

# Taihyun Chang

## List of Publications by Year in descending order

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142  
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147  
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Temperature gradient interaction chromatography of polymers. , 2021, , 97-128.		3
2	Molecular Weight Distribution of Two Types of Living Chains Formed during Nitroxide-Mediated Polymerization of Styrene. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000624.	2.0	1
3	Nonlinear Shear Rheology of Entangled Polymer Rings. <i>Macromolecules</i> , 2021, 54, 2811-2827.	2.2	51
4	Nonlinear rheometry of entangled polymeric rings and ring-linear blends. <i>Journal of Rheology</i> , 2021, 65, 695-711.	1.3	24
5	The non-free draining effect for small cyclics in solution. <i>Polymer</i> , 2021, 213, 123202.	1.8	6
6	Synthesis of an amphiphilic spiro-multiblock copolymer via thiol-ene click chemistry. <i>Journal of Polymer Science</i> , 2020, 58, 132-138.	2.0	4
7	Direct introduction of hydroxyl groups in polystyrene chain ends prepared by atom-transfer radical polymerization. <i>Polymer Journal</i> , 2020, 52, 57-64.	1.3	6
8	Threading-Unthreading Transition of Linear-Ring Polymer Blends in Extensional Flow. <i>ACS Macro Letters</i> , 2020, 9, 1452-1457.	2.3	36
9	Orientation of Microphase in Polystyrene- <i>b</i> -polyisoprene Thin Film under Solvent Vapor Annealing. <i>Macromolecules</i> , 2020, 53, 9611-9618.	2.2	3
10	Stress Relaxation in Symmetric Ring-Linear Polymer Blends at Low Ring Fractions. <i>Macromolecules</i> , 2020, 53, 1685-1693.	2.2	42
11	Synthesis of an amphiphilic spiro-multiblock copolymer via thiol-ene click chemistry. <i>Journal of Polymer Science</i> , 2020, 58, 132-138.	2.0	0
12	Phase Behavior of Polystyrene- <i>b</i> -polyisoprene- <i>b</i> -poly(methyl methacrylate) Triblock Terpolymer upon Solvent Vapor Annealing. <i>Macromolecules</i> , 2019, 52, 5122-5130.	2.2	5
13	Assessing the Range of Validity of Current Tube Models through Analysis of a Comprehensive Set of Star-Linear 1,4-Polybutadiene Polymer Blends. <i>Macromolecules</i> , 2019, 52, 7831-7846.	2.2	6
14	Molecular-Weight Distribution of Living Chains in Polystyrene Prepared by Reversible Addition-Fragmentation Chain-Transfer Polymerization. <i>Macromolecules</i> , 2019, 52, 7448-7455.	2.2	16
15	Glass transition temperature of cyclic polystyrene and the linear counterpart contamination effect. <i>Polymer</i> , 2019, 170, 198-203.	1.8	45
16	Constraint Release Mechanisms for H-Polymers Moving in Linear Matrices of Varying Molar Masses. <i>Macromolecules</i> , 2019, 52, 3010-3028.	2.2	21
17	Determining the Dilution Exponent for Entangled 1,4-Polybutadienes Using Blends of Near-Monodisperse Star with Unentangled, Low Molecular Weight Linear Polymers. <i>Macromolecules</i> , 2019, 52, 1757-1771.	2.2	8
18	Two-Dimensional Liquid Chromatography Analysis of Polystyrene/Polybutadiene Block Copolymers. <i>Analytical Chemistry</i> , 2018, 90, 6259-6266.	3.2	24

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19	Chromatographic Separation of Polymers. ACS Symposium Series, 2018, , 1-17.	0.5	8
20	Topologically Reversible Transformation of Tricyclic Polymer into Polyring Using Disulfide/Thiol Redox Chemistry. Macromolecules, 2018, 51, 5313-5322.	2.2	14
21	Branching Analysis of Comb-Shaped Polystyrene with Long Chain Branches. Macromolecular Chemistry and Physics, 2017, 218, 1700087.	1.1	17
22	Branching analysis of star-shaped polybutadienes by temperature gradient interaction chromatography-triple detection. Polymer, 2017, 112, 71-75.	1.8	18
23	Synthesis and Characterization of an Exact Polystyrene-graft-polyisoprene: A Failure of Size Exclusion Chromatography Analysis. Macromolecules, 2017, 50, 2768-2776.	2.2	24
