

# Nikos Hadjichristidis

## List of Publications by Year in descending order

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425  
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433  
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433  
docs citations

433  
times ranked

9353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymers with Complex Architecture by Living Anionic Polymerization. Chemical Reviews, 2001, 101, 3747-3792.	47.7	1,274
2	Macromolecular architectures by living and controlled/living polymerizations. Progress in Polymer Science, 2006, 31, 1068-1132.	24.7	578
3	Anionic polymerization: High vacuum techniques. Journal of Polymer Science Part A, 2000, 38, 3211-3234.	2.3	541
4	Synthesis of Well-Defined Polypeptide-Based Materials via the Ring-Opening Polymerization of $\alpha$ -Amino Acid $\alpha$ -Carboxyanhydrides. Chemical Reviews, 2009, 109, 5528-5578.	47.7	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.	24.7	410
6	Polymer-Based Photonic Crystals. Advanced Materials, 2001, 13, 421-425.	21.0	409
7	Anionic polymerization: High vacuum techniques. Journal of Polymer Science Part A, 2000, 38, 3211-3234.	2.3	392
8	Regular star polymers with 64 and 128 arms. Models for polymeric micelles. Macromolecules, 1993, 26, 4324-4331.	4.8	366
9	Synthesis of miktoarm star ( $\mu$ -star) polymers. Journal of Polymer Science Part A, 1999, 37, 857-871.	2.3	364
10	Ordered Bicontinuous Nanoporous and Nanorelief Ceramic Films from Self Assembling Polymer Precursors. Science, 1999, 286, 1716-1719.	12.6	348
11	Well-Defined, Model Long Chain Branched Polyethylene. 2. Melt Rheological Behavior. Macromolecules, 2002, 35, 3066-3075.	4.8	326
12	$\alpha$ 50th Anniversary Perspective: Polymers with Complex Architectures. Macromolecules, 2017, 50, 1253-1290.	4.8	311
13	Living Polypeptides. Biomacromolecules, 2004, 5, 1653-1656.	5.4	307
14	Synthesis of a model 3-miktoarm star terpolymer. Macromolecules, 1992, 25, 4649-4651.	4.8	253
15	Metal-Free Alternating Copolymerization of CO <sub>2</sub> with Epoxides: Fulfilling "Green" Synthesis and Activity. Journal of the American Chemical Society, 2016, 138, 11117-11120.	13.7	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.	4.2	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.	3.9	209

