

Akikazu Matsumoto

List of Publications by Year in descending order

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273
papers

6,616
citations

66315

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62
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all docs

283
docs citations

283
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Vertically aligned and non-close-packed arrays of dumbbell- and bullet-shaped nanoparticles fabricated via self-assembly. <i>Nano Select</i> , 2022, 3, 374-380.	1.9	1
2	Carboxy-terminal dendrimers with phenylalanine for a pH-sensitive delivery system into immune cells including T cells. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2463-2470.	2.9	3
3	Bulk polymerization kinetics of methyl methacrylate at broad temperature range investigated by differential scanning calorimetry. <i>International Journal of Chemical Kinetics</i> , 2022, 54, 361-370.	1.0	9
4	Dielectric relaxation and glassy dynamics in poly(diisopropyl fumarate) and its copolymers with acrylate segments. <i>Polymer</i> , 2022, 245, 124671.	1.8	2
5	Application of the water-insoluble, temperature-responsive block polymer poly(butyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 detachment. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 502-508.	1.1	1
6	Co-continuous network polymers using epoxy monolith for the design of tough materials. <i>Scientific Reports</i> , 2021, 11, 1431.	1.6	9
7	Polymerization-Induced Vitrification and Kinetic Heterogenization at the Onset of the Trommsdorff Effect. <i>Macromolecules</i> , 2021, 54, 3293-3303.	2.2	13
8	Application of Zwitterionic Polymer Hydrogels to Optical Tissue Clearing for 3D Fluorescence Imaging. <i>Macromolecular Bioscience</i> , 2021, 21, e2100170.	2.1	7
9	Different hydration states and passive tumor targeting ability of polyethylene glycol-modified dendrimers with high and low PEG density. <i>Materials Science and Engineering C</i> , 2021, 126, 112159.	3.8	16
10	Characteristic Features of $\hat{\nu}_1$ and $\hat{\nu}_2$ Relaxations of Poly(diethyl fumarate) as the Poly(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.1	2
11	Solubilization of Paclitaxel by Self-Assembled Amphiphilic Phospholipid-Mimetic Polymers with Varied Hydrophobicity. <i>Polymers</i> , 2021, 13, 2805.	2.0	4
12	Colloidal Crystal Thin Films with Square Lattice Nanoprotrusions Formed by Self-Assembly via Spin-Coating and Heating. <i>ChemistrySelect</i> , 2021, 6, 9920-9925.	0.7	0
13	Different antifouling effects of random and block copolymers comprising 2-methacryloyloxyethyl phosphorylcholine and dodecyl methacrylate. <i>European Polymer Journal</i> , 2020, 136, 109932.	2.6	11
14	Singlet oxygen generation by sonication using a water-soluble fullerene (C60) complex: a potential application for sonodynamic therapy. <i>Polymer Journal</i> , 2020, 52, 1387-1394.	1.3	6
15	Association of Hydrophobic Carboxyl-Terminal Dendrimers with Lymph Node-Resident Lymphocytes. <i>Polymers</i> , 2020, 12, 1474.	2.0	8
16	Interfacial Structure Control and Three-Dimensional X-ray Imaging of an Epoxy Monolith Bonding System with Surface Modification. <i>Langmuir</i> , 2020, 36, 10923-10932.	1.6	10
17	Characterization of the Hydration Process of Phospholipid-Mimetic Polymers Using Air-Injection-Mediated Liquid Exclusion Methods. <i>Langmuir</i> , 2020, 36, 5626-5632.	1.6	6
18	Synthesis of hydrogels with a gradient crosslinking structure by electron beam radiation to an aqueous solution of poly(sodium acrylate). <i>Journal of Applied Polymer Science</i> , 2020, 137, 49515.	1.3	1

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19	Rapid Photoinduced Single Cell Detachment from Gold Nanoparticle-Embedded Collagen Gels with Low Denaturation Temperature. <i>Polymers</i> , 2020, 12, 213.	2.0	4
20	Synthesis of Heat-Resistant Polymers by Thiol-Ene Reaction of <i>N</i> -Allylmaleimide Copolymers Using Glycoluril Crosslinkers with Rigid Molecular Structures. <i>Journal of Polymer Science</i> , 2020, 58, 923-931.	2.0	2
21	Thermal, Mechanical, and Optical Properties of Maleimide Copolymers Containing Twisted <i>N</i> -Phenyl Substituents in the Side Chain. <i>ChemistrySelect</i> , 2020, 5, 4793-4801.	0.7	3
22	One-shot radical polymerization of vinyl monomers with different reactivity accompanying spontaneous delay of polymerization for the synthesis of double-network hydrogels. <i>Polymer International</i> , 2020, 69, 954-963.	1.6	6
23	Relaxation behavior of poly(diisopropyl fumarate) including no methylene spacer in the main chain. <i>Polymer</i> , 2020, 196, 122479.	1.8	3
24	Retardation Effect of Catechol Moiety during Radical Copolymerization of 3,4-Dihydroxystyrene with Various Monomers. <i>Chemistry Letters</i> , 2019, 48, 928-931.	0.7	5
25	Role of <i>N</i> -substituents of maleimides on penultimate unit effect for sequence control during radical copolymerization. <i>Polymer Journal</i> , 2019, 51, 1137-1146.	1.3	7
26	Adamantane-containing poly(dialkyl fumarate)s with rigid chain structures. <i>Polymer Journal</i> , 2019, 51, 1147-1161.	1.3	9
27	Control of thermal, mechanical, and optical properties of three-component maleimide copolymers by steric bulkiness and hydrogen bonding. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1569-1579.	2.5	5
28	Relaxation behavior of random copolymers containing rigid fumarate and flexible acrylate segments by dynamic mechanical analysis. <i>Polymer Journal</i> , 2019, 51, 1163-1172.	1.3	8
29	Rapid optical tissue clearing using various anionic polymer hydrogels. <i>Materials Today Communications</i> , 2019, 21, 100611.	0.9	3
30	Reductants for polyperoxides to accelerate degradation at elevated temperatures. <i>Polymer Degradation and Stability</i> , 2019, 162, 47-54.	2.7	7
31	Thermal decomposition of methacrylate polymers containing tert-butoxycarbonyl moiety. <i>Polymer Degradation and Stability</i> , 2019, 166, 145-154.	2.7	21
32	Regiospecificity of Alternating Copolymerization of Cyclic Conjugated Dienes and Oxygen. <i>Chemistry Letters</i> , 2019, 48, 445-448.	0.7	6
33	Formation of Hydrophobic Domains on the poly(MPC- <i>co</i> -Dodecyl Methacrylate)-Coated Surface Recognized by Macrophage-like Cells. <i>Langmuir</i> , 2019, 35, 12229-12235.	1.6	13
34	Synthesis of Transparent and Heat-Resistant Acrylic Block Copolymers by Living Radical Polymerization. <i>Kobunshi Ronbunshu</i> , 2019, 76, 113-140.	0.2	1
35	One-Shot Preparation of Polyacrylamide/Poly(sodium styrenesulfonate) Double-Network Hydrogels for Rapid Optical Tissue Clearing. <i>ACS Omega</i> , 2019, 4, 21083-21090.	1.6	11
36	Phase separation during bulk polymerization of methyl methacrylate. <i>Polymer Journal</i> , 2019, 51, 423-431.	1.3	18

