

Atsushi Takano

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Polymeric Quasicrystal: Mesoscopic Quasicrystalline Tiling in ABC Star Polymers. <i>Physical Review Letters</i> , 2007, 98, 195502.	7.8	307
2	Production of Colored Pigments with Amorphous Arrays of Black and White Colloidal Particles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7261-7265.	13.8	262
3	A mesoscopic Archimedean tiling having a new complexity in an ABC star polymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 2427-2432.	2.1	142
4	Viscosity of Ring Polymer Melts. <i>ACS Macro Letters</i> , 2013, 2, 874-878.	4.8	134
5	Observation of Cylinder-Based Microphase-Separated Structures from ABC Star-Shaped Terpolymers Investigated by Electron Computerized Tomography. <i>Macromolecules</i> , 2004, 37, 9941-9946.	4.8	132
6	Melt Rheology of Ring Polystyrenes with Ultrahigh Purity. <i>Macromolecules</i> , 2015, 48, 3140-3147.	4.8	115
7	Effect of Composition Distribution on Microphase-Separated Structure from Diblock Copolymers. <i>Macromolecules</i> , 2003, 36, 8074-8077.	4.8	103
8	Systematic Transitions of Tiling Patterns Formed by ABC Star-Shaped Terpolymers. <i>Macromolecules</i> , 2006, 39, 9402-9408.	4.8	96
9	Dimension of ring polymers in bulk studied by Monte-Carlo simulation and self-consistent theory. <i>Journal of Chemical Physics</i> , 2009, 131, 144902.	3.0	94
10	Three-Phase Hierarchical Structures from AB/CD Diblock Copolymer Blends with Complementary Hydrogen Bonding Interaction. <i>Macromolecules</i> , 2005, 38, 8811-8815.	4.8	93
11	Morphology of model three-component three-arm star-shaped copolymers. <i>Polymer</i> , 1997, 38, 5275-5281.	3.8	85
12	Radii of Gyration of Ring-Shaped Polystyrenes with High Purity in Dilute Solutions. <i>Macromolecules</i> , 2012, 45, 369-373.	4.8	85
13	Preparation and Characterization of a Styrene- <i>b</i> -Isoprene Undecablock Copolymer and Its Hierarchical Microdomain Structure in Bulk. <i>Macromolecules</i> , 2005, 38, 10220-10225.	4.8	82
14	Nanophase-Separated Structures of AB Block Copolymer/C Homopolymer Blends with Complementary Hydrogen-Bonding Interactions. <i>Macromolecules</i> , 2008, 41, 7695-7698.	4.8	80
15	Effect of Composition Distribution on Microphase-Separated Structure from BAB Triblock Copolymers. <i>Macromolecules</i> , 2004, 37, 3804-3808.	4.8	79
16	Conductive Metal Nanowires Templated by the Nucleoprotein Filaments, Complex of DNA and RecA Protein. <i>Journal of the American Chemical Society</i> , 2005, 127, 8120-8125.	13.7	79
17	Structurally Coloured Secondary Particles Composed of Black and White Colloidal Particles. <i>Scientific Reports</i> , 2013, 3, 2371.	3.3	77
18	Nanophase-Separated Synchronizing Structure with Parallel Double Periodicity from an Undecablock Terpolymer. <i>Physical Review Letters</i> , 2006, 97, 098301.	7.8	76

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19	Preparation and Morphology of Ring-Shaped Polystyrene-block-polyisoprenes. <i>Macromolecules</i> , 2003, 36, 3045-3050.	4.8	75
20	Shear stabilization of critical fluctuations in bulk polymer blends studied by small angle neutron scattering. <i>Journal of Chemical Physics</i> , 1990, 93, 795-810.	3.0	74
21	Preparation and Characterization of Cyclic Polystyrenes. <i>Polymer Journal</i> , 2005, 37, 506-511.	2.7	74
22	Archimedean Tiling Patterns of ABC Star-Shaped Terpolymers Studied by Microbeam Small-Angle X-ray Scattering. <i>Macromolecules</i> , 2006, 39, 4869-4872.	4.8	74
23	Effect of Molecular Weight Distribution on Microphase-Separated Structures from Block Copolymers. <i>Macromolecules</i> , 2005, 38, 4371-4376.	4.8	72
24	Hierarchical Morphologies Formed by ABC Star-Shaped Terpolymers. <i>Macromolecules</i> , 2007, 40, 3695-3699.	4.8	69
