

Bungo Ochiai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129
papers

2,043
citations

23
h-index

39
g-index

135
ext. papers

2,186
ext. citations

3.7
avg, IF

5.14
L-index

#	Paper	IF	Citations
129	A facile aqueous production of bisphosphonated-polyelectrolyte functionalized magnetite nanoparticles for pH-specific targeting of acidic-bone cells.. <i>RSC Advances</i> , 2022 , 12, 8043-8058	3.7	0
128	Synthesis of a Highly Selective Scavenger of Precious Metals from a Printed Circuit Board Based on Cellulose Filter Paper Functionalized with a Grafted Polymer Chain Bearing -Methyl-2-hydroxyethylcarbamothioate Moieties.. <i>ACS Omega</i> , 2022 , 7, 10355-10364	3.9	0
127	Synthesis of Bismuth-Containing Polymer Films with High Refractive Index and X-ray Shielding Property by Radical Polymerization of Styrylbismuthine Derivatives.. <i>ACS Macro Letters</i> , 2022 , 723-726	6.6	1
126	Synthesis and Selective Au(III) Adsorption of Ureido Polymers Containing Large Repeating Rings. <i>ACS Omega</i> , 2021 , 6, 28004-28011	3.9	0
125	Biogenic Synthesis and Catalytic Efficacy of Silver Nanoparticles Based on Peel Extracts of Fruit. <i>ACS Omega</i> , 2021 , 6, 18260-18268	3.9	6
124	Kojic Acid as Green Modifier for Oxidation Inhibition of Copper. <i>Chemistry Letters</i> , 2021 , 50, 1407-1408	1.7	
123	Green synthesis of crystalline bismuth nanoparticles using lemon juice.. <i>RSC Advances</i> , 2021 , 11, 26683-26686	5.6	2
122	Transparent and Photochromic Material Prepared by Copolymerization of Bismuth(III) Methacrylate. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 4419-4423	4.3	2
121	Lemon Juice Assisted Green Synthesis of Reduced Graphene Oxide and Its Application for Adsorption of Methylene Blue. <i>Technologies</i> , 2021 , 9, 96	2.4	1
120	Thermo-Reversible Gelation of Aqueous Hydrazine for Safe Storage of Hydrazine. <i>Technologies</i> , 2020 , 8, 53	2.4	
119	Selective Ag ⁺ Adsorption of Ureido Polymer Prepared by Cyclopolymerization Giving Large Ring Repeating Units. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 1417-1421	4.3	5
118	A facile one-pot synthesis of poly(acrylic acid)-functionalized magnetic iron oxide nanoparticles for suppressing reactive oxygen species generation and adsorption of biocatalyst. <i>Materials Research Express</i> , 2020 , 7, 016102	1.7	4
117	A simple in situ synthesis of iron oxide magnetic nanoparticles embedded in thermosensitive polymer for DNA capture. <i>Journal of Materials Research</i> , 2020 , 35, 2441-2450	2.5	1
116	Green Synthesis and Catalytic Activity of Silver Nanoparticles Based on Stem Extracts. <i>Nanomaterials</i> , 2020 , 10,	5.4	22
115	Detailed Study on Rapid Removal of Cationic Dyes Using TiO ₂ -Poly(3-Chloro-2-Hydroxypropyl Methacrylate) Nanocomposite. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B3240-B3245	3.9	1
114	Milling in Seconds Accelerates Acetylation of Cellulose in Hours. <i>ACS Omega</i> , 2019 , 4, 17542-17546	3.9	3
113	Selective capture of Pd ²⁺ by graft copolymer bearing LCST graft chain and metal adsorbing stem chain. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 2383-2386	2.5	1