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37	Rapid optical tissue clearing using poly(acrylamide-co-styrenesulfonate) hydrogels for three-dimensional imaging. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2297-2304.	1.6	12
38	Effect of glass transition temperature on heat-responsive gas bubbles formation from polymers containing <i>tert</i> -butoxycarbonyl moiety. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46252.	1.3	10
39	Photo-thermal Dual Curing of Polysilane/diaryluorene Blends -Fabrication of Films with High and Tunable Refractive Indices-. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2018, 31, 503-510.	0.1	1
40	Design of a High-Performance Dismantlable Adhesion System Using Pressure-Sensitive Adhesive Copolymers of 2-Hydroxyethyl Acrylate Protected with <i>tert</i> -Butoxycarbonyl Group in the Presence of Cross-Linker and Lewis Acid. <i>ACS Omega</i> , 2018, 3, 16357-16368.	1.6	26
41	Synthesis of transparent block copolymers consisting of poly(diisopropyl fumarate) and poly(2-ethylhexyl acrylate) segments by reversible addition-fragmentation chain transfer polymerization using trithiocarbonates as the chain transfer agents. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2584-2594.	2.5	7
42	Heat resistant and transparent organic-inorganic hybrid materials composed of <i>N</i> -allylmaleimide copolymer and random-type SH-modified silsesquioxane. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2294-2302.	2.5	18
43	Dissimilar Materials Bonding Using Epoxy Monolith. <i>ACS Omega</i> , 2018, 3, 7532-7541.	1.6	12
44	Control of adhesive strength of acrylate polymers containing 1-isobutoxyethyl and isobornyl esters in response to dual stimuli for dismantlable adhesion. <i>Applied Adhesion Science</i> , 2017, 5, .	1.5	8
45	UV and γ -ray resistance of poly(<i>N</i> -methylmaleimide- <i>alt</i> -isobutene) and poly(diisopropyl fumarate) as transparent polymer films. <i>Radiation Physics and Chemistry</i> , 2017, 138, 22-28.	1.4	2
46	Synthesis and Ozone Degradation of Alternating Copolymers of <i>N</i> -Substituted Maleimides with Diene Monomers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700156.	1.1	4
47	Reversible addition-fragmentation chain transfer polymerization of diisopropyl fumarate using various dithiobenzoates as chain transfer agents. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3266-3275.	2.5	8
48	Crosslinking of poly(vinyl alcohol) and poly(vinyl acetate) using poly(maleic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (anhydride) ozone degradation. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	4
49	Dismantlable adhesion properties of reactive acrylic copolymers resulting from cross-linking and gas evolution. <i>Journal of Adhesion</i> , 2017, 93, 811-822.	1.8	22
50	Thermal and mechanical properties of random copolymers of diisopropyl fumarate with 1-adamantyl and bornyl acrylates with high glass transition temperatures. <i>Journal of Polymer Science Part A</i> , 2017, 55, 288-296.	2.5	15
51	Thermal Curing of Copolymers of <i>N</i> -Allylmaleimide and Their Adhesion Property for Metal Bonding. <i>Journal of the Adhesion Society of Japan</i> , 2017, 53, 235-243.	0.0	4
52	Photocuring Behaviors of Epoxy Resins using Deep-UV LEDs. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2017, 30, 405-412.	0.1	3
53	Fabrication of Photocrosslinked Polysilane/diaryluorene Blended Films with Tunable Refractive Indices. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2017, 30, 683-688.	0.1	4
54	Photo-degradation of Reworkable Resin: A Mechanical Study. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2017, 30, 689-694.	0.1	6

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55	Thermal Degradation Behavior of Polymers Containing a tert-Butoxycarbonyl Group in the Side Chain and Application to Dismantlable Adhesion Materials. <i>Journal of the Adhesion Society of Japan</i> , 2017, 53, 4-10.	0.0	3
56	Living radical polymerization of diisopropyl fumarate to obtain block copolymers containing rigid poly(substituted methylene) and flexible polyacrylate segments. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2136-2147.	2.5	16
57	UV Curable Formulations for UV-C LEDs. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2016, 29, 99-104.	0.1	16
58	Mesophase Transformation of Mixed Liquid Crystals Formed by Supramolecular Self-Organization of 4-Substituted Benzoic Acids. <i>ChemistrySelect</i> , 2016, 1, 1810-1815.	0.7	1
59	Radical copolymerization of <i>N</i> -phenylmaleimide and diene monomers in competition with diels-alder reaction. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3616-3625.	2.5	6
60	Metal-resin bonding mediated by epoxy monolith layer. <i>Applied Adhesion Science</i> , 2016, 4, .	1.5	9
61	Photo-thermal dual curing of acrylic anchor resins for screen printing. <i>Progress in Organic Coatings</i> , 2016, 100, 47-50.	1.9	14
62	Photoresists for Screen Printing Plates with High Resolution and Sensitivity Using Thiol-ene Reaction. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2015, 28, 61-66.	0.1	5
63	Synthesis of Sequence-Controlled Maleimide Copolymers and Application to the Design of Thermoresistant and Transparent Polymer Materials. <i>Kobunshi Ronbunshu</i> , 2015, 72, 243-260.	0.2	10
64	Synthesis of Degradable Thermosetting Resin Using Maleic Anhydride/Diene Copolymers and Difunctional Crosslinkers. <i>Journal of the Adhesion Society of Japan</i> , 2015, 51, 336-341.	0.0	5
65	Crosslinking and ozone degradation of thermosetting resins based on maleic anhydride/diene copolymer and polyfunctional alcohols. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	2
66	Molecular design of diene monomers containing an ester functional group for the synthesis of poly(diene sulfone)s by radical alternating copolymerization with sulfur dioxide. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1000-1009.	2.5	6
67	Acetal-protected acrylic copolymers for dismantlable adhesives with spontaneous and complete removability. <i>Polymer</i> , 2015, 64, 260-267.	1.8	34
68	Synthesis and thermal, optical, and mechanical properties of sequence-controlled poly(1-adamantyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Journal of Polymer Science Part A</i> , 2014, 52, 2899-2910.	2.5	23
69	Sequence-Controlled Radical Copolymerization for the Design of High-Perfomanced Transparent Polymer Materials. <i>ACS Symposium Series</i> , 2014, , 301-312.	0.5	14
70	High-molecular-weight polar acrylate block copolymers as high-performance dismantlable adhesive materials in response to photoirradiation and postbaking. <i>RSC Advances</i> , 2014, 4, 24719-24728.	1.7	30
71	Radical Alternating Copolymerization of Twisted 1,3-Butadienes with Maleic Anhydride as a New Approach for Degradable Thermosetting Resin. <i>Macromolecules</i> , 2014, 47, 6619-6626.	2.2	31
72	One-Step Synthesis of Thermally Curable Hyperbranched Polymers by Addition-Fragmentation Chain Transfer Using Divinyl Monomers. <i>Macromolecules</i> , 2014, 47, 937-943.	2.2	43