24	Covalent fixed multicyclic polystyrene conformers. Journal of Polymer Science Part A, 2017, 55, 4020-4026.	2.5	5
25	Intrinsic Viscosity of Cyclic Polystyrene. Macromolecules, 2017, 50, 7770-7776.	2.2	61
26	Influence of the Chain Architecture and the Presence of End-Groups or Branching Units Chemically Different from Repeating Structural Units on the Critical Adsorption Point in Liquid Chromatography. Macromolecules, 2017, 50, 8720-8730.	2.2	18
27	Molecular Weight Distribution of Living Chains in Polystyrene Prepared by Atom Transfer Radical Polymerization. ACS Macro Letters, 2017, 6, 758-761.	2.3	24
28	Figure-Eight-Shaped and Cage-Shaped Cyclic Polystyrenes. Macromolecules, 2016, 49, 3672-3680.	2.2	34
29	A nearly quantitative synthetic approach towards monocyclic polystyrenes and the solvent, concentration and molecular weight effect on cyclic yield. Polymer, 2016, 101, 379-387.	1.8	15
30	Inconvertible p-tert-butylthiacalix[4]arene-core-star polystyrene conformers. RSC Advances, 2016, 6, 74614-74619.	1.7	2
31	Comparison of Critical Adsorption Points of Ring Polymers with Linear Polymers. Macromolecules, 2016, 49, 8780-8788.	2.2	38
32	Challenging Tube and Slip-Link Models: Predicting the Linear Rheology of Blends of Well-Characterized Star and Linear 1,4-Polybutadienes. Macromolecules, 2016, 49, 4964-4977.	2.2	34
33	Determining the Origins of Impurities during Azide-Alkyne Click Cyclization of Polystyrene. Macromolecules, 2016, 49, 4369-4372.	2.2	31
34	Comprehensive two-dimensional liquid chromatographic analysis of poloxamers. Journal of Chromatography A, 2016, 1442, 33-41.	1.8	24
35	Linear and Nonlinear Shear Rheology of a Marginally Entangled Ring Polymer. Macromolecules, 2016, 49, 1444-1453.	2.2	74
36	Structural characterization of telechelic polyisobutylene diol. Journal of Chromatography A, 2015, 1376, 98-104.	1.8	13

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37	Definitions of terms relating to individual macromolecules, macromolecular assemblies, polymer solutions, and amorphous bulk polymers (IUPAC Recommendations 2014). <i>Pure and Applied Chemistry</i> , 2015, 87, 71-120.	0.9	31
38	Characterization and fractionation of PS-b-PMMA diblock copolymer synthesized via click chemistry. <i>Polymer</i> , 2015, 80, 46-51.	1.8	14
39	Epitaxial Phase Transition between Double Gyroid and Cylinder Phase in Diblock Copolymer Thin Film. <i>Macromolecules</i> , 2014, 47, 8761-8767.	2.2	21
40	Molecular weight effect of partially sulfonated PS-b-PDMS diblock copolymers as proton exchange membrane for direct methanol fuel cell. <i>Macromolecular Research</i> , 2014, 22, 1337-1343.	1.0	0
41	Preparation and Analysis of Bicyclic Polystyrene. <i>Macromolecules</i> , 2014, 47, 3791-3796.	2.2	35
42	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. <i>Polymer Chemistry</i> , 2013, 4, 5645.	1.9	13
43	High aspect ratio cylindrical microdomains oriented vertically on the substrate using block copolymer micelles and temperature-programmed solvent vapor annealing. <i>Soft Matter</i> , 2013, 9, 5550.	1.2	19
44	Start-up and relaxation of well-characterized comb polymers in simple shear. <i>Journal of Rheology</i> , 2013, 57, 1079-1100.	1.3	30
45	Viscosity of Ring Polymer Melts. <i>ACS Macro Letters</i> , 2013, 2, 874-878.	2.3	134
46	MALDI-TOF MS characterization of polystyrene synthesized by ATRP. <i>Polymer</i> , 2013, 54, 6133-6139.	1.8	26
47	Easy synthesis of dendrimer-like polymers through a divergent iterative "end-grafting" method. <i>Polymer Chemistry</i> , 2013, 4, 830-839.	1.9	24
48	HPLC Characterization of Hydrogenous Polystyrene-block-deuterated polystyrene Utilizing the Isotope Effect. <i>Macromolecules</i> , 2013, 46, 9114-9121.	2.2	28
49	DETERMINATION OF THE BAND BROADENING FUNCTION IN SIZE EXCLUSION CHROMATOGRAPHY WITH LIGHT-SCATTERING DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 79-94.	0.5	11