#	ARTICLE	IF	CITATIONS
19	Synthesis of Block Copolymers. , 0, , 1-124.		186
20	Effect of Architecture on the Micellization Properties of Block Copolymers: A2B Miktoarm Stars vs AB Diblocks. <i>Macromolecules</i> , 2000, 33, 1741-1746.	4.8	184
21	Asymmetric Star Polymers: Synthesis and Properties. <i>Advances in Polymer Science</i> , 1999, , 71-127.	0.8	179
22	Controlled Anionic Polymerization of Hexamethylcyclotrisiloxane. Model Linear and Miktoarm Star Co- and Terpolymers of Dimethylsiloxane with Styrene and Isoprene. <i>Macromolecules</i> , 2000, 33, 6993-6997.	4.8	167
23	Novel 2-Dimensionally Periodic Non-Constant Mean Curvature Morphologies of 3-Miktoarm Star Terpolymers of Styrene, Isoprene, and Methyl Methacrylate. <i>Macromolecules</i> , 1998, 31, 5272-5277.	4.8	166
24	Synthesis and characterization of model 4-miktoarm star co- and quaterpolymers. <i>Macromolecules</i> , 1993, 26, 2479-2484.	4.8	162
25	Morphology and miscibility of miktoarm styrene-diene copolymers and terpolymers. <i>Macromolecules</i> , 1993, 26, 5812-5815.	4.8	159
26	A study of the linear viscoelastic properties of cyclic polystyrenes using creep and recovery measurements. <i>Macromolecules</i> , 1989, 22, 1834-1852.	4.8	158
27	Well-Defined, Model Long Chain Branched Polyethylene. 1. Synthesis and Characterization. <i>Macromolecules</i> , 2000, 33, 2424-2436.	4.8	153
28	Analysis and dilute solution properties of 12- and 18-arm-star polystyrenes. <i>Macromolecules</i> , 1983, 16, 214-220.	4.8	144
29	Poly(ethylene oxide-b-isoprene) Diblock Copolymer Phase Diagram. <i>Macromolecules</i> , 2001, 34, 2947-2957.	4.8	144
30	Synthesis, Characterization, and Morphology of Model Graft Copolymers with Trifunctional Branch Points. <i>Macromolecules</i> , 1996, 29, 7022-7028.	4.8	142
31	Direct Evidence for Confinement of Junctions to Lines in an 3 Miktoarm Star Terpolymer Microdomain Structure. <i>Macromolecules</i> , 1998, 31, 8429-8432.	4.8	141
32	Viscosity of Ring Polymer Melts. <i>ACS Macro Letters</i> , 2013, 2, 874-878.	4.8	134
33	Regular Comb Polystyrenes and Graft Polyisoprene/Polystyrene Copolymers with Double Branches (‘‘Centipedes’’). Quality of (1,3-Phenylene)bis(3-methyl-1-phenylpentylidene)dilithium Initiator in the Presence of Polar Additives. <i>Macromolecules</i> , 1998, 31, 6697-6701.	4.8	132
34	Mechanical Properties and Deformation Behavior of the Double Gyroid Phase in Unoriented Thermoplastic Elastomers. <i>Macromolecules</i> , 1999, 32, 8145-8152.	4.8	130
35	Star-Branched Polymers. 1. The Synthesis of Star Polyisoprenes Using Octa- and Dodecachlorosilanes as Linking Agents. <i>Macromolecules</i> , 1978, 11, 668-672.	4.8	128
36	Synthesis and solution properties of linear, four-branched, and six-branched star polyisoprenes. <i>Journal of Polymer Science, Polymer Physics Edition</i> , 1974, 12, 2521-2533.	1.0	127

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37	Morphology of miktoarm star block copolymers of styrene and isoprene. Journal of Chemical Physics, 1996, 105, 2456-2462.	3.0	109
38	Graft Copolymers with Regularly Spaced, Tetrafunctional Branch Points: Morphology and Grain Structure. Macromolecules, 2000, 33, 2039-2048.	4.8	109
39	Star-Branched Polymers. 4. Synthesis of 18-Arm Polyisoprenes. Macromolecules, 1980, 13, 191-193.	4.8	101
40	Rheological Properties of Linear and Branched Polyisoprene. Macromolecules, 1976, 9, 127-141.	4.8	100
41	Anionic Polymerization of Styrenic Macromonomers. Macromolecules, 2003, 36, 3783-3785.	4.8	100
42	Aggregation Phenomena of Model PS/PI Super-H-Shaped Block Copolymers. Influence of the Architecture. Macromolecules, 1996, 29, 581-591.	4.8	95
43	Microphase Separation in Star Block Copolymers of Styrene and Isoprene. Theory, Experiment, and Simulation. Macromolecules, 1996, 29, 4142-4154.	4.8	94
44	Well-Defined Comb, Star-Comb, and Comb-on-Comb Polybutadienes by Anionic Polymerization and the Macromonomer Strategy. Macromolecules, 2005, 38, 4996-5001.	4.8	91
45	Synthesis and Properties of Regular Star Polybutadienes with 32 Arms. Rubber Chemistry and Technology, 1992, 65, 303-314.	1.2	89
46	Microphase Separation in Normal and Inverse Tapered Block Copolymers of Polystyrene and Polyisoprene. 1. Phase State. Macromolecules, 2001, 34, 650-657.	4.8	88
47	Controlled nitroxide-mediated and reversible addition-fragmentation chain transfer polymerization of N-vinylpyrrolidone: Synthesis of block copolymers with styrene and 2-vinylpyridine. Journal of Polymer Science Part A, 2006, 44, 659-665.	2.3	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.	4.8	86
49	Synthesis of well-defined second-generation dendritic polymers of isoprene (I) and styrene (S): (S2I)3, (SI2I)3, (I2I2I)3, and (I2I)4. Journal of Polymer Science Part A, 2002, 40, 1519-1526.	2.3	86
50	Micellization Behavior of (PS)8(PI)8Miktoarm (Vergina) Star Copolymers. Macromolecules, 1998, 31, 4177-4181.	4.8	85
51	Entangled Dendritic Polymers and Beyond: Rheology of Symmetric Cayley-Tree Polymers and Macromolecular Self-Assemblies. Macromolecules, 2007, 40, 5941-5952.	4.8	84
52	Synthesis of Model 3-Miktoarm Star Terpolymers of Styrene, Isoprene, and Methyl Methacrylate. Macromolecules, 1997, 30, 1518-1520.	4.8	83
53	Tetrafunctional Multigraft Copolymers as Novel Thermoplastic Elastomers. Macromolecules, 2001, 34, 6333-6337.	4.8	83
54	Tricontinuous Double Gyroid Cubic Phase in Triblock Copolymers of the ABA Type. Macromolecules, 1997, 30, 5634-5642.	4.8	81