#	ARTICLE	IF	CITATIONS
73	Synthesis and Characterization of Thermo-resistant Maleimide Copolymers and their Crosslinked Polymers. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2014, 27, 151-154.	0.1	4
74	Photocrosslinking of Blends of Multifunctional Diphenylfluorene Derivatives and Polysilanes Using Visible Light. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2014, 27, 525-528.	0.1	4
75	Dismantling Behavior of Pressure Sensitive Adhesives Using Acrylic Block and Random Copolymers in Response to Photoirradiation and Postbaking. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2014, 27, 531-534.	0.1	13
76	Studies on the Synthesis of Degradable Polymers by Radical Polymerization and the Design of Dismantlable Adhesion Materials. <i>Journal of the Adhesion Society of Japan</i> , 2014, 50, 72-81.	0.0	3
77	Radical Copolymerization Reactivity of <i>N</i> -Substituted Maleimides with α -Substituted Styrenes with Various α - and β -Substituents and the Thermal and Optical Properties of the Resulting Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1612-1620.	1.1	14
78	Organotellurium-Mediated Living Radical Polymerization (TERP) of Acrylates Using Ditelluride Compounds and Binary Azo Initiators for the Synthesis of High-Performance Adhesive Block Copolymers for On-Demand Dismantlable Adhesion. <i>Macromolecules</i> , 2013, 46, 8111-8120.	2.2	53
79	Synthesis of Poly(decahydro-2-naphthyl methacrylate)s with Different Geometric Structures and Effects of Side-Group Dynamics on Polymer Properties Investigated by Thermal and Dynamic Mechanical Analyses and DFT Calculations. <i>Macromolecules</i> , 2013, 46, 2941-2950.	2.2	14
80	Sequence-Controlled Radical Copolymerization of <i>N</i> -Substituted Maleimides with Olefins and Polyisobutene Macromonomers To Fabricate Thermally Stable and Transparent Maleimide Copolymers with Tunable Glass Transition Temperatures and Viscoelastic Properties. <i>Macromolecules</i> , 2013, 46, 7733-7744.	2.2	48
81	Sequence-Controlled Radical Polymerization of <i>N</i> -Substituted Maleimides with 1-Methylenebenzocycloalkanes and the Characterization of the Obtained Copolymers with Excellent Thermal Resistance and Transparency. <i>Macromolecules</i> , 2013, 46, 3314-3323.	2.2	45
82	Reversible thickness control of polymer thin films containing photoreactive coumarin derivative units. <i>Progress in Organic Coatings</i> , 2013, 76, 1747-1751.	1.9	21
83	Thermochromism and Structural Change in Polydiacetylenes Including Carboxy and 4-Carboxyphenyl Groups as the Intermolecular Hydrogen Bond Linkages in the Side Chain. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 940-948.	4.0	74
84	Controlled Radical Polymerization of 3-Methylenecyclopentene with <i>N</i> -Substituted Maleimides To Yield Highly Alternating and Regiospecific Copolymers. <i>Macromolecules</i> , 2013, 46, 9526-9536.	2.2	26
85	Synthesis and Thermal Properties of Comb-Like Maleimide Copolymers Containing Polymethylene and Poly(Ethylene Oxide) Side Chains as the α -Substituents. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2091-2098.	1.1	8
86	Columnar and Smectic Mesophases Observed for Mixed Liquid Crystal Systems Using 4-Substituted Benzoic Acids. <i>Chemistry Letters</i> , 2013, 42, 849-851.	0.7	5
87	Precise Synthesis of Acrylic Block Copolymers and Application to On-demand Dismantlable Adhesion Systems in Response to Photoirradiation and Postbaking. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2013, 26, 239-244.	0.1	24
88	Optical Properties of Photo-cured Polyacrylate Thin Films Containing Bis-Phenylfluorene Modified Zirconia Nanoparticles. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2013, 26, 491-494.	0.1	6
89	Penultimate Unit and Solvent Effects on 2:1 Sequence Control During Radical Copolymerization of <i>N</i> -Phenylmaleimide With α -Pinene. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2479-2485.	1.1	23
90	Facile Synthesis of Main-Chain Degradable Block Copolymers for Performance Enhanced Dismantlable Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2057-2064.	4.0	50

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91	Epitaxial Crystal Growth and Solid-State Polymerization of Piperonyl Muconate on the {001} Surface of KCl Crystal for Controlling Polymer Chain Alignment. ACS Applied Materials & Interfaces, 2012, 4, 2280-2287.	4.0	7
92	Pressure-Sensitive Adhesion System Using Acrylate Block Copolymers in Response to Photoirradiation and Postbaking as the Dual External Stimuli for On-Demand Dismantling. ACS Applied Materials & Interfaces, 2012, 4, 2124-2132.	4.0	58
93	Highly-controlled regiospecific free-radical copolymerization of 1,3-diene monomers with sulfur dioxide. Organic and Biomolecular Chemistry, 2011, 9, 3753.	1.5	22
94	Columnar mesophases constructed by hierarchical self-organization of rod-like diacetylene molecules. Journal of Materials Chemistry, 2011, 21, 10730.	6.7	30
95	Single-Crystal-to-Single-Crystal Transformation of Di(isopropylammonium) (<i>Z,Z</i>)-Muconate into the (<i>E,E</i>)-Muconate during One-Way Photoisomerization in the Solid State. Crystal Growth and Design, 2011, 11, 3442-3447.	1.4	8
96	Structural and Chromatic Changes of Host Polydiacetylene Crystals during Intercalation with Guest Alkylamines. Macromolecules, 2011, 44, 3323-3327.	2.2	39
97	Thermally Stable Polysulfones Obtained by Regiospecific Radical Copolymerization of Various Acyclic and Cyclic 1,3-Diene Monomers with Sulfur Dioxide and Subsequent Hydrogenation. Macromolecules, 2011, 44, 9125-9137.	2.2	27
98	Intercalation of Mono- and Difunctional Azobenzenes as Photoresponsible Guest Molecules into Poly(muconic acid) Host Crystals. Macromolecular Chemistry and Physics, 2011, 212, 1767-1777.	1.1	6
99	Mechanical aging behavior of styrene-butadiene rubbers evaluated by abrasion test. Journal of Applied Polymer Science, 2011, 120, 379-389.	1.3	4
100	Phase separation and thermal aging behavior of styrene-butadiene rubber vulcanizates using liquid polymers as plasticizers studied by differential scanning calorimetry and dynamic mechanical spectroscopy. Journal of Applied Polymer Science, 2011, 120, 434-440.	1.3	15
101	Effect of Phase Separation on Thermal Aging Behavior of Styrene-Butadiene Rubber Vulcanizates Using Liquid Polyisoprene as Plasticizer. Chemistry Letters, 2010, 39, 268-269.	0.7	3
102	Synthesis of degradable network polymers containing peroxy units in the main chain or the cross-linking point. Progress in Organic Coatings, 2010, 68, 42-47.	1.9	3
103	Synthesis of degradable network polymers containing peroxy units in the main chain or the cross-linking point. Progress in Organic Coatings, 2010, 67, 85-91.	1.9	17
104	Mechanical properties and thermal aging behavior of styrene-butadiene rubbers vulcanized using liquid diene polymers as the plasticizer. Journal of Applied Polymer Science, 2010, 118, 2314-2320.	1.3	18
105	Thermosetting Maleimide/Isobutene Alternating Copolymer as a New Class of Transparent Materials. Macromolecular Chemistry and Physics, 2010, 211, 782-790.	1.1	21
106	Crystal Phase Transition and Solid-State Photoisomerization of Benzyl (<i>Z,Z</i>)-Muconate Polymorphs Studied by Direct Observation of Crystal Structure Change. Crystal Growth and Design, 2010, 10, 3203-3210.	1.4	28
107	Soluble and Thermally Stable Polysulfones Prepared by the Regiospecific and Alternating Radical Copolymerization of 2,4-Hexadiene with Sulfur Dioxide. Macromolecules, 2010, 43, 1800-1806.	2.2	26
108	Cohesive Force Change Induced by Polyperoxide Degradation for Application to Dismantlable Adhesion. ACS Applied Materials & Interfaces, 2010, 2, 2594-2601.	4.0	76