112	pH-Responsive Charge-Conversional and Hemolytic Activities of Magnetic Nanocomposite Particles for Cell-Targeted Hyperthermia. <i>ACS Omega</i> , 2018 , 3, 961-972	3.9	11
111	Communication Synthesis of Fluorine-Free Highly Ion Conductive Polymer Electrolyte Having Lithium Bissulfonimide Unit. <i>Journal of the Electrochemical Society</i> , 2018 , 165, B3119-B3121	3.9	3
110	Conductive Polymer-Ag Honeycomb Thin Film: The Factors Affecting the Complexity of the Microstructure. <i>Journal of the Electrochemical Society</i> , 2018 , 165, B3030-B3034	3.9	21
109	Fabrication and hemocompatibility of carboxy-chitosan stabilized magnetite nanoparticles. <i>Microsystem Technologies</i> , 2018 , 24, 669-681	1.7	8
108	Selective recovery of Au(III), Pd(II), and Ag(I) from printed circuit boards using cellulose filter paper grafted with polymer chains bearing thiocarbamate moieties. <i>Microsystem Technologies</i> , 2018 , 24, 683-690	1.7	20
107	Alignment of Ag nanoparticles with graft copolymer bearing thiocarbonyl moieties. <i>Microsystem Technologies</i> , 2018 , 24, 605-611	1.7	12
106	Preparation of TiO ₂ -Poly(3-Chloro-2-Hydroxypropyl Methacrylate) Nanocomposite for Selective Adsorption and Degradation of Dyes. <i>Technologies</i> , 2018 , 6, 92	2.4	7
105	Reversible Gelation System for Hydrazine Based on Polymer Absorbent. <i>Technologies</i> , 2018 , 6, 80	2.4	1
104	Synthesis of Hydrophilic Sulfur-Containing Adsorbents for Noble Metals Having Thiocarbonyl Group Based on a Methacrylate Bearing Dithiocarbonate Moieties. <i>Advances in Materials Science and Engineering</i> , 2018 , 2018, 1-8	1.5	5
103	Synthesis of a Selective Scavenger for Ag(I), Pd(II), and Au(III) Based on Cellulose Filter Paper Grafted with Polymer Chains Bearing Thiocarbamate Moieties. <i>Chemistry Letters</i> , 2017 , 46, 492-494	1.7	16
102	One-Pot Fabrication of Hollow Polymer@Ag Nanospheres for Printable Translucent Conductive Coatings. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1601198	4.6	23
101	Cyclopolymerization of a bisacrylate through selective formation of a 19-membered ring. <i>Polymer Journal</i> , 2016 , 48, 859-862	2.7	6
100	Fabrication of Polymer-Ag Honeycomb Hybrid Film by Metal Complexation Induced Phase Separation at the Air/Water Interface. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 1026-1031	3.9	23
99	Zinc bis(allyldithiocarbamate) for highly refractive and flexible materials via the thiol-ene reaction. <i>Polymer Journal</i> , 2016 , 48, 1059-1064	2.7	4
98	Development of Hierarchical Polymer@Pd Nanowire-Network: Synthesis and Application as Highly Active Recyclable Catalyst and Printable Conductive Ink. <i>ChemistryOpen</i> , 2016 , 5, 213-8	2.3	28
97	One-Pot Synthesis of Organic-Sulfur-Zinc Hybrid Materials via Polycondensation of a Zinc Salt and Thiols Generated in Situ from Cyclic Dithiocarbonates. <i>Molecules</i> , 2015 , 20, 15049-59	4.8	2
96	Facile Synthesis of Glycidates via Oxidation of Acrylates with Aqueous Solution of NaOCl in the Presence of Ammonium Salts. <i>Heterocycles</i> , 2014 , 89, 487	0.8	2
95	Synthesis and properties of polyhydroxyurethane bearing silicone backbone. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1113-1118	2.5	45