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55	A "Catalyst Switch" Strategy for the Sequential Metal-Free Polymerization of Epoxides and Cyclic Esters/Carbonate. <i>Macromolecules</i> , 2014, 47, 3814-3822.	4.8	81
56	Architecturally-Induced Tricontinuous Cubic Morphology in Compositionally Symmetric Miktoarm Starblock Copolymers. <i>Macromolecules</i> , 1996, 29, 3390-3396.	4.8	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. <i>Macromolecules</i> , 2002, 35, 5426-5437.	4.8	80
58	Synthesis of Well-Defined 4-Miktoarm Star Quarterpolymers (4½-SIDV) with Four Incompatible Arms: Polystyrene (S), Polyisoprene-1,4 (I), Poly(dimethylsiloxane) (D), and Poly(2-vinylpyridine) (V). <i>Macromolecules</i> , 2006, 39, 535-540.	4.8	80
59	Microphase Separation in Model 3-MiktoarmStar Copolymers (Simple Graft and Terpolymers). 1. Statics and Kinetics. <i>Macromolecules</i> , 1994, 27, 7735-7746.	4.8	79
60	Synthesis of Well-Defined Second (G-2) and Third (G-3) Generation Dendritic Polybutadienes. <i>Macromolecules</i> , 2006, 39, 4361-4365.	4.8	79
61	Synthesis of model super H-shaped block copolymers. <i>Macromolecules</i> , 1994, 27, 6232-6233.	4.8	76
62	Aggregation Behavior of Poly(butadiene- <i>b</i> -ethylene oxide) Block Copolymers in Dilute Aqueous Solutions: A Effect of Concentration, Temperature, Ionic Strength, and Type of Surfactant. <i>Langmuir</i> , 2003, 19, 48-54.	3.5	76
63	Ordering kinetics in a symmetric diblock copolymer. <i>Acta Polymerica</i> , 1994, 45, 176-181.	0.9	75
64	Microphase separation in block copolymers. <i>Current Opinion in Colloid and Interface Science</i> , 1997, 2, 171-176.	7.4	74
65	Cyclic and Multiblock Polystyrene- <i>block</i> -polyisoprene Copolymers by Combining Anionic Polymerization and Azide/Alkyne "Click" Chemistry. <i>Macromolecules</i> , 2011, 44, 1969-1976.	4.8	74
66	Micellization of Model Graft Copolymers of the H and I Type in Dilute Solution. <i>Macromolecules</i> , 1996, 29, 7378-7385.	4.8	73
67	Synthesis of Model Multigraft Copolymers of Butadiene with Randomly Placed Single and Double Polystyrene Branches. <i>Macromolecules</i> , 1998, 31, 5690-5694.	4.8	73
68	Secondary and Segmental Relaxation in Polybutadienes of Varying Microstructure: Dielectric Relaxation Results. <i>Macromolecules</i> , 1996, 29, 129-134.	4.8	72
69	Star-branched polystyrenes by nitroxide living free-radical polymerization. <i>Journal of Polymer Science Part A</i> , 2001, 39, 320-325.	2.3	72
70	Uniaxial extensional rheology of well-characterized comb polymers. <i>Journal of Rheology</i> , 2013, 57, 605-625.	2.6	72
71	Sequential polymerization of ethylene oxide, $\epsilon$ -caprolactone and L-lactide: a one-pot metal-free route to tri- and pentablock terpolymers. <i>Polymer Chemistry</i> , 2014, 5, 3750-3753.	3.9	72
72	Viscoelasticity and self-diffusion in melts of entangled asymmetric star polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 1943-1954.	2.1	71