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109	Synthesis, Structure, Chromatic Properties, and Induced Circular Dichromism of Polydiacetylenes with an Extended Conjugated System in the Side Chain. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 11-21.	1.1	10
110	The Effect of Side Chain Length and Hydrogen Bonding on the Viscoelastic Property of Isobutene/Maleimide Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1210-1217.	1.1	8
111	Thermally Stable Fluorescent Maleimide/Isobutene Alternating Copolymers Containing Pyrenyl and Alkynylpyrenyl Moieties in the Side Chain. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1776-1784.	1.1	10
112	Macromol. Chem. Phys. 15/2009. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, .	1.1	1
113	Macromol. Chem. Phys. 21/2009. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, NA-NA.	1.1	0
114	Facile synthesis of functional polyperoxides by radical alternating copolymerization of 1,3-dienes with oxygen. <i>Chemical Record</i> , 2009, 9, 247-257.	2.9	33
115	Self-Assembly and Cellular Uptake of Degradable and Water-Soluble Polyperoxides. <i>Bioconjugate Chemistry</i> , 2009, 20, 1879-1887.	1.8	33
116	Molecular Solid Solutions with Steric Complementary Pairing from the Binary Mixtures of 1-Naphthylmethylammonium Alkanoates. <i>Crystal Growth and Design</i> , 2009, 9, 1072-1076.	1.4	8
117	Mesomorphic and polymerization behaviors of 4-(icos-1,3-diynyl)benzoic acid. <i>Synthetic Metals</i> , 2009, 159, 969-972.	2.1	2
118	Solid-State Reactions of Crystals Containing Two Kinds of Polymerizable Moieties of Diene and Diyne. <i>Crystal Growth and Design</i> , 2009, 9, 3481-3487.	1.4	40
119	Thermally Induced Polymerization of Muconic Esters in the Solid State Studied by Infrared Microscope Spectroscopy under Temperature Control. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 357-365.	1.1	11
120	The Role of Intermolecular Hydrogen Bonding on Thermal Properties of Maleimide-Isobutene Alternating Copolymers with Polar Groups. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1503-1514.	1.1	31
121	Synthesis and Thermal Properties of Alternating Copolymers of <i>N</i> -Methylmaleimide with Olefins Including Cyclic and Polar Groups. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 2312-2319.	1.1	24
122	In situ Collapse of Phase-Separated Structure by Covalent Bond Cleavage at a Branching Point upon Heating. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1950-1953.	2.0	20
123	Thermal Properties of <i>N</i> -Phenylmaleimide-Isobutene Alternating Copolymers Containing Polar Groups to Form Intermolecular and Intramolecular Hydrogen Bonding. <i>Polymer Journal</i> , 2008, 40, 736-742.	1.3	19
124	Direct observation of change in the molecular structure of benzyl (<i>Z,Z</i>)-muconate during photoisomerization in the solid state. <i>Chemical Communications</i> , 2008, , 55-57.	2.2	26
125	Thermochromism of Polydiacetylenes in the Solid State and in Solution by the Self-Organization of Polymer Chains Containing No Polar Group. <i>Macromolecules</i> , 2008, 41, 2467-2473.	2.2	73
126	Thermochromism of Polydiacetylenes Containing Robust 2D Hydrogen Bond Network of Naphthylmethylammonium Carboxylates. <i>Macromolecules</i> , 2008, 41, 6055-6065.	2.2	27

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127	Mechanistic Analysis of Solid-State Reactions by the Direct Observation of Crystal Structures. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2008, 66, 1199-1210.	0.0	1
128	Photodimerization Mechanism of Bis(3,4,5-trifluorobenzyl) (E,E)-Muconate in a Columnar Assembly in the Crystalline State. Chemistry Letters, 2007, 36, 510-511.	0.7	12
129	Thermochromism of Polydiacetylene with a Hysteresis Loop in the Solid State and in Solution. Chemistry Letters, 2007, 36, 784-785.	0.7	7
130	Molecular Arrangement and Photoreaction of Sorbamides and Hexadienyl Carbamates with Various N-Substituents in the Solid State. Crystal Growth and Design, 2007, 7, 1356-1364.	1.4	10
131	Facile Synthesis of Degradable Gels by Oxygen Cross-Linking of Polymers Including a Dienyl Group on Their Side Chain or at Chain Ends. Macromolecules, 2007, 40, 6143-6149.	2.2	23
132	Molecular Stacking and Photoreactions of Fluorine-Substituted Benzyl Muconates in the Crystals. Crystal Growth and Design, 2007, 7, 377-385.	1.4	22
133	Change in Crystal Structure and Polymerization Reactivity for the Solid-State Polymerization of Muconic Esters. Crystal Growth and Design, 2007, 7, 1078-1085.	1.4	29
134	Synthesis of Poly(lactic acid) with Branched and Network Structures Containing Thermally Degradable Junctions. Macromolecules, 2007, 40, 509-517.	2.2	25
135	Reaction Mechanism Based on X-ray Crystal Structure Analysis during the Solid-State Polymerization of Muconic Esters. Macromolecules, 2007, 40, 6048-6056.	2.2	25
136	Fluorescence from Aromatic Compounds Isolated in the Solid State by Double Intercalation Using Layered Polymer Crystals as the Host Solid. Langmuir, 2006, 22, 1943-1945.	1.6	44
137	Regiospecific Radical Polymerization of a Tetrasubstituted Ethylene Monomer with Molecular Oxygen for the Synthesis of a New Degradable Polymer. Journal of the American Chemical Society, 2006, 128, 4566-4567.	6.6	52
138	Regiospecific Structure, Degradation, and Functionalization of Polyperoxides Prepared from Sorbic Acid Derivatives with Oxygen. Macromolecules, 2006, 39, 9112-9119.	2.2	30
139	Solid-State Polymerization: Recent Development and Present Issues. Kobunshi, 2006, 55, 270-273.	0.0	2
140	Synthesis of Degradable Polymer Exhibiting LCST-type Phase Separation by Radical Copolymerization of Sorbic Esters and Molecular Oxygen. Chemistry Letters, 2006, 35, 104-105.	0.7	13
141	Stereocontrol of diene polymers by topochemical polymerization of substituted benzyl muconates and their crystallization properties. Journal of Polymer Science Part A, 2006, 44, 4952-4965.	2.5	13
142	Orientational Control of Guest Molecules in an Organic Intercalation System by Host Polymer Tacticity. Chemistry - A European Journal, 2006, 12, 2139-2146.	1.7	27
143	Supramolecular Chirality in Layered Crystals of Achiral Ammonium Salts and Fatty Acids: A Hierarchical Interpretation. Angewandte Chemie - International Edition, 2006, 45, 4142-4145.	7.2	40
144	An Organic/Inorganic Nanocomposite Consisting of Polymuconate and Silver Nanoparticles. Macromolecular Chemistry and Physics, 2006, 207, 361-369.	1.1	19