50	In Silico Molecular Design, Synthesis, Characterization, and Rheology of Dendritically Branched Polymers: Closing the Design Loop. <i>ACS Macro Letters</i> , 2012, 1, 404-408.	2.3	35
51	Analytical Rheology of Asymmetric H-Shaped Model Polybutadiene Melts. <i>Macromolecules</i> , 2012, 45, 5744-5756.	2.2	13
52	Characterization of Branched Polymers by Comprehensive Two-Dimensional Liquid Chromatography with Triple Detection. <i>Macromolecules</i> , 2012, 45, 3550-3556.	2.2	44
53	Mechanistic Pathway for the Formation of Radial Polystyrenes Using Diacyl Chloride. <i>Macromolecules</i> , 2012, 45, 2675-2681.	2.2	4
54	Model Branched Polymers: Synthesis and Characterization of Asymmetric H-Shaped Polybutadienes. <i>ACS Macro Letters</i> , 2012, 1, 537-540.	2.3	18

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55	Well-Defined Functional Linear Aliphatic Diblock Copolyethers: A Versatile Linear Aliphatic Polyether Platform for Selective Functionalizations and Various Nanostructures. <i>Advanced Functional Materials</i> , 2012, 22, 5194-5208.	7.8	43
56	Fractionation of poly(dimethyl siloxane) by interaction chromatography. <i>Macromolecular Research</i> , 2012, 20, 101-105.	1.0	8
57	2D-LC Characterization of Comb-Shaped Polymers Using Isotope Effect. <i>Analytical Chemistry</i> , 2011, 83, 4237-4242.	3.2	37
58	Detecting Structural Polydispersity in Branched Polybutadienes. <i>Macromolecules</i> , 2011, 44, 208-214.	2.2	39
59	Combined Synthesis, TGIC Characterization, and Rheological Measurement and Prediction of Symmetric H Polybutadienes and Their Blends with Linear and Star-Shaped Polybutadienes. <i>Macromolecules</i> , 2011, 44, 7799-7809.	2.2	59
60	Structural characterization of the Fddd phase in a diblock copolymer thin film by electron microtomography. <i>Soft Matter</i> , 2011, 7, 10424.	1.2	21
61	Architectural Dispersity in Model Branched Polymers: Analysis and Rheological Consequences. <i>Macromolecules</i> , 2011, 44, 8631-8643.	2.2	48
62	Solvent-free solution processed passivation layer for improved long-term stability of organic field-effect transistors. <i>Journal of Materials Chemistry</i> , 2011, 21, 775-780.	6.7	30
63	Synthesis and characterization of polystyrene-b-polyisoprene-b-poly(methylmethacrylate) triblock copolymer. <i>European Polymer Journal</i> , 2011, 47, 800-804.	2.6	16
64	Facile one-pot synthesis of linear and radial block copolymers of styrene and isoprene through a novel coupling agent by living anionic polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2636-2641.	2.5	11
65	Effect of Film Thickness on the Phase Behaviors of Diblock Copolymer Thin Film. <i>ACS Nano</i> , 2010, 4, 3109-3116.	7.3	57
66	Isotopic Effect in the Separation of Polystyrene by Normal Phase and Reversed Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 2010, 82, 1509-1514.	3.2	20
67	Titelbild: Toroidal Micelles of Uniform Size from Diblock Copolymers ( <i>Angew. Chem.</i> 25/2009). <i>Angewandte Chemie</i> , 2009, 121, 4519-4519.	1.6	1
68	Toroidal Micelles of Uniform Size from Diblock Copolymers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4594-4597.	7.2	119
69	Cover Picture: Toroidal Micelles of Uniform Size from Diblock Copolymers ( <i>Angew. Chem. Int. Ed.</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	7.2	114
70	New characterization methods for block copolymers and their phase behaviors. <i>Macromolecular Research</i> , 2009, 17, 365-377.	1.0	15
71	Temperature-rise fractionation of poly(3-alkyl thiophenes). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 2547-2555.	2.4	1
72	Two-dimensional liquid chromatography analysis of synthetic polymers using fast size exclusion chromatography at high column temperature. <i>Journal of Chromatography A</i> , 2009, 1216, 4606-4610.	1.8	57