94	Organic-sulfur-zinc hybrid nanoparticle for optical applications synthesized via polycondensation of trithiol and Zn(OAc) ₂ . <i>Nanoscale Research Letters</i> , 2013 , 8, 373	5	6
93	Non-isocyanate synthesis and application of telechelic polyurethanes via polycondensation of diurethanes obtained from ethylene carbonate and diamines. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 525-533	2.5	59
92	Synthesis of poly(1-oxodimethylene) via oxidation of poly(vinyl alcohol) with a hydrogen peroxide/hydrobromic acid system and metal complexation behavior of poly(1-oxodimethylene). <i>Journal of Polymer Science Part A</i> , 2013 , 51, 2598-2605	2.5	
91	Formation of flat, homogeneous surfaces of organized molecular films of three-armed polymerizable amphiphiles with metal-scavenging properties. <i>Langmuir</i> , 2012 , 28, 10830-7	4	3
90	Branched cationic polyurethane prepared by polyaddition of chloromethylated five-membered cyclic carbonate and diethylenetriamine in molten salts. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 47-51	2.5	17
89	Synthesis of graft terpolymers by addition reaction of amino-terminated polyether to poly(methacrylate)s bearing five-membered cyclic dithiocarbonate moieties and application of the graft terpolymers as modifiers for wool. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 3259-3268	2.5	4
88	Synthesis and Fe(III)-complexation ability of polyurethane bearing kojic acid skeleton in the main chain prepared by polyaddition of aliphatic hydroxyl groups without protection of phenolic hydroxyl groups. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 3493-3498	2.5	5
87	Recyclable Pd catalysts supported on polymers bearing azine moieties. <i>Reactive and Functional Polymers</i> , 2011 , 71, 791-795	4.6	5
86	Solid-state Structure and Formation of Organized Films for Three-arm Amphiphilic Polymer with Metal-Scavenging Property. <i>Transactions of the Materials Research Society of Japan</i> , 2011 , 36, 153-156	0.2	1
85	Chiral interaction between aromatic aldehydes and a polymer bearing large chiral rings obtained by cyclopolymerization of bisacrylamide. <i>Polymer Journal</i> , 2010 , 42, 138-141	2.7	2
84	Effect of metal triflates on direct polycondensation of lactic acid. <i>Polymer Bulletin</i> , 2010 , 64, 435-443	2.4	10
83	Synthesis of refractive star-shaped polysulfide by anionic polymerization of phenoxy propylene sulfide using an initiating system consisting of trifunctional thiol derived from five-membered cyclic dithiocarbonate and amine. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 525-531	2.5	8
82	Synthesis of well-defined and end-polymerizable star-shaped polysulfides and their application to negative photoresist. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4385-4392	2.5	4
81	Dispersion polymerization accompanied by CO ₂ fixation: Synthesis of particles of polymers bearing cyclic carbonate and epoxide moieties. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 5382-5390	2.5	4
80	Anionic polymerization of methacrylates by samarium (III) enolate on networked polystyrene: Effects of its sterically confined environment on polymerization behavior. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 1510-1521	2.5	
79	Facile synthesis of polymers bearing cyclic carbonate structure through radical solution and precipitation polymerizations accompanied by concurrent carbon dioxide fixation. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 3170-3176	2.5	14
78	Polyaddition of bifunctional cyclic carbonate with diamine in ionic liquids: In situ ion composite formation and simple separation of ionic liquid. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 4629-4635	2.5	18
77	One-Pot Synthesis of Graft Copolymer by Combination of Free Radical Polymerization and Polyaddition. <i>Macromolecules</i> , 2009 , 42, 8001-8002	5.5	11