#	ARTICLE	IF	CITATIONS
145	Synthesis of New Stereoregular Host Polymers for Organic Intercalation by Solid-state Hydrolysis Using Layered Syndiotactic Polymer Crystals. <i>Chemistry Letters</i> , 2005, 34, 1442-1443.	0.7	5
146	Multicomponent Organic Alloys Based on Organic Layered Crystals. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7059-7062.	7.2	60
147	Stereospecific Radical Polymerization of Substituted Benzyl Muconates in the Solid State Under Topochemical Control. <i>Synthesis</i> , 2005, 2005, 1479-1490.	1.2	13
148	Polymer Crystal Engineering for Control of Stereochemical Structure of Polymers: Stereospecific Monomer Synthesis and Stereospecific Solid-State Polymerization. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 440, 215-222.	0.4	5
149	Two-dimensional polymer synthesis through the topochemical polymerization of alkylenediammonium muconate as a multifunctional monomer. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3922-3929.	2.5	6
150	Supramolecular Control over the Stereochemistry of Diene Polymers. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3811-3814.	7.2	46
151	Facile Synthesis of a Degradable Gel by Radical Copolymerization of Vinyl Sorbate and Molecular Oxygen. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 2451-2456.	1.1	20
152	Two-Step and Reversible Phase Transitions of Organic Polymer Crystals Produced by Topochemical Polymerization. <i>Macromolecules</i> , 2004, 37, 8538-8547.	2.2	12
153	Organic Layered Crystals with Adjustable Interlayer Distances of 1-Naphthylmethylammonium-Alkanoates and Isomerism of Hydrogen-Bond Networks by Steric Dimension. <i>Journal of the American Chemical Society</i> , 2004, 126, 1764-1771.	6.6	70
154	Single-crystal-to-Single-crystal Polymerization of 4,4-Butadienedibenzylammonium Disorbate. <i>Chemistry Letters</i> , 2004, 33, 1312-1313.	0.7	11
155	Solid-state Photopolymerization of Diacetylene-containing Carboxylates with Naphthylmethylammonium as the Counteranion in a Two-dimensional Array. <i>Chemistry Letters</i> , 2004, 33, 96-97.	0.7	14
156	Fabrication and Degradation of Polyperoxides by a Radical Chain Process under Mild Conditions. <i>Chemistry Letters</i> , 2004, 33, 732-733.	0.7	28
157	Control of Stereoregularity of Diene Polymers by Topochemical Polymerization. <i>Kobunshi Ronbunshu</i> , 2004, 61, 203-215.	0.2	1
158	Fabrication of Polymer Crystals/Ag Nanocomposite by Intercalation. <i>Chemistry Letters</i> , 2004, 33, 42-43.	0.7	6
159	Quantitative evaluation of stress distribution in bulk polymer samples through the comparison of mechanical behaviors between giant single-crystal and semicrystalline samples of poly(trans-1,4-diethyl muconate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 444-453.	2.4	24
160	Topochemical Polymerization of N-Substituted Sorbamides To Provide Thermally Stable and Crystalline Polymers. <i>Macromolecules</i> , 2003, 36, 2573-2575.	2.2	15
161	Two-Dimensional Hydrogen Bond Networks Supported by CH/π Interaction Leading to a Molecular Packing Appropriate for Topochemical Polymerization of 1,3-Diene Monomers. <i>Crystal Growth and Design</i> , 2003, 3, 247-256.	1.4	80
162	Vibrational Spectroscopic Study on the Molecular Deformation Mechanism of a Poly(trans-1,4-diethyl) Tj ETQq0 0 Q,rgBT /Overlock 10 T	2.2	19