25	HPLC Characterization of Cyclization Reaction Product Obtained by End-to-End Ring Closure Reaction of a Telechelic Polystyrene. <i>Macromolecules</i> , 2007, 40, 679-681.	4.8	69
26	Effect of Loop/Bridge Conformation Ratio on Elastic Properties of the Sphere-Forming ABA Triblock Copolymers: Preparation of Samples and Determination of Loop/Bridge Ratio. <i>Macromolecules</i> , 2005, 38, 9718-9723.	4.8	67
27	Effect of Homopolymer Molecular Weight on Nanophase-Separated Structures of AB Block Copolymer/C Homopolymer Blends with Hydrogen-Bonding Interactions. <i>Macromolecules</i> , 2009, 42, 7098-7102.	4.8	67
28	The second virial coefficients of highly-purified ring polystyrenes in cyclohexane. <i>Polymer</i> , 2009, 50, 1300-1303.	3.8	66
29	Comparison of Interdiffusion Behavior between Cyclic and Linear Polystyrenes with High Molecular Weights. <i>Macromolecules</i> , 2006, 39, 5180-5182.	4.8	65
30	Archimedean Tiling Structures from ABA/CD Block Copolymer Blends Having Intermolecular Association with Hydrogen Bonding. <i>Macromolecules</i> , 2006, 39, 2232-2237.	4.8	55
31	Model Block ^π Graft Copolymer via Anionic Living Polymerization: Preparation and Characterization of [Poly((4-vinylphenyl)dimethylvinylsilane)-graft-polyisoprene]-block-polystyrene. <i>Macromolecules</i> , 1997, 30, 1570-1576.	4.8	54
32	Hierarchical nanophase-separated structures created by precisely-designed polymers with complexity. <i>Polymer</i> , 2009, 50, 2191-2203.	3.8	50
33	Jewelry Box of Morphologies with Mesoscopic Length Scales – ABC Star-shaped Terpolymers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1579-1587.	3.9	49
34	Composition-Dependent Morphological Transition of Hierarchically-Ordered Structures Formed by Multiblock Terpolymers. <i>Macromolecules</i> , 2007, 40, 4023-4027.	4.8	48
35	Topological effect in ring polymers investigated with Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2008, 129, 034903.	3.0	48
36	Shape-Directed Assembly of a Macromolecular Barb into Nanofibers: Stereospecific Cyclopolymerization of Isopropylidene Diallylmalonate. <i>Journal of the American Chemical Society</i> , 2010, 132, 3292-3294.	13.7	44

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37	Uniaxial Extensional Behavior of (SIS)-Type Multiblock Copolymer Systems: Structural Origin of High Extensibility. <i>Macromolecules</i> , 2013, 46, 2681-2695.	4.8	42
38	Diblock-Type Supramacromolecule via Biocomplementary Hydrogen Bonding. <i>Biomacromolecules</i> , 2006, 7, 1696-1699.	5.4	41
39	Neutron Reflectometry on Interfacial Structures of the Thin Films of Polymer and Lipid. <i>Polymer Journal</i> , 2007, 39, 1238-1246.	2.7	38
40	Melt Rheology of Tadpole-Shaped Polystyrenes. <i>Macromolecules</i> , 2015, 48, 8667-8674.	4.8	38
41	Effect of Loop/Bridge Conformation Ratio on Elastic Properties of the Sphere-Forming ABA Triblock Copolymers under Uniaxial Elongation. <i>Macromolecules</i> , 2005, 38, 9724-9729.	4.8	37
42	Chain Localization and Interfacial Thickness in Microphase-Separated Structures of Block Copolymers with Variable Composition Distributions. <i>Macromolecules</i> , 2006, 39, 7654-7661.	4.8	37
43	Formation of Tetragonally-Packed Rectangular Cylinders from ABC Block Terpolymer Blends. <i>ACS Macro Letters</i> , 2014, 3, 166-169.	4.8	37
44	Re-examination of terminal relaxation behavior of high-molecular-weight ring polystyrene melts. <i>Rheologica Acta</i> , 2017, 56, 567-581.	2.4	36
45	Model block-graft copolymer via anionic living polymerization: Preparation and characterization of polystyrene-block-[poly(p-hydroxystyrene)-graft-poly(ethylene oxide)]-block-polystyrene. <i>Journal of Polymer Science Part A</i> , 1998, 36, 3021-3034.	2.3	35