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73	Martin's Rule for High-Performance Liquid Chromatography Retention of Polystyrene Oligomers. <i>Analytical Chemistry</i> , 2009, 81, 5902-5909.	3.2	20
74	New Epitaxial Phase Transition between DG and HEX in PS- <i>b</i> -PI. <i>Journal of the American Chemical Society</i> , 2009, 131, 46-47.	6.6	61
75	Temperature controllable hplc column for preparative fractionation of polymers. <i>Macromolecular Research</i> , 2008, 16, 544-548.	1.0	5
76	Aggregation Behavior of Homo-PS/PS- <i>b</i> -P2VP Blends at the Air/Water Interface. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1248-1253.	2.0	13
77	Property of diblock copolymer having extremely narrow molecular weight distribution. <i>Polymer</i> , 2008, 49, 2170-2175.	1.8	28
78	Synthesis, Temperature Gradient Interaction Chromatography, and Rheology of Entangled Styrene Comb Polymers. <i>Macromolecules</i> , 2008, 41, 5869-5875.	2.2	50
79	Retention Behavior of Star-Shaped Polystyrene near the Chromatographic Critical Condition. <i>Macromolecules</i> , 2008, 41, 3375-3383.	2.2	36
80	Closed-Loop Transition Induced by Homopolymers. <i>Macromolecules</i> , 2008, 41, 9875-9881.	2.2	7
81	Unusual Sensitivity of Closed-Loop Phase Behavior to Chain Size and Distribution. <i>Macromolecules</i> , 2007, 40, 8066-8070.	2.2	4
82	Direct Observation of HPL and DG Structure in PS- <i>b</i> -PI Thin Film by Transmission Electron Microscopy. <i>Macromolecules</i> , 2007, 40, 2603-2605.	2.2	45
83	Comprehensive Two-Dimensional Liquid Chromatography Analysis of a Block Copolymer. <i>Analytical Chemistry</i> , 2007, 79, 1067-1072.	3.2	61
84	Synthesis and Characterization of Model Dumbbell Polymers. <i>Macromolecules</i> , 2007, 40, 3080-3089.	2.2	11
85	Fast size-exclusion chromatography at high temperature. <i>Journal of Chromatography A</i> , 2007, 1157, 96-100.	1.8	22
86	Subphase pH Effect on Surface Micelle of Polystyrene- <i>b</i> -poly(2-vinylpyridine) Diblock Copolymers at the Air-Water Interface. <i>Macromolecules</i> , 2006, 39, 684-689.	2.2	79
87	Characterization of Poly(2-vinylpyridine) by Temperature Gradient Interaction Chromatography. <i>Macromolecules</i> , 2006, 39, 3466-3468.	2.2	22
88	Synthesis, characterization and liquid crystal-aligning properties of new poly{3-[4-( <i>n</i> -alkyloxy)phenoxy]pyromellitimide}s. <i>Polymers for Advanced Technologies</i> , 2006, 17, 444-452.	1.6	8
89	Characterization of polydisperse poly(vinyl chloride) by temperature gradient interaction chromatography. <i>Journal of Chromatography A</i> , 2006, 1123, 22-25.	1.8	17
90	Separation of branched polystyrene by comprehensive two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1103, 235-242.	1.8	77

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91	Effect of spreading solvents on Langmuir monolayers and Langmuir-Blodgett films of PS-b-P2VP. <i>Polymer</i> , 2006, 47, 8575-8582.	1.8	52
92	High temperature size exclusion chromatography. <i>Macromolecular Research</i> , 2006, 14, 383-386.	1.0	16
93	Unexpected Hexagonally Perforated Layer Morphology of PS-b-PMMA Block Copolymer in Supported Thin Film. <i>Macromolecules</i> , 2006, 39, 315-318.	2.2	64
94	Rapid molecular weight analysis of polymers by temperature gradient interaction chromatography. <i>Journal of Chromatography A</i> , 2005, 1075, 145-150.	1.8	18
95	Polymer characterization by interaction chromatography. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 1591-1607.	2.4	136
96	HPLC Fractionation and Surface Micellization Behavior of Polystyrene-b-poly(methyl methacrylate). <i>Macromolecules</i> , 2005, 38, 6122-6127.	2.2	41
97	Thermodynamic Prediction of Polymer Retention in Temperature-Programmed HPLC. <i>Analytical Chemistry</i> , 2005, 77, 6347-6352.	3.2	41