#	ARTICLE	IF	CITATIONS
163	Polymer Structure Control Based on Crystal Engineering for Materials Design. <i>Polymer Journal</i> , 2003, 35, 93-121.	1.3	106
164	Degradable Polymers Prepared from Alkyl Sorbates and Oxygen under Atmospheric Conditions and Precise Evaluation of Their Thermal Properties. <i>Polymer Journal</i> , 2003, 35, 640-651.	1.3	37
165	A Role of Weak interaction between Naphthylmethyl Groups on Crystal Structure And Photopolymerization Reactivity of 1-Naphthylmethylammonium Salts of Unsaturated Carboxylic Acids in The Crystalline State. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 390, 11-18.	0.4	10
166	Organic Intercalation of Unsaturated Amines into Layered Polymer Crystals and Solid-State Photoreactivity of the Guest Molecules in Constrained Interlayers. <i>Polymer Journal</i> , 2003, 35, 652-661.	1.3	19
167	New Type of Green Sustainable Radical Polymerization Using Diene Monomers.. <i>Kobunshi</i> , 2003, 52, 263-267.	0.0	0
168	Intercalation and Photochemical Behavior of Azobenzene Derivatives with Layered Polymer Crystals as the Organic Host. <i>Chemistry Letters</i> , 2003, 32, 712-713.	0.7	10
169	Development of New Degradable Polymers. <i>Journal of the Adhesion Society of Japan</i> , 2003, 39, 308-315.	0.0	2
170	Solvent-Free Synthesis of Layered Polymer Crystals. <i>Polymer Journal</i> , 2002, 34, 841-846.	1.3	9
171	Thermally Induced Topochemical Polymerization of 1,3-Diene Monomers. <i>Chemistry Letters</i> , 2002, 31, 1026-1027.	0.7	7
172	Crystal Engineering for Topochemical Polymerization of Muconic Esters Using Halogen-Halogen and CH/π Interactions as Weak Intermolecular Interactions. <i>Journal of the American Chemical Society</i> , 2002, 124, 8891-8902.	6.6	180
173	First Disyndiotactic Polymer from a 1,4-Disubstituted Butadiene by Alternate Molecular Stacking in the Crystalline State. <i>Journal of the American Chemical Society</i> , 2002, 124, 9676-9677.	6.6	45
174	A Novel Organic Intercalation System with Layered Polymer Crystals as the Host Compounds Derived from 1,3-Diene Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2002, 124, 13749-13756.	6.6	53
175	Photodimerization of 2-pyridone in cocrystals with carboxylic acids using the stacking effect of naphthalene rings. <i>CrystEngComm</i> , 2002, 4, 467.	1.3	17
176	Reaction Principles and Crystal Structure Design for the Topochemical Polymerization of 1,3-Dienes. <i>Angewandte Chemie</i> , 2002, 114, 2612-2615.	1.6	25
177	Reaction Principles and Crystal Structure Design for the Topochemical Polymerization of 1,3-Dienes. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2502-2505.	7.2	107
178	Conformational Dynamics in a Methacrylate-Derived Radical: A Computational and EPR Study. <i>Macromolecules</i> , 2001, 34, 723-726.	2.2	17
179	One-way EZ-isomerization of bis(n-butylammonium) (Z,Z)-muconate under photoirradiation in the crystalline state. <i>Chemical Communications</i> , 2001, , 2004-2005.	2.2	39
180	Relationship between Packing Structure and Monomer Reactivity in the Photoinduced Solid-State Polymerizations of Muconic Diesters with Different Side Groups. <i>Journal of Physical Chemistry B</i> , 2001, 105, 4155-4165.	1.2	16

#	ARTICLE	IF	CITATIONS
181	Synchronized Propagation Mechanism for Crystalline-State Polymerization of <i>p</i> -Xylylenediammonium Disorbate. <i>Journal of the American Chemical Society</i> , 2001, 123, 12176-12181.	6.6	44
182	Comparison of Crystal Structure between Low- and High-Temperature Phases of Diethyl (Z,Z)-muconate. A Trial to Investigate the Reasons Why the Solid-State Polymerization Reaction Is Ceased at Low Temperature. <i>Polymer Journal</i> , 2001, 33, 199-203.	1.3	10
183	Stereospecific Polymerization of 1,3-Diene Monomers in the Crystalline State. <i>Progress in Reaction Kinetics and Mechanism</i> , 2001, 26, 59-109.	1.1	21
184	Vibrational spectroscopic study on the photo-induced solid-state reactions of a series of muconate diesters with various side groups. <i>Polymer</i> , 2001, 42, 6747-6757.	1.8	7
185	Topochemical Polymerization of 1,3-Diene Monomers and Features of Polymer Crystals as Organic Intercalation Materials. <i>Macromolecular Rapid Communications</i> , 2001, 22, 1195.	2.0	73
186	First example of the topochemical polymerization of the (E,E)-muconic acid derivative. <i>Macromolecular Rapid Communications</i> , 2000, 21, 40-44.	2.0	16
187	Comments on "Living Polymerization: Rationale for Uniform Terminology?" by Darling et al.. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1742-1742.	2.5	0
188	Intercalation of alkylamines into an organic polymer crystal. <i>Nature</i> , 2000, 405, 328-330.	13.7	128
189	Topochemical Polymerization of Diene Monomers in the Crystalline State to Control the Stereochemistry of the Polymers. <i>ACS Symposium Series</i> , 2000, , 93-106.	0.5	2
190	Convenient Synthesis of Polymers Containing Labile Bonds in the Main Chain by Radical Alternating Copolymerization of Alkyl Sorbates with Oxygen. <i>Macromolecules</i> , 2000, 33, 1651-1655.	2.2	60
191	Molecular Design and Polymer Structure Control Based on Polymer Crystal Engineering. Topochemical Polymerization of 1,3-Diene Mono- and Dicarboxylic Acid Derivatives Bearing a Naphthylmethylammonium Group as the Counteranion. <i>Journal of the American Chemical Society</i> , 2000, 122, 9109-9119.	6.6	74
192	Feature of β -Radiation Polymerization of Muconic Acid Derivatives in the Crystalline State. <i>Macromolecules</i> , 2000, 33, 7786-7792.	2.2	25
193	Evaluation of chain rigidity of poly(diisopropyl fumarate) from light scattering and viscosity in tetrahydrofuran. <i>European Polymer Journal</i> , 1999, 35, 2107-2113.	2.6	35
194	Radical polymerization of methyl methacrylate in the presence of magnesium bromide as the Lewis acid. <i>Journal of Applied Polymer Science</i> , 1999, 74, 290-296.	1.3	44
195	ESR study of the radicals obtained from adducts of dialkyl itaconates with bromotrichloromethane. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1969-1978.	2.5	2
196	Effects of solvent as an electron-pair acceptor on propagation reactions during radical polymerization and copolymerization of polar vinyl monomers. <i>Journal of Polymer Science Part A</i> , 1999, 37, 2803-2814.	2.5	12
197	Structure Analysis of Monomer and Polymer Crystals in the Photoinduced Solid-State Polymerization Reaction of Diethyl <i>cis,cis</i> -Muconate. <i>Macromolecules</i> , 1999, 32, 7946-7950.	2.2	50
198	Structural Change in the Topochemical Solid-State Polymerization Process of Diethyl <i>cis,cis</i> -Muconate Crystal. 1. Investigation of Polymerization Process by Means of X-ray Diffraction, Infrared/Raman Spectra, and DSC. <i>Macromolecules</i> , 1999, 32, 2449-2454.	2.2	42