46	Kaleidoscopic morphologies from ABC star-shaped terpolymers. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 284111.	1.8	35
47	Conformations of Ring Polystyrenes in Bulk Studied by SANS. <i>Macromolecules</i> , 2018, 51, 1539-1548.	4.8	35
48	Noncentrosymmetric Structure from a Tetrablock Quarterpolymer of the ABCA Type. <i>Macromolecules</i> , 2003, 36, 9288-9291.	4.8	34
49	Observation of Four-Phase Lamellar Structure from a Tetrablock Quarterpolymer of the ABCD Type. <i>Macromolecules</i> , 2003, 36, 8216-8218.	4.8	32
50	Chain elongation suppression of cyclic block copolymers in lamellar microphase-separated bulk. <i>Journal of Chemical Physics</i> , 2004, 121, 1129-1132.	3.0	31
51	Giant Zincblende Structures Formed by an ABC Star-Shaped Terpolymer/Homopolymer Blend System. <i>Macromolecules</i> , 2008, 41, 6269-6271.	4.8	31
52	Kaleidoscopic Tiling Patterns with Large Unit Cells from ABC Star-Shaped Terpolymer/Diblock Copolymer Blends with Hydrogen Bonding Interaction. <i>Macromolecules</i> , 2017, 50, 979-986.	4.8	31
53	Creation of Hierarchical Nanophase-Separated Structures via Supramacromolecular Self-Assembly from Two Asymmetric Block Copolymers with Short Interacting Sequences Giving Hydrogen Bonding Interaction. <i>Macromolecules</i> , 2010, 43, 1101-1107.	4.8	29
54	Preparation, Characterization, and Nanophase-Separated Structure of Catenated Polystyrene \sim Polyisoprene. <i>Macromolecules</i> , 2008, 41, 3957-3961.	4.8	28

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55	Precise Synthesis and Characterization of Tadpole-Shaped Polystyrenes with High Purity. <i>Macromolecules</i> , 2013, 46, 1075-1081.	4.8	28
56	Periodic and Aperiodic Tiling Patterns from a Tetrablock Terpolymer System of the A ₁ BA ₂ C Type. <i>ACS Macro Letters</i> , 2020, 9, 32-37.	4.8	28
57	Synthesis and Characterization of Comb-Shaped Ring Polystyrenes. <i>Macromolecules</i> , 2016, 49, 3109-3115.	4.8	27
58	Fabrication of solid polymer electrolyte based on block-graft copolymer. 1. Precision synthesis and	4.1	26
59	Conformations of Ring Polystyrenes in Semidilute Solutions and in Linear Polymer Matrices Studied by SANS. <i>Macromolecules</i> , 2018, 51, 6836-6847.	4.8	26
60	Frank-Kasper A15 Phase Formed in AB _n Block-Graft Copolymers with Large Numbers of Graft Chains. <i>Macromolecules</i> , 2020, 53, 10217-10224.	4.8	26
61	Preparation and characterization of cyclic polystyrene with short poly(2-tert-butylbutadiene) sequences. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 1582-1589.	2.1	25
62	Stoichiometric Effects on Nanostructures of Block- and Graft-Type Supramacromolecules via Acid-Base Complexation. <i>Macromolecules</i> , 2008, 41, 9277-9283.	4.8	25
63	Synthesis, separation and characterization of knotted ring polymers. <i>Polymer</i> , 2012, 53, 466-470.	3.8	25
64	Synthesis and characterization of star-shaped polymer with one labeled arm. <i>Macromolecules</i> , 1992, 25, 3596-3598.	4.8	23
65	Micellization behavior of diblock copolymers in solution near the critical micelle temperature. <i>Polymer</i> , 2000, 41, 5367-5374.	3.8	23
66	Composition dependence of nanophase-separated structures formed by star-shaped terpolymers of the A _{1.0} B _{1.0} C _X type. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 2277-2283.	2.1	23
67	Preparation and Morphology of Model Graft Copolymers of the A ₃ B ₂ Type with Different Graft Junction Points. <i>Polymer Journal</i> , 2001, 33, 732.	2.7	23
68	Phase diagram of star-shaped polystyrene/cyclohexane system: location of critical point and profile of coexistence curve. <i>Polymer</i> , 1991, 32, 3218-3224.	3.8	22
