposium Series, 1998, , 96-120.	0.5	0
421	Dynamic structure factor of homogeneous diblock copolymers solutions. Macromolecular Symposia, 2002, 183, 185-190.	0.4	0
422	Architecturally Complex Polymers: Viscoelasticity and Extensional Rheology. AIP Conference Proceedings, 2008, , .	0.3	0
423	InnenrÃ¼cktitelbild: Dielsâ€“Alder Polymer Networks with Temperatureâ€Reversible Crossâ€Linkingâ€Induced Emission (Angew. Chem. 1/2021). Angewandte Chemie, 2021, 133, 519-519.	1.6	0
424	Correction to â€œAnionic Polymerization of Styrenic Macromonomersâ€• Macromolecules, 2021, 54, 3000-3000.	2.2	0
425	Iodineâ€transfer polymerization and CuAAC â€œclickâ€•chemistry: A versatile approach toward poly(vinylidene fluoride)â€based amphiphilic triblock terpolymers. Journal of Polymer Science, 2020, 58, 163-171.	2.0	0