#	ARTICLE	IF	CITATIONS
199	Crystal-Lattice Controlled Photopolymerization of Di(benzylammonium) (Z,Z)-Muconates. <i>Journal of the American Chemical Society</i> , 1999, 121, 11122-11129.	6.6	89
200	Topochemical Polymerization of 1-Naphthylmethylammonium Sorbate and Characterization of the Resulting Stereoregular Polymer. <i>Polymer Journal</i> , 1999, 31, 717-719.	1.3	11
201	Control of molecular weight of the polymers produced during the crystalline-state photopolymerization of diethylcis,cis-muconate as studied by gel permeation chromatography and scanning electron micrography. <i>Journal of Polymer Science Part A</i> , 1998, 36, 3147-3155.	2.5	13
202	Solid-state photopolymerization of octadecyl sorbate to yield an alternating copolymer with oxygen. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 2511-2516.	1.1	33
203	Synthesis of heat- and solvent-resistant polymers by radical polymerization of trifluoromethyl-substituted N-phenylmaleimides. <i>Journal of Applied Polymer Science</i> , 1998, 68, 1703-1708.	1.3	24
204	Crystalline-State Polymerization of Diethyl(Z,Z)-2,4-Hexadienedioate via a Radical Chain Reaction Mechanism To Yield an Ultrahigh-Molecular-Weight and Stereoregular Polymer. <i>Macromolecules</i> , 1998, 31, 2129-2136.	2.2	79
205	Controlled Synthesis of Polymers Using the Iniferter Technique: Developments in Living Radical Polymerization. , 1998, , 75-137.		149
206	Stereoregular Photopolymerization of Di(benzylammonium) Muconate in the Crystalline State. <i>Polymer Journal</i> , 1998, 30, 358-360.	1.3	14
207	Molecular Weight Control of Polymer through Radical Chain Polymerization in the Crystalline State. <i>Polymer Journal</i> , 1998, 30, 361-363.	1.3	14
208	Topochemical photopolymerization of muconic derivatives in the crystalline state via a radical chain reaction mechanism.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1998, 74, 110-115.	1.6	8
209	Evident solvent effect on propagation reactions during radical copolymerization of maleimide and alkene. <i>Journal of Polymer Science Part A</i> , 1997, 35, 1515-1525.	2.5	19
210	Thermal stability of nano-structure in polymeric Langmuir-Blodgett films studied by the energy transfer method. <i>European Polymer Journal</i> , 1997, 33, 607-614.	2.6	5
211	Stereospecific Polymerization of Dialkyl Muconates through Free Radical Polymerization: Isotropic Polymerization and Topochemical Polymerization. <i>Macromolecules</i> , 1996, 29, 423-432.	2.2	82
212	Conformational Structure of Methacrylate Radicals as Studied by Electron Spin Resonance Spectroscopy: From Small Molecule Radicals to Polymer Radicals. <i>Macromolecules</i> , 1996, 29, 3758-3772.	2.2	27
213	Kinetic study of radical polymerization of dialkyl fumarates using electron spin resonance spectroscopy. <i>Journal of Polymer Science Part A</i> , 1996, 34, 291-299.	2.5	27
214	Radical copolymerization of N-alkylmaleimides with isobutene and the properties of the resulting alternating copolymers. <i>Journal of Polymer Science Part A</i> , 1996, 34, 367-373.	2.5	48
215	Alternating copolymerization of N-(alkyl-substituted phenyl)maleimides with isobutene and thermal properties of the resulting copolymers. <i>Journal of Polymer Science Part A</i> , 1996, 34, 2499-2505.	2.5	27
216	Radical polymerization of dicyclohexyl fumarate and its derivatives as studied by electron spin resonance spectroscopy. <i>European Polymer Journal</i> , 1996, 32, 1079-1085.	2.6	8

#	ARTICLE	IF	CITATIONS
217	Kinetic study of radical polymerization of dialkyl fumarates using electron spin resonance spectroscopy. , 1996, 34, 291.		1
218	Detailed mechanism of radical high polymerization of sterically hindered dialkyl fumarates. Macromolecular Symposia, 1995, 98, 139-152.	0.4	45
219	Propagation and termination rate constants of dialkyl itaconates bearing cyclohexyl-based ester groups in radical polymerization. European Polymer Journal, 1995, 31, 121-124.	2.6	16
220	Radical polymerization behavior of 2-tert-butylcyclohexyl methacrylate. Polymer Bulletin, 1994, 33, 141-148.	1.7	13
221	A novel acrylate carrying a hindered phenol moiety as monomer and terminator in radical polymerization. Journal of Polymer Science Part A, 1994, 32, 917-928.	2.5	11
222	Radical polymerization of alkyl crotonates as 1,2-disubstituted ethylenes leading to thermally stable substituted polymethylene. Journal of Polymer Science Part A, 1994, 32, 1957-1968.	2.5	17
223	Polymerization of N-alkyl-substituted itaconimides and N-(alkyl-substituted phenyl)itaconimides and characterization of the resulting polymers. Journal of Polymer Science Part A, 1994, 32, 2073-2083.	2.5	28
224	Radical polymerization of N-substituted itaconamic esters and itaconamides. Journal of Polymer Science Part A, 1994, 32, 2085-2091.	2.5	8
225	Elucidation of mechanism for living radical polymerization of styrene with N,N-diethyldithiocarbamate derivatives as iniferters by the use of spin trapping technique. Journal of Polymer Science Part A, 1994, 32, 2241-2249.	2.5	22
226	Radical polymerization of methyl acrylate by use of benzyl N, N-diethyldithiocarbamate in combination with tetraethylthiuram disulfide as a two-component iniferter. Journal of Polymer Science Part A, 1994, 32, 2911-2918.	2.5	51
227	Stereospecific polymerisation of diethyl (Z,Z)-hexa-2,4-dienedioate in the crystalline state. Journal of the Chemical Society Chemical Communications, 1994, , 1389.	2.0	51
228	Detailed kinetic analysis of the radical polymerization of trans-4-tert-butylcyclohexyl methacrylate in benzene based on the rate constants determined by electron spin resonance spectroscopy. Macromolecules, 1994, 27, 5863-5870.	2.2	19
229	The Effect of Bulky Ester Alkyl Substituents on Rate Constants of Radical Polymerization of Dialkyl Fumarates.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1994, 70, 43-47.	1.6	5
230	Effects of the substituents on radical polymerization kinetics of n-(alkyl-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (phenol) 1225-1229.	2.6	15
231	Poly(N-n-butylitaconimide). Preparation and characterization. Journal of Polymer Science, Part B: Polymer Physics, 1993, 31, 527-535.	2.4	18
232	Monomer-isomerization radical polymerization of di-tert-butyl maleate and preparation of poly(fumaric acid) via pyrolysis. Journal of Polymer Science Part A, 1993, 31, 885-890.	2.5	5
233	Radical polymerization and copolymerization reactivities of fumarates bearing different alkyl ester groups. Journal of Polymer Science Part A, 1993, 31, 2523-2529.	2.5	16
234	Synthesis and thermal properties of poly(cycloalkyl methacrylate)s bearing bridged- and fused-ring structures. Journal of Polymer Science Part A, 1993, 31, 2531-2539.	2.5	65