76	Synthesis of rare-metal absorbing polymer by three-component polyaddition through combination of chemo-selective nucleophilic and radical additions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1636-7	16.4	57
75	Reversible TrapRelease of CO ₂ by Polymers Bearing DBU and DBN Moieties. <i>Macromolecules</i> , 2008 , 41, 1229-1236	5.5	87
74	Controlled cyclopolymerization through quantitative 19-membered ring formation. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10832-3	16.4	45
73	Cationic ring-opening copolymerization behavior of trioxane and seven-membered cyclic carbonate. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 733-739	2.5	7
72	Thermally latent polyaddition and curing of Di- and tri-functional hemiacetal esters with diepoxide by salen-zinc complex with tunable catalytic activity and model and networking reactions. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1427-1439	2.5	8
71	Solid-supported synthesis of well-defined amphiphilic block copolymer from methacrylates. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1990-1997	2.5	6
70	Thermally latent reaction of hemiacetal ester with epoxide catalyzed by recyclable polymeric catalyst consisting of salen-zinc complex and polyurethane main chain. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3673-3681	2.5	6
69	Thermally latent synthesis of networked polymers from multifunctional hemiacetal ester and diepoxide catalyzed by Schiff-base-zinc chloride complex. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3682-3689	2.5	2
68	Fixing Carbon Dioxide Concurrently with Radical Polymerization for Utilizing Carbon Dioxide by Low-Energy Cost. <i>Macromolecules</i> , 2008 , 41, 9937-9939	5.5	17
67	Metal-Free Ring-Opening Polymerization of Glycidyl Phenyl Ether by Tetrabutylammonium Fluoride. <i>Macromolecules</i> , 2007 , 40, 6014-6016	5.5	25
66	Ring-opening grafting polymerization of cyclic monomers onto human hair. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 736-744	2.5	3
65	Infrared thermographic analysis on copolymerization of spiroorthoester with oxetane. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 1388-1393	2.5	3
64	Novel analytical method for the crosslinking process: Infrared thermographic analysis of the thermally latent cationic polymerization of a spiroorthoester and a bifunctional oxetane for the construction of a low-shrinkage curing system. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 2820-2826	2.5	5
63	Computational evaluation of radical ring-opening polymerization. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 2827-2834	2.5	16
62	Model reaction for thermally latent curing through addition of hemiacetal ester and epoxide by schiff-basezinc halide complexes. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3370-3379	2.5	5
61	Crosslinkable polyurethane bearing a methacrylate structure in the side chain. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3400-3407	2.5	17
60	Synthesis and properties of polyurethanes bearing urethane moieties in the side chain. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3408-3414	2.5	32
59	Polymer-supported pyridinium catalysts for synthesis of cyclic carbonate by reaction of carbon dioxide and oxirane. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 5673-5678	2.5	29

58	Synthesis and properties of polymethacrylate bearing cyclic carbonate through urethane linkage. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 5781-5789	2.5	14
57	Design of Latent Accelerators for Thermally Latent (Poly)addition of Epoxide with Hemiacetal Ester. <i>Macromolecular Symposia</i> , 2007 , 249-250, 417-423	0.8	2
56	Thermally latent reaction of hemiacetal ester with epoxide controlled by Schiff-base zinc chloride complexes with tunable catalytic activity. <i>Journal of Molecular Catalysis A</i> , 2007 , 273, 289-297		21
55	Non-Shrinking Networked Materials from the Cross-Linking Copolymerization of Spiroorthocarbonate with Bifunctional Oxetane. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 921-925	4.8	22
54	Mild and Efficient One-Step Synthesis of Trithiocarbonates Using Minimum Amount of CS ₂ . <i>Synlett</i> , 2006 , 2006, 0636-0638	2.2	4
53	Chiroptical inversion induced by sandwiching units in chiral polythiourethane. <i>Chemical Communications</i> , 2006 , 1515-7	5.8	
52	Selective gas-solid phase fixation of carbon dioxide into oxirane-containing polymers: synthesis of polymer bearing cyclic carbonate group. <i>Green Chemistry</i> , 2006 , 8, 138	10	21
51	Synthesis of Polymers from Carbon Dioxide and Carbon Disulfide. <i>Kobunshi Ronbunshu</i> , 2006 , 63, 519-528		1
50	Synthesis and properties of poly(carbonate-co-ester)s obtained by cationic ring-opening copolymerization of spiroorthocarbonate and ϵ -caprolactone. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 2937-2942	2.5	7
49	Sequence-controlled cationic ring-opening copolymerization of spiroorthocarbonate and oxetane. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 3233-3241	2.5	10
48	Synthesis and properties of poly(carbonate-urethane) consisting of alternating carbonate and urethane moieties. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 2802-2808	2.5	14
47	Copolymers containing a spiro orthoester moiety that undergo no shrinkage during cationic crosslinking. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 3666-3673	2.5	15
46	Anionic grafting polymerization of propylene sulfide onto human hair in water. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 3778-3786	2.5	6
45	Matrix-assisted laser desorption/ionization time-of-flight mass spectroscopic analysis of telechelic polythiourethanes obtained by the cationic ring-opening polymerization of six-membered cyclic thiourethane. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 4281-4289	2.5	10
44	Synthesis and properties of the polythiourethanes obtained by the cationic ring-opening polymerization of cyclic thiourethanes. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 4795-4803	2.5	11
43	Infrared thermography analysis of the thermally latent polymerization of 3-ethyl-3-phenoxy-methyloxetane. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5519-5524	2.5	5
42	Synthesis and properties of star-shaped polymers by the ring-opening polymerization of cyclic carbonate initiated with a trifunctional, poly(ethylene glycol)-based surfactant. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6633-6639	2.5	11
41	Synthesis of copolymers containing a spiro orthocarbonate moiety and evaluation of the volume change during their cationic crosslinking. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 7040-7053	2.5	11