98	Epitaxial Phase Transition of Polystyrene-b-Polyisoprene from Hexagonally Perforated Layer to Gyroid Phase in Thin Film. <i>Macromolecules</i> , 2005, 38, 10532-10536.	2.2	75
99	Structural Analysis of Block Copolymer Thin Films with Grazing Incidence Small-Angle X-ray Scattering. <i>Macromolecules</i> , 2005, 38, 4311-4323.	2.2	366
100	Surface micelle formation of polystyrene-b-poly(2-vinyl pyridine) diblock copolymer at air-water interface. <i>Macromolecular Research</i> , 2004, 12, 127-133.	1.0	35
101	Molecular Weight Distribution of Branched Polystyrene: Propagation of Poisson Distribution. <i>Macromolecules</i> , 2004, 37, 8805-8807.	2.2	29
102	HPLC and MALDI-TOF MS Analysis of Highly Branched Polystyrene: Resolution Enhancement by Branching. <i>Analytical Chemistry</i> , 2004, 76, 2638-2642.	3.2	37
103	Interaction-Controlled HPLC for Block Copolymer Analysis and Separation. <i>Journal of the American Chemical Society</i> , 2004, 126, 8906-8907.	6.6	52
104	Characterization of poly(ethylene oxide)-b-poly(L-lactide) block copolymer by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Macromolecular Research</i> , 2003, 11, 341-346.	1.0	15
105	Characterization of a 4-miktoarm star copolymer of the (PS-b-PI) <sub>3</sub> PS type by temperature gradient interaction chromatography. <i>European Polymer Journal</i> , 2003, 39, 2155-2160.	2.6	33
106	Retention mechanism of fatty alcohol ethoxylates in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 986, 199-206.	1.8	33
107	Retention mechanism of poly(ethylene oxide) in reversed-phase and normal-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 986, 191-198.	1.8	60
108	Effect of Block Copolymer Chain Architecture on Chromatographic Retention. <i>Macromolecules</i> , 2003, 36, 8539-8543.	2.2	61

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109	Phase Diagram Constructed from the HPLC Fractions of a Polystyrene-b-polyisoprene Prepared by Anionic Polymerization. <i>Macromolecules</i> , 2003, 36, 4662-4666.	2.2	36
110	Utility of Interaction Chromatography for Probing Structural Purity of Model Branched Copolymers: A 4-Arm Star Copolymer. <i>Macromolecules</i> , 2003, 36, 5834-5838.	2.2	35
111	Retention Behavior of Linear and Ring Polystyrene at the Chromatographic Critical Condition. <i>Macromolecules</i> , 2002, 35, 529-538.	2.2	82
112	Temperature Gradient Interaction Chromatography and MALDI-TOF Mass Spectrometry Analysis of Stereoregular Poly(ethyl methacrylate)s. <i>Analytical Chemistry</i> , 2002, 74, 1928-1931.	3.2	26
113	Fractionation of Block Copolymers Prepared by Anionic Polymerization into Fractions Exhibiting Three Different Morphologies. <i>Macromolecules</i> , 2002, 35, 5974-5979.	2.2	60
114	Temperature gradient interaction chromatography and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry analysis of air terminated polystyryllithium. <i>Journal of Chromatography A</i> , 2002, 958, 183-189.	1.8	35
115	Synthesis and Structural Analysis of an H-Shaped Polybutadiene. <i>Macromolecules</i> , 2001, 34, 5408-5415.	2.2	95
116	Characterization of Poly(L-lactide)-block-Poly-(ethylene oxide)-block-Poly(L-lactide) Triblock Copolymer by Liquid Chromatography at the Critical Condition and by MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 1726-1732.	3.2	76
117	Characterization of Polystyrene-b-polyisoprene Diblock Copolymers by Liquid Chromatography at the Chromatographic Critical Condition. <i>Macromolecules</i> , 2001, 34, 2353-2358.	2.2	118
118	Dynamics near the Glass Temperature of Low Molecular Weight Cyclic Polystyrene. <i>Macromolecules</i> , 2001, 34, 9002-9005.	2.2	105
119	Structural Characterization of Ring Polystyrene by Liquid Chromatography at the Critical Condition and MALDI-TOF Mass Spectrometry. <i>Macromolecules</i> , 2001, 34, 7570-7572.	2.2	49