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73	Microphase Separation of Cyclic Block Copolymers of Styrene and Butadiene and of Their Corresponding Linear Triblock Copolymers. <i>Macromolecules</i> , 2003, 36, 148-152.	4.8	71
74	Phosphazene-Promoted Metal-Free Ring-Opening Polymerization of Ethylene Oxide Initiated by Carboxylic Acid. <i>Macromolecules</i> , 2014, 47, 1693-1698.	4.8	71
75	Hierarchical Ionic Self-Assembly of Rod-Comb Block Copolypeptide-Surfactant Complexes. <i>Biomacromolecules</i> , 2006, 7, 3379-3384.	5.4	69
76	Micellization Behavior of Complex Comblike Block Copolymer Architectures. <i>Macromolecules</i> , 2007, 40, 5835-5849.	4.8	69
77	The characteristic ratios of stereoirregular polybutadiene and polyisoprene. <i>Journal of Polymer Science, Polymer Physics Edition</i> , 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. <i>Chemistry of Materials</i> , 2003, 15, 1976-1983.	6.7	66
79	ISS Miktoarm Star Block Copolymers: Packing Constraints on Morphology and Discontinuous Chevron Tilt Grain Boundaries. <i>Macromolecules</i> , 2001, 34, 9069-9073.	4.8	65
80	Surface modification of multiwalled carbon nanotubes with biocompatible polymers via ring opening and living anionic surface initiated polymerization. Kinetics and crystallization behavior. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4379-4390.	2.3	65
81	Phosphazene-catalyzed ring-opening polymerization of $\epsilon$ -caprolactone: influence of solvents and initiators. <i>Polymer Chemistry</i> , 2014, 5, 5471-5478.	3.9	65
82	Fast and selective organocatalytic ring-opening polymerization by fluorinated alcohol without a cocatalyst. <i>Nature Communications</i> , 2019, 10, 3590.	12.8	65
83	Carboxylate Salts as Ideal Initiators for the Metal-Free Copolymerization of CO <sub>2</sub> with Epoxides: Synthesis of Well-Defined Polycarbonates Diols and Polyols. <i>Macromolecules</i> , 2019, 52, 2431-2438.	4.8	65
84	Morphology of Model Graft Copolymers with Randomly Placed Trifunctional and Tetrafunctional Branch Points. <i>Macromolecules</i> , 1998, 31, 7659-7667.	4.8	64
85	Complex Macromolecular Architectures by Combining TEMPO Living Free Radical and Anionic Polymerization. <i>Macromolecules</i> , 2000, 33, 9504-9511.	4.8	64
86	Asymmetric Single Graft Block Copolymers: Effect of Molecular Architecture on Morphology. <i>Macromolecules</i> , 1997, 30, 3732-3738.	4.8	63
87	Morphological Behavior of A5B Miktoarm Star Block Copolymers. <i>Macromolecules</i> , 1999, 32, 6604-6607.	4.8	62
88	Synthesis of Model PS(PI) <sub>5</sub> and (PI) <sub>5</sub> PS(PI) <sub>5</sub> Nonlinear Block Copolymers of Styrene (S) and Isoprene (I). <i>Macromolecules</i> , 1999, 32, 534-536.	4.8	62
89	Synthesis of Model 16-Miktoarm (Vergina) Star Copolymers of the A8B8 Type. <i>Macromolecules</i> , 1996, 29, 6076-6078.	4.8	61
90	Four-Phase Triple Coaxial Cylindrical Microdomain Morphology in a Linear Tetra-block Quaterpolymer of Styrene, Isoprene, Dimethylsiloxane, and 2-Vinylpyridine. <i>Macromolecules</i> , 2002, 35, 4859-4861.	4.8	60