69	Novel Miscible Polymer Blend of Poly(4-trimethylsilylstyrene) and Polyisoprene. <i>Macromolecules</i> , 2005, 38, 1868-1873.	4.8	22
70	Tricontinuous Double Diamond Network Structure from Binary Blends of ABC Triblock Terpolymers. <i>Macromolecules</i> , 2017, 50, 5402-5411.	4.8	22
71	Self-assembly template during morphological transition of a linear ABC triblock copolymer from lamellar to Gyroid structure. <i>Polymer</i> , 2004, 45, 8989-8997.	3.8	21
72	Asymmetric Double Tetragonal Domain Packing from ABC Triblock Terpolymer Blends with Chain Length Difference. <i>Macromolecules</i> , 2016, 49, 6940-6946.	4.8	21

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73	Precise Analyses of Short-Time Relaxation at Asymmetric Polystyrene Interface in Terms of Molecular Weight by Time-Resolved Neutron Reflectivity Measurements. <i>Macromolecules</i> , 2011, 44, 9424-9433.	4.8	20
74	Bicontinuous Double-Diamond Structures Formed in Ternary Blends of AB Diblock Copolymers with Block Chains of Different Lengths. <i>Macromolecules</i> , 2019, 52, 6633-6640.	4.8	20
75	Novel Synthesis and Characterization of Bioconjugate Block Copolymers Having Oligonucleotides. <i>Biomacromolecules</i> , 2005, 6, 2328-2333.	5.4	19
76	The theta-temperature depression caused by topological effect in ring polymers studied by Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2011, 135, 204903.	3.0	19
77	Temperature and Molecular Weight Dependence of Mutual Diffusion Coefficient of Cyclic Polystyrene/Cyclic Deuterated Polystyrene Bilayer Films. <i>Macromolecules</i> , 2012, 45, 6748-6752.	4.8	19
78	Creation of Cylindrical Morphologies with Extremely Large Oblong Unit Lattices from ABC Block Terpolymer Blends. <i>Macromolecules</i> , 2015, 48, 1538-1542.	4.8	19
79	SANS Study of Ring Topology Effects on the Miscibility of Polymer Blends. <i>Macromolecules</i> , 2018, 51, 1885-1893.	4.8	19
80	Nonlinear viscoelastic properties and change in entanglement structure of linear polymer 1. Single-step large shearing deformations. <i>Rheologica Acta</i> , 1997, 36, 245-251.	2.4	19
81	Preparation and Characterization of Diblock Copolymers of the AB and CD Types and their Self-Assembled Structure by Hydrogen Bonding Interaction. <i>Polymer Journal</i> , 2006, 38, 258-263.	2.7	17
82	Thin Films with Perpendicular Tetragonally Packed Rectangular Rods Obtained from Blends of Linear ABC Block Terpolymers. <i>ACS Macro Letters</i> , 2018, 7, 789-794.	4.8	17
83	Morphology of ABC triblock copolymer/homopolymer blend systems. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 1135-1141.	2.1	16
84	Topological constraint in ring polymers under theta conditions studied by Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2013, 138, 024902.	3.0	16
85	Preparation of a Polystyrene Macromonomer with a Novel Anionic Initiator Containing an Olefinic Vinyl Group. <i>Macromolecules</i> , 1994, 27, 7914-7916.	4.8	15
86	TGIC Separation of PS-b-P2VP Diblock and P2VP-b-PS-b-P2VP Triblock Copolymers According to Chemical Composition. <i>Macromolecules</i> , 2005, 38, 3033-3036.	4.8	15
87	SEC-MALS characterization of cyclization reaction products: Formation of knotted ring polymer. <i>Polymer</i> , 2009, 50, 1297-1299.	3.8	15
88	Nonclassical Block Copolymer Self-Assembly Resulting from a Constrained Location of Chains and Junctions. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902007.	3.7	15
89	Dielectric Behavior of Guest <i>cis</i> -Polyisoprene Confined in Spherical Microdomain of Triblock Copolymer.. <i>Macromolecules</i> , 2012, 45, 2809-2819.	4.8	14
90	Preparation and characterization of end-alkoxysilylated polystyrene and the grafting behaviors onto inorganic pigments. II. Utilization of 4-triethoxysilyl- β -methylstyrene. <i>Journal of Applied Polymer Science</i> , 1996, 59, 399-406.	2.6	13