40	Synthesis and characterization of block copolymers by metal- and solvent-free ring-opening polymerization of cyclic carbonates initiated from PEG-based surfactants. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 1985-1996	2.5	18
39	Synthesis and properties of novel polysulfone bearing exomethylene structure. <i>European Polymer Journal</i> , 2006 , 42, 1934-1938	5.2	3
38	Nucleophilic polyaddition in water based on chemo-selective reaction of cyclic carbonate with amine. <i>Green Chemistry</i> , 2005 , 7, 765	10	68
37	Synthesis and Chemical Recycling of a Polycarbonate Obtained by Anionic Ring-Opening Polymerization of a Bifunctional Cyclic Carbonate. <i>Macromolecules</i> , 2005 , 38, 8177-8182	5.5	53
36	Efficient Chemical Recycling System of Networked Polymer: De-Cross-Linking of Cross-Linked Polymer Obtained from Bis(five-membered cyclic dithiocarbonate). <i>Macromolecules</i> , 2005 , 38, 4065-4066	5.5	17
35	Efficient Gas/Solid Phase Reaction of Atmospheric Carbon Dioxide into Copolymers with Pendent Oxirane Groups: Effect of Comonomer Component and Catalyst on Incorporation Behavior. <i>Macromolecules</i> , 2005 , 38, 9939-9943	5.5	18
34	Cyclopolymerization of Bisacrylamide Derived from β -Pinene through Larger Chiral Ring Formation. <i>Macromolecules</i> , 2005 , 38, 2547-2549	5.5	19
33	Carbon dioxide and carbon disulfide as resources for functional polymers. <i>Progress in Polymer Science</i> , 2005 , 30, 183-215	29.6	194
32	Kinetic and computational studies on aminolysis of bicyclic carbonates bearing alicyclic structure giving alicyclic hydroxyurethanes. <i>Tetrahedron</i> , 2005 , 61, 1835-1838	2.4	25
31	Radical polymerization behavior of a vinyl monomer bearing five-membered cyclic carbonate structure and reactions of the obtained polymers with amines. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 584-592	2.5	25
30	Cationic polymerization of seven-membered cyclic monothiocarbonate 1,3-dioxepan-2-thione. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 1014-1018	2.5	12
29	Observation of optical activity in polythiourethane obtained by the controlled cationic ring-opening polymerization of chiral cyclic thiourethane derived from serine. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 1554-1561	2.5	7
28	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry study on copolymers obtained by the alternating copolymerization of bis(lactone) and epoxide with potassium tert-butoxide. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 2643-2649	2.5	12
27	Synthesis of novel core-crosslinked graft copolymers from crosslinked poly(mercapto-thiourethane). <i>Journal of Polymer Science Part A</i> , 2005 , 43, 5097-5102	2.5	4
26	Synthesis of well-defined three-armed polystyrene having thiourethane/isocyanurate as the core structure derived from trifunctional five-membered cyclic dithiocarbonate. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 5498-5505	2.5	22
25	Synthesis and crosslinking reaction of poly(hydroxyurethane) bearing a secondary amine structure in the main chain. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 5899-5905	2.5	31
24	Salt effect on polyaddition of bifunctional cyclic carbonate and diamine. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 6282-6286	2.5	62
23	One-pot non-isocyanate synthesis of polyurethanes from bisepoxide, carbon dioxide, and diamine. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 6613-6618	2.5	99