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91	Star-branched polymers. 5. The $\theta$ temperature depression for 8- and 12-arm polyisoprenes in dioxane. <i>Journal of the American Chemical Society</i> , 1980, 102, 2410-2413.	13.7	59
92	Effect of the Soluble Block Size on Spherical Diblock Copolymer Micelles. <i>Macromolecules</i> , 2008, 41, 6555-6563.	4.8	58
93	Organocatalysis by hydrogen-bonding: a new approach to controlled/living polymerization of $\alpha$ -amino acid N-carboxyanhydrides. <i>Polymer Chemistry</i> , 2015, 6, 6193-6201.	3.9	58
94	Direct access to poly(glycidyl azide) and its copolymers through anionic (co-)polymerization of glycidyl azide. <i>Nature Communications</i> , 2019, 10, 293.	12.8	58
95	Synthesis of an exact graft copolymer of isoprene and styrene with two branches. <i>Journal of Polymer Science Part A</i> , 2000, 38, 931-935.	2.3	57
96	Hierarchical Smectic Self-Assembly of an ABC Miktoarm Star Terpolymer with a Helical Polypeptide Arm. <i>Macromolecules</i> , 2010, 43, 9071-9076.	4.8	57
97	Hydrodynamic properties of model 3-miktoarm star copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 1925-1932.	2.1	56
98	Microphase separation in block copolymer/homopolymer blends: Theory and experiment. <i>Journal of Chemical Physics</i> , 1997, 106, 3318-3328.	3.0	56
99	Rheology and Structure of Entangled Telechelic Linear and Star Polyisoprene Melts. <i>Macromolecules</i> , 2010, 43, 4401-4411.	4.8	56
100	All-Polycarbonate Thermoplastic Elastomers Based on Triblock Copolymers Derived from Triethylborane-Mediated Sequential Copolymerization of CO <sub>2</sub> with Various Epoxides. <i>Macromolecules</i> , 2020, 53, 5297-5307.	4.8	55
101	Complex Macromolecular Chimeras. <i>Biomacromolecules</i> , 2008, 9, 2072-2080.	5.4	54
102	Linear and Nonlinear Rheology of Dendritic Star Polymers: Experiment. <i>Macromolecules</i> , 2008, 41, 9165-9178.	4.8	53
103	Synthesis and Characterization of Polyisoprene/Polybutadiene A <sub>2</sub> B <sub>2</sub> Star Copolymers. <i>Macromolecules</i> , 1996, 29, 1794-1797.	4.8	52
104	Characterization of Low-Molecular-Weight Polymers: Failure of Universal Calibration in Size Exclusion Chromatography. <i>International Journal of Polymer Analysis and Characterization</i> , 1995, 1, 3-34.	1.9	51
105	Micellization of Model Graft Copolymers in Dilute Solution. <i>Macromolecules</i> , 1997, 30, 5384-5389.	4.8	51
106	Synthesis of model nonlinear block copolymers of A(BA) <sub>2</sub> , A(BA) <sub>3</sub> , and (AB) <sub>3</sub> A(BA) <sub>3</sub> type. <i>Journal of Polymer Science Part A</i> , 1997, 35, 813-816.	2.3	51
107	Linking reactions of living polymers with bromomethylbenzene derivatives: Synthesis and characterization of star homopolymers and graft copolymers with polyelectrolyte branches. <i>Journal of Polymer Science Part A</i> , 1999, 37, 4337-4350.	2.3	51
108	Linear and Star Block Copolymers of Styrenic Macromonomers by Anionic Polymerization. <i>Macromolecules</i> , 2005, 38, 5468-5474.	4.8	51