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91	Preparation of Poly(1,1-dimethyl silabutane) by Anionic Polymerization and Its Crystallization. <i>Macromolecules</i> , 2004, 37, 315-321.	4.8	13
92	Formation of undulated lamellar structure from ABC block terpolymer blends with different chain lengths. <i>Journal of Chemical Physics</i> , 2010, 133, 194901.	3.0	13
93	Nonlinear viscoelastic properties and change in entanglement structure of linear polymer. <i>Rheologica Acta</i> , 1997, 36, 245-251.	2.4	12
94	Interfacial profiles of miscible poly(4-trimethylsilylstyrene)/polyisoprene bilayer films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 1486-1494.	2.1	12
95	Dielectric behavior of Styrene-Isoprene (SI) Diblock and SIIS Triblock Copolymers: Global Dynamics of I Blocks in Spherical and Cylindrical Domains Embedded in Glassy S Matrix. <i>Macromolecules</i> , 2012, 45, 7050-7060.	4.8	12
96	Chain conformations of ring polymers under theta conditions studied by Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2013, 139, 184904.	3.0	12
97	Preparation of Partially Deuterium-labeled Poly(4-trimethylsilylstyrene)s and Unperturbed Dimensions in Bulk. <i>Polymer Journal</i> , 2004, 36, 538-541.	2.7	10
98	Comparison between Flow-Induced Alignment Behaviors of Poly(styrene-block-2-vinylpyridine)s and Poly(styrene-block-isoprene)s Solutions near ODT. <i>Polymer Journal</i> , 2005, 37, 900-905.	2.7	10
99	Direct Observation of an Isolated Cyclic Sodium Poly(styrenesulfonate) Molecule by Atomic Force Microscopy. <i>Polymer Journal</i> , 2007, 39, 271-275.	2.7	10
100	Melt rheology of tadpole-shaped polystyrenes with different ring sizes. <i>Soft Matter</i> , 2020, 16, 8720-8724.	2.7	10
101	Preparation, characterization, and dilute solution properties of four-branched cage-shaped poly(ethylene oxide). <i>Journal of Polymer Science</i> , 2020, 58, 2098-2107.	3.8	10
102	Evaluation of Block Copolymer Structure using Soft X-Ray Scattering. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2017, 30, 77-82.	0.3	10
103	Neutron Reflection Studies on Lamellar Microphase-Separated Structures of Two-Component Block Copolymers with Composition Distribution. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 709-712.	2.7	9
104	Chain dimension of cyclic polymers in solutions. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 532-534.	2.7	8
105	Creation and control of new morphologies via supramacromolecular self-assembly. <i>Polymer Journal</i> , 2012, 44, 72-82.	2.7	8
106	Preparation and characterization of polyisoprenes and polybutadienes having 1,2- and 3,4-linkages preferentially. <i>Polymer</i> , 2012, 53, 3354-3359.	3.8	8
107	A new periodic pattern with five-neighbored domain packing from ABC triblock terpolymer/B homopolymer blend. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 907-911.	2.1	8
108	Synthesis and characterization of dumbbell-shaped polystyrene. <i>Polymer</i> , 2016, 106, 8-13.	3.8	8

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109	Precise synthesis of a series of poly(4-n-alkylstyrene)s and their glass transition temperatures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 757-763.	2.1	8
110	Transition Pathway between Gyroid and Cylindrical Morphology in Linear Triblock Terpolymer Thin Films. <i>Macromolecules</i> , 2019, 52, 6641-6648.	4.8	8
111	Viscoelastic Properties of Dumbbell-Shaped Polystyrenes in Bulk and Solution. <i>Macromolecules</i> , 2021, 54, 1366-1374.	4.8	8
112	The Largest Quasicrystalline Tiling with Dodecagonal Symmetry from a Single Pentablock Quarterpolymer of the AB ₁ CB ₂ D Type. <i>ACS Nano</i> , 2022, 16, 6111-6117.	14.6	8