120	Liquid Chromatography at the Critical Condition for Polyisoprene Using a Single Solvent. <i>Analytical Chemistry</i> , 2001, 73, 3884-3889.	3.2	52
121	Novel Thermoreversible Gelation of Biodegradable PLGA-block-PEO-block-PLGA Triblock Copolymers in Aqueous Solution. <i>Macromolecular Rapid Communications</i> , 2001, 22, 587-592.	2.0	213
122	Erratum to "Characterization of Polystyrene and Polyisoprene by Normal Phase Temperature Gradient Interaction Chromatography". <i>Journal of Chromatography A</i> , 2001, 919, 229.	1.8	1
123	Characterization of polystyrene and polyisoprene by normal-phase temperature gradient interaction chromatography. <i>Journal of Chromatography A</i> , 2001, 910, 51-60.	1.8	71
124	Characterization of polyisoprene by temperature gradient interaction chromatography. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 320-325.	1.1	38
125	Image recording material based on the polymeric photobase generator containing oxime-urethane groups. <i>Macromolecular Rapid Communications</i> , 2000, 21, 1007-1012.	2.0	20
126	Fractionation of Cyclic Polystyrene from Linear Precursor by HPLC at the Chromatographic Critical Condition. <i>Macromolecules</i> , 2000, 33, 8119-8121.	2.2	167

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127	Molecular Weight Distribution of Polystyrene Made by Anionic Polymerization. <i>Macromolecules</i> , 2000, 33, 5111-5115.	2.2	107
128	Polymer characterization by temperature gradient interaction chromatography. <i>Macromolecular Chemistry and Physics</i> , 1999, 200, 2188-2204.	1.1	117
129	Change of Internal Hydrogen Bonding of Methyl Red upon Photoisomerization Monitored by Forced Rayleigh Scattering. <i>Journal of Physical Chemistry B</i> , 1999, 103, 2355-2360.	1.2	18
130	Characterization of Poly(ethylene oxide)-block-poly(L-lactide) by HPLC and MALDI-TOF Mass Spectrometry. <i>Macromolecules</i> , 1999, 32, 4143-4146.	2.2	57
131	Diffusion and Equilibrium Binding of Methyl Red in Toluene Solutions of Polystyrene/Poly(methyl Tj ETQq1 1 0.784314 rgBT /Overlock 2	2.2	2
132	Characterization of Linear and Star Polystyrene by Temperature-Gradient Interaction Chromatography with a Light-Scattering Detector. <i>Macromolecules</i> , 1998, 31, 690-694.	2.2	73
133	Linking Reaction Kinetics of Star Shaped Polystyrene by Temperature Gradient Interaction Chromatography. <i>Macromolecules</i> , 1998, 31, 4114-4119.	2.2	53
134	Characterization of Poly(methyl methacrylate) by Temperature Gradient Interaction Chromatography with On-Line Light Scattering Detection. <i>Macromolecules</i> , 1998, 31, 344-348.	2.2	41
135	Determination of Order-Order and Order-Disorder Transition Temperatures of SIS Block Copolymers by Differential Scanning Calorimetry and Rheology. <i>Macromolecules</i> , 1998, 31, 4045-4048.	2.2	63
136	High performance liquid chromatography characterization of macromolecules. <i>Macromolecular Symposia</i> , 1997, 118, 261-265.	0.4	1
137	Hydrogen Bonding Effect on Probe Diffusion in Semidilute Polymer Solutions: A Polymer Chain Structure Dependence. <i>Macromolecules</i> , 1996, 29, 3216-3219.	2.2	23
138	Polymer molecular weight characterization by temperature gradient high performance liquid chromatography. <i>Polymer</i> , 1996, 37, 5747-5749.	1.8	94
139	Characterization of Binary Polymer Mixtures by Simultaneous Size Exclusion Chromatography and Interaction Chromatography. <i>Macromolecules</i> , 1996, 29, 7294-7296.	2.2	46
140	Characterization of binary polymer mixtures by size exclusion chromatography with multiple detection. <i>Polymer</i> , 1995, 36, 2215-2218.	1.8	18
141	Preparation of star-shaped polylactide with pentaerythritol and stannous octoate. <i>Die Makromolekulare Chemie</i> , 1993, 194, 3229-3236.	1.1	103
142	Recent Advances in Liquid Chromatography Analysis of Synthetic Polymers. <i>Advances in Polymer Science</i> , 0, , 1-60.	0.4	132