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109	Morphology and Deformation Mechanisms and Tensile Properties of Tetrafunctional Multigraft Copolymers. <i>Macromolecules</i> , 2009, 42, 4155-4164.	4.8	51
110	Fast and Living Ring-Opening Polymerization of $\alpha$ -Amino Acid $\alpha$ -Carboxyanhydrides Triggered by an $\alpha$ -Alliance of Primary and Secondary Amines at Room Temperature. <i>Biomacromolecules</i> , 2015, 16, 1352-1357.	5.4	51
111	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. <i>Macromolecules</i> , 2017, 50, 4217-4226.	4.8	50
112	Distinguishing Linear from Star-Branched Polystyrene Solutions with Fourier-Transform Rheology. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1921-1926.	3.9	49
113	Magnetic Field Induced Orientation in Diblock Copolymers with One Crystallizable Block. <i>Macromolecules</i> , 2005, 38, 7430-7433.	4.8	49
114	Diels-Alder Polymer Networks with Temperature-Responsive Reversible Cross-Linking-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 331-337.	13.8	49
115	Composition Fluctuation Effects on Dielectric Normal-Mode Relaxation in Diblock Copolymers. 1. Weak Segregation Regime. <i>Macromolecules</i> , 1994, 27, 3543-3552.	4.8	48
116	Block Copolymers of Styrene and Stearyl Methacrylate. Synthesis and Micellization Properties in Selective Solvents. <i>Macromolecules</i> , 2000, 33, 5460-5469.	4.8	48
117	Interfacial Tension in Binary Polymer Blends in the Presence of Block Copolymers. 2. Effects of Additive Architecture and Composition. <i>Macromolecules</i> , 2004, 37, 524-537.	4.8	48
118	Architectural Dispersity in Model Branched Polymers: Analysis and Rheological Consequences. <i>Macromolecules</i> , 2011, 44, 8631-8643.	4.8	48
119	Polymers with Star-Related Structures. , 2012, , 29-111.		48
120	Polyurethanes from Direct Organocatalytic Copolymerization of $\alpha$ -Tosyl Isocyanate with Epoxides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1593-1598.	13.8	48
121	Triethylborane-Assisted Synthesis of Random and Block Poly(ester-carbonate)s through One-Pot Terpolymerization of Epoxides, $\text{CO}_2$ , and Cyclic Anhydrides. <i>Macromolecules</i> , 2021, 54, 2711-2719.	4.8	48
122	Multifunctional ATRP initiators: Synthesis of four-arm star homopolymers of methyl methacrylate and graft copolymers of polystyrene and poly( <i>t</i> -butyl methacrylate). <i>Journal of Polymer Science Part A</i> , 2001, 39, 650-655.	2.3	47
123	Well-defined linear multiblock and branched polypeptides by linking chemistry. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4670-4673.	2.3	47
124	Ring-opening polymerization of $\epsilon$ -pentadecalactone catalyzed by phosphazene superbases. <i>Polymer Chemistry</i> , 2017, 8, 511-515.	3.9	47
125	Side-Chain-Controlled Self-Assembly of Polystyrene- $\alpha$ -Polypeptide Miktoarm Star Copolymers. <i>Macromolecules</i> , 2012, 45, 2850-2856.	4.8	46
126	Model Mono-, Di-, and Tri- $\alpha$ -Functionalized Three-Arm Star Polybutadienes. Association Behavior in Dilute Solution by Dynamic Light Scattering and Viscometry. <i>Macromolecules</i> , 1996, 29, 179-184.	4.8	45