113	Interactions between ring polymers in dilute solution studied by Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2015, 142, 044904.	3.0	7
114	Preparation and Morphologies of AB ₆ Block-Graft Copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 952-960.	2.1	7
115	Phase behavior of poly(4- <i>tert</i> -butylstyrene)- <i>stat</i> -4- <i>tert</i> -butoxystyrene)/polyisoprene blends with competitive interactions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 2272-2280.	2.1	6
116	Dimensions of catenated ring polymers in dilute solution studied by Monte-Carlo simulation. <i>Journal of Chemical Physics</i> , 2018, 149, 204901.	3.0	6
117	A New Cylindrical Structure from ABCBD Pentablock Quadpolymer Melt Studied by Monte Carlo Simulation. <i>Macromolecular Theory and Simulations</i> , 2020, 29, 2000029.	1.4	6
118	Interdiffusion of Cyclic Polystyrene Whose Molecular Weight is Larger than the Critical Entanglement Molecular Weight. <i>Nihon Reoroji Gakkaishi</i> , 2008, 36, 113-115.	1.0	6
119	Anionic polymerization of 3,5-(2,4)-dimethoxystyrene and 2,4,6-trimethoxystyrene and functionalization of the resulting polymers by lithiation. <i>Reactive and Functional Polymers</i> , 1998, 37, 39-47.	4.1	5
120	Temperature Dependence of Surface Segregation in Miscible Polymer Blend of Poly(4-trimethylsilylstyrene)/Polyisoprene. <i>Polymer Journal</i> , 2007, 39, 1274-1280.	2.7	5
121	Molecular Weight Dependence of Viscoelastic Properties for Symmetric Poly(styrene- <i>b</i> -2-vinylpyridine)s in the Nanophase Separated Molten States. <i>Macromolecules</i> , 2013, 46, 7097-7105.	4.8	5
122	Morphology of symmetric ABCD tetrablock quaterpolymers studied by Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2016, 145, 194905.	3.0	5
123	Dynamic viscoelasticity of a series of poly(4-n-alkylstyrene)s and their alkyl chain length dependence. <i>Polymer</i> , 2017, 133, 137-142.	3.8	5
124	Preparation and phase behavior of poly(4-trimethylsilylstyrene)-block-polyisoprene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 1214-1219.	2.1	4
125	Fluctuation Effects on Viscoelastic Properties of Diblock Copolymer Solutions in Disordered State. <i>Polymer Journal</i> , 2007, 39, 509-513.	2.7	4
126	Hysteresis Behavior in Shear Rate Dependence of First Normal Stress Difference of Diblock Copolymers in Ordered State near Order-Disorder Transition. <i>Polymer Journal</i> , 2007, 39, 632-635.	2.7	4

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127	Determination of the Rayleigh Ratio with an Uncertainty Analysis by Static Light-Scattering Measurements of Certified Reference Materials for Molecular Weight. <i>Analytical Sciences</i> , 2019, 35, 1045-1051.	1.6	4
128	Hexagonally Packed Cylindrical Structures with Multiple Satellites from Pentablock Quarterpolymers of the AB ₁ CB ₂ D Type and Their Blends with Homopolymers. <i>ACS Macro Letters</i> , 2021, 10, 359-364.	4.8	4
129	Viscoelastic Properties of Low Molecular Weight Symmetric Poly(styrene- <i>b</i> -2-vinylpyridine)s in the Ordered and Disordered States under Steady Shear Flow. <i>Nihon Reoroji Gakkaishi</i> , 2013, 41, 83-91.	1.0	4
130	A Separation Method of Responses from Large Scale Motions and Chain Relaxations for Viscoelastic Properties of Symmetric Poly(styrene- <i>b</i> -2-vinylpyridine)s in the Ordered State. <i>Nihon Reoroji Gakkaishi</i> , 2013, 41, 93-99.	1.0	4
131	Characterization of Cyclic Polystyrene with High Molecular Weight and Its Interdiffusion Behavior. <i>Kobunshi Ronbunshu</i> , 2007, 64, 397-405.	0.2	3
132	Transition between tetragonal and hexagonal pattern in binary blends of ABC block copolymers with different chain lengths. <i>European Polymer Journal</i> , 2020, 138, 109986.	5.4	3