#	ARTICLE	IF	CITATIONS
235	Effect of .alpha.- and .beta.-ester alkyl groups on the propagation and termination rate constants for radical polymerization of dialkyl itaconates. <i>Macromolecules</i> , 1993, 26, 3026-3029.	2.2	54
236	Radical polymerization of 4-tert-butylcyclohexyl methacrylate: polymerization kinetics and polymer properties. <i>Macromolecules</i> , 1993, 26, 1659-1665.	2.2	36
237	Propagation and Termination Rate Constants of N-tert-Alkyl- and N-Trialkylsilylmaleimides in Radical Polymerization Initiated with 2,2-azobisisobutyronitrile. <i>Polymer Journal</i> , 1993, 25, 237-243.	1.3	12
238	Polymaleimides Bearing a Readily Hydrolyzable Side Group: Synthesis and Polymerization of N-Trialkylsilylmaleimides and Characterization of the Polymers.. <i>Polymer Journal</i> , 1992, 24, 679-688.	1.3	13
239	Radical Polymerization of N-(Ethoxycarbonylphenyl) Maleimides and Characterization of the Polymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1992, 29, 831-839.	1.2	7
240	Synthesis and Radical Polymerization of Itaconates Containing an Adamantyl Ester Group. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 846-852.	2.0	15
241	Opening mode in the propagation of dialkyl fumarates and maleates as 1,2-disubstituted ethylenes in radical polymerization. <i>Macromolecules</i> , 1992, 25, 2837-2841.	2.2	20
242	Synthesis and characterization of polymers from itaconic acid derivatives. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 63, 87-104.	0.6	22
243	Steric effect of alkyl substituents on propagation rate constants of N-(2,6-dialkylphenyl)maleimides in radical polymerization. <i>Macromolecules</i> , 1992, 25, 3323-3324.	2.2	13
244	Effect of the substituents on radical copolymerization of dialkyl fumarates with some vinyl monomers. <i>Journal of Polymer Science Part A</i> , 1992, 30, 1559-1565.	2.5	43
245	Local conformation of poly(1-adamantyl methacrylate) evaluated from intrinsic viscosity. <i>Colloid and Polymer Science</i> , 1992, 270, 17-21.	1.0	13
246	Synthesis of substituted polymethylenes from acenaphthylene by radical polymerization and copolymerization. <i>Journal of Applied Polymer Science</i> , 1992, 45, 1889-1895.	1.3	7
247	Synthesis and characterization of poly(1-adamantyl methacrylate): effects of the adamantyl group on radical polymerization kinetics and thermal properties of the polymer. <i>Macromolecules</i> , 1991, 24, 4017-4024.	2.2	114
248	Gas Permeation through Poly(N-n-alkylmaleimide) Membranes. <i>Polymer Journal</i> , 1991, 23, 1371-1375.	1.3	7
249	Meso and racemo Additions in Propagation for Radical Polymerization of Dialkyl Fumarates I. Stereoregularity of Poly(dialkyl fumarate)s. <i>Polymer Journal</i> , 1991, 23, 1191-1196.	1.3	30
250	Meso and racemo Additions in Propagation for Radical Polymerization of Dialkyl Fumarates II. Determination of the Absolute Rate Constants. <i>Polymer Journal</i> , 1991, 23, 1249-1252.	1.3	35
251	Synthesis and Characterization of Thermally Stable Polymers through Anionic Polymerization of tert-Alkyl Crotonates. <i>Polymer Journal</i> , 1991, 23, 211-218.	1.3	21
252	Synthesis, Thermal Properties, and Gas Permeability of Poly(N-n-alkylmaleimide)s. <i>Polymer Journal</i> , 1991, 23, 201-209.	1.3	54

#	ARTICLE	IF	CITATIONS
253	Synthesis of Thermally Stable Vinyl Polymers from Adamantyl-Containing Acrylic Derivatives. <i>Chemistry Letters</i> , 1991, 20, 1145-1148.	0.7	22
254	Synthesis and Radical Polymerization of Adamantyl-Containing Maleic and Fumaric Esters Leading to Formation of Thermally Stable Poly(substituted methylene)s with a Rigid Chain Structure. <i>Chemistry Letters</i> , 1991, 20, 1361-1364.	0.7	6
255	¹³ C nuclear magnetic resonance study of stereoregularity in poly(dialkyl fumarate)s bearing t-butyl ester groups. <i>Polymer</i> , 1991, 32, 2741-2746.	1.8	23
256	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1991, 192, 1921-1929.	1.1	20
257	Synthesis and thermal properties of poly(adamantyl sorbate). <i>Die Makromolekulare Chemie Rapid Communications</i> , 1991, 12, 681-685.	1.1	18
258	Increase in thermal stability of vinyl polymers through radical copolymerization with N-cyclohexylmaleimide. <i>Polymer International</i> , 1991, 25, 179-184.	1.6	47
259	Synthesis of substituted polymethylenes by radical polymerization of N,N-tetraalkylfumaramides and their characterization. <i>Journal of Polymer Science Part A</i> , 1991, 29, 1697-1706.	2.5	14
260	Synthesis of substituted polymethylenes by radical polymerization of alkyl N,N-dialkylfumaramates and maleamates: Relative reactivity of the isomers. <i>Journal of Polymer Science Part A</i> , 1991, 29, 1707-1715.	2.5	9
261	Synthesis of high molecular weight poly(dialkyl fumarate)s bearing n-alkyl side chains from poly(di-tert-butyl fumarate) via olefin elimination and reesterification in a one-pot. <i>Polymer Bulletin</i> , 1991, 26, 159-164.	1.7	12
262	Reactivity in radical polymerization of N-substituted maleimides and thermal stability of the resulting polymers. <i>Polymer Bulletin</i> , 1990, 23, 43-50.	1.7	142
263	Synthesis and characterization of poly(N-tert-alkylmaleimide)s. <i>Polymer Bulletin</i> , 1990, 24, 459-466.	1.7	30
264	Synthesis and characterization of poly(N-tert-alkylmaleimide)s. <i>Polymer Bulletin</i> , 1990, 24, 467-474.	1.7	35
265	Thermal properties and gas permeability of poly(N-alkylmaleimide)s. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1990, 11, 507-512.	1.1	11
266	Dilute solution properties of semiflexible poly(substituted methylenes): intrinsic viscosity of poly(diisopropyl fumarate) in benzene. <i>Macromolecules</i> , 1990, 23, 5102-5105.	2.2	68
267	Radical polymerization of N-(alkyl-substituted phenyl)maleimides: synthesis of thermally stable polymers soluble in nonpolar solvents. <i>Macromolecules</i> , 1990, 23, 4508-4513.	2.2	211
268	Synthesis, Characterization, and Application of Poly[Substituted Methylene]S. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1988, 25, 537-554.	0.4	99
269	Novel synthesis of high molecular weight polymaleimide from N-t-butylmaleimide. <i>Journal of Polymer Science, Part C: Polymer Letters</i> , 1986, 24, 113-117.	0.7	28
270	ESR study of free radicals produced from the reaction of o-substituted phenyl methacrylates with tert-butoxy radical. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1983, 21, 2241-2247.	0.8	11

#	ARTICLE	IF	CITATIONS
271	Control of Stereochemistry of Polymers in Radical Polymerization. , 0, , 691-773.		20
272	Reactions of 1,3-Diene Compounds in the Crystalline State. Topics in Current Chemistry, 0, , 263-305.	4.0	69
273	RAFT Polymerization of 2-((tert-butoxycarbonyloxy)ethyl Methacrylate and Transformation to Functional Polymers via Deprotection and the Subsequent Polymer Reactions. Macromolecular Chemistry and Physics, 0, , 2100336.	1.1	0