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127	Synthesis and Microphase Separation of Linear Triblock Terpolymers of Polystyrene, High 1,4-Polybutadiene, and High 3,4-Polyisoprene. <i>Macromolecules</i> , 2002, 35, 4030-4035.	4.8	45
128	Polymerization of 5-alkyl $\epsilon$ -lactones catalyzed by diphenyl phosphate and their sequential organocatalytic polymerization with monosubstituted epoxides. <i>Polymer Chemistry</i> , 2015, 6, 2659-2668.	3.9	45
129	Composition Fluctuation Effects on Dielectric Normal-Mode Relaxation in Diblock Copolymers. 2. Disordered State in Proximity to the ODT and Ordered State. <i>Macromolecules</i> , 1996, 29, 1326-1336.	4.8	44
130	Synthesis of model linear tetrablock quaterpolymers and pentablock quaterpolymers of ethylene oxide. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2166-2170.	2.3	44
131	Melt-state polymer chain dimensions as a function of temperature. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 1768-1776.	2.1	44
132	Understanding Constraint Release in Star/Linear Polymer Blends. <i>Macromolecules</i> , 2014, 47, 2451-2463.	4.8	44
133	Revealing the Cytotoxicity of Residues of Phosphazene Catalysts Used for the Synthesis of Poly(ethylene oxide). <i>Biomacromolecules</i> , 2017, 18, 3233-3237.	5.4	44
134	Poly(sarcosine)-Based Nano-Objects with Multi-Protease Resistance by Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). <i>Biomacromolecules</i> , 2018, 19, 4453-4462.	5.4	44
135	Dynamics of polyisoprene in star block copolymers confined in microstructures: A dielectric spectroscopy study. <i>Journal of Chemical Physics</i> , 1997, 107, 5502-5509.	3.0	43
136	Controlling the self-assembly and dynamic response of star polymers by selective telechelic functionalization. <i>Journal of Chemical Physics</i> , 1999, 111, 1760-1764.	3.0	43
137	Mechanical properties of the double gyroid phase in oriented thermoplastic elastomers. <i>Journal of Materials Science</i> , 2000, 35, 5207-5213.	3.7	43
138	Novel block-comb/graft copolymers with the macromonomer strategy and anionic polymerization. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4040-4049.	2.3	43
139	Influence of Macromolecular Architecture on the Crystallization of (PCL <sub>2</sub> ) <sub>2</sub> -(PS <sub>2</sub> ) <sub>4</sub> -Miktoarm Star Block Copolymers in Comparison to Linear PCL <sub>2</sub> -PS Diblock Copolymer Analogues. <i>Macromolecules</i> , 2009, 42, 8353-8364.	4.8	43
140	Comparison of the rheological properties of linear and star-branched polyisoprenes in shear and elongational flows. <i>Journal of Polymer Science, Polymer Physics Edition</i> , 1983, 21, 2287-2298.	1.0	42
141	Linking Chemistry and Anionic Polymerization. <i>Current Organic Chemistry</i> , 2002, 6, 155-176.	1.6	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. <i>Soft Matter</i> , 2014, 10, 4762.	2.7	42
143	Monomodal Ultrahigh-Molar-Mass Polycarbonate Homopolymers and Diblock Copolymers by Anionic Copolymerization of Epoxides with CO <sub>2</sub> . <i>ACS Macro Letters</i> , 2019, 8, 1594-1598.	4.8	42
144	Linear Dynamics of End-Functionalized Polymer Melts: Linear Chains, Stars, and Blends. <i>Macromolecules</i> , 2000, 33, 9740-9746.	4.8	41

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