133	Triply Helical Giant Domain with Homochirality in a Terpolymer Blend System. <i>ACS Macro Letters</i> , 2021, 10, 978-983.	4.8	3
134	Precision Polymerization and Polymers II. Living Anionic Polymerization of Hydroxystyrene Derivatives.. <i>Kobunshi Ronbunshu</i> , 1997, 54, 951-957.	0.2	2
135	Precision Polymerization and Polymers II. Preparation and Morphology of Star-Shaped Copolymers of the AnBn Type.. <i>Kobunshi Ronbunshu</i> , 1997, 54, 958-965.	0.2	2
136	Molecular Design of Block- and Graft Polymers and Their Nanophase-Separated Hierarchical Structures in Condensed Systems. <i>Kobunshi Ronbunshu</i> , 2006, 63, 205-218.	0.2	2
137	Development of Sub-5 nm Patterning by Directed Self-Assembly using Multiblock Copolymers. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2016, 29, 695-700.	0.3	2
138	Annealing Effects on the Elastic Properties of Sphere-Forming ABA and ABC Triblock Copolymers. <i>Nihon Reoroji Gakkaishi</i> , 2006, 34, 177-180.	1.0	2
139	Helical Microdomains with Homochirality Trapped in a Gyroid Network from Symmetric AB ₁ CB ₂ D Pentablock Quarterpolymer Melt Studied by Monte Carlo Simulation. <i>Macromolecular Theory and Simulations</i> , 2022, 31, .	1.4	2
140	Terminal relaxation behavior of entangled linear polymers blended with ring and dumbbell-shaped polymers in melts. <i>Rheologica Acta</i> , 2022, 61, 681-688.	2.4	2
141	Elasticity of Sphere-forming Polystyrene- <i>b</i> -polyisoprene- <i>b</i> -poly(2-vinylpyridine)/Polystyrene- <i>b</i> -polyisoprene/Polyisoprene- <i>b</i> -poly(2-vinylpyridine) blends: The role of Dangling Chains. <i>Polymer Journal</i> , 2006, 38, 603-605.	2.7	1
142	Dimension of Ring Polymers in Melt Studied by Monte-Carlo Simulation. <i>Progress of Theoretical Physics Supplement</i> , 2011, 191, 130-134.	0.1	1
143	Alkyl side chain length dependent compatibility of poly(4-alkylstyrene)s and 1,4- <i>cis</i> -polyisoprene blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1791-1797.	2.1	1
144	Preparation and distorted cylindrical morphology of block copolymers consisting of flexible and semiflexible blocks. <i>Polymer Journal</i> , 0, , .	2.7	1

#	ARTICLE	IF	CITATIONS
145	Branched Polymers. II. Preparation of Graft Copolymers of the AB ₂ Type and Their Equilibrium Structures in Bulk.. Kobunshi Ronbunshu, 2000, 57, 803-809.	0.2	0
146	Preparation and Characterization of Tapered Block Copolymers.. Kobunshi Ronbunshu, 2002, 59, 800-806.	0.2	0
147	Transient Viscoelastic Properties of Lamellae-Forming Diblock Copolymers with Flow-Induced Alignment. Kobunshi Ronbunshu, 2007, 64, 437-440.	0.2	0
148	Hierarchically-Ordered Nanoscopic Structures from Complex Polymeric Systems: Effect of Chain Connectivity. Nippon Gomu Kyokaishi, 2009, 82, 405-410.	0.0	0
149	Cylindrical Superlattice Structures with Three-Contrasts from Pentablock Binary Blends Studied by Monte Carlo Simulation. Macromolecular Theory and Simulations, 2021, 30, 2100015.	1.4	0
150	Stabilization of Dispersed Domains in Polymer Blends by Addition of Low Molecular Weight Diblock Copolymer. Zairyo/Journal of the Society of Materials Science, Japan, 2001, 50, 229-233.	0.2	0
151	Solution and Bulk Properties of Ring Polymers Investigated by Scattering Methods. Hamon, 2009, 19, 146-149.	0.0	0
152	Hierarchical Microphase-Separated Structures Formed by 3-component Star-Shaped Terpolymers. Journal of the Japan Society of Colour Material, 2010, 83, 121-128.	0.1	0
153	Thermo-Reversible Solid-Like and Liquid-Like Behaviors of Carboxyl-Terminated Telechelic Poly(ethylene-butylene) Neutralized by Octadecylamine. Nihon Reoraji Gakkaishi, 2014, 42, 33-38.	1.0	0