22	Chemical Modification of Novel Alkyne-Containing Polymers Obtained by Radical Polymerization of Conjugated Enynes. <i>Polymer Bulletin</i> , 2004 , 51, 263-269	2.4	9
21	Solid-phase incorporation of gaseous carbon dioxide into oxirane-containing copolymers. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 3812-3817	2.5	14
20	Direct incorporation of gaseous carbon dioxide into solid-state copolymer containing oxirane and quaternary ammonium halide structure as self-catalytic function. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4941-4947	2.5	15
19	Facile synthesis and crosslinking reaction of trifunctional five-membered cyclic carbonate and dithiocarbonate. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 5983-5989	2.5	31
18	Star-Shaped Polymer Synthesis by Anionic Polymerization of Propylene Sulfide Based on Trifunctional Initiator Derived from Trifunctional Five-Membered Cyclic Dithiocarbonate. <i>Macromolecules</i> , 2004 , 37, 8823-8824	5.5	28
17	Cationic Ring-Opening Polymerization of Optically Active N-Substituted Cyclic Thiourethanes. <i>Macromolecules</i> , 2004 , 37, 7538-7542	5.5	12
16	Synthesis and Radical Polymerization of a Novel Macromonomer Obtained by Living Cationic Ring-Opening Polymerization of an Optically Active Cyclic Thiourethane by a New Initiator Carrying Styryl Group. <i>Macromolecules</i> , 2004 , 37, 4417-4421	5.5	12
15	Controlled Cationic Ring-Opening Polymerization of a Six-Membered Cyclic Thiourethane. <i>Macromolecules</i> , 2004 , 37, 3523-3525	5.5	15
14	A Facile Synthesis of N-Carboxyanhydrides and Poly(Amino acid) Using Di-tert-butyltricarboxylate. <i>Macromolecules</i> , 2004 , 37, 2332-2334	5.5	30
13	Novel Anionic Ring-Opening Polymerization of Seven-Membered Monothiocarbonate Depending on Initiators. <i>Macromolecules</i> , 2004 , 37, 2329-2331	5.5	7
12	A Novel Construction of a Reversible Fixation/Release System of Carbon Dioxide by Amidines and Their Polymers. <i>Macromolecules</i> , 2004 , 37, 2007-2009	5.5	87
11	Living cationic ring-opening polymerization by water-stable initiator: synthesis of a well-defined optically active polythiourethane. <i>Chemical Communications</i> , 2003 , 3018-9	5.8	16
10	Living Anionic Polymerization of 2-Methyl-4-phenyl-1-buten-3-yne. <i>Macromolecular Rapid Communications</i> , 2002 , 23, 493	4.8	16
9	Radical Copolymerization of 2,4-Disubstituted Enynes with Electron-Accepting Comonomers. <i>Macromolecules</i> , 2002 , 35, 597-601	5.5	3
8	Thermal crosslinking of acetylene-containing polymers obtained by radical polymerization of aromatic enynes. <i>Polymer</i> , 2001 , 42, 8581-8586	3.9	5
7	Anionic polymerization of 4-phenyl-1-buten-3-yne derivatives bearing electron-withdrawing groups. <i>Journal of Polymer Science Part A</i> , 2001 , 39, 1016-1023	2.5	4
6	Coordination Polymerization of a Conjugated Enyne: Synthesis of a Novel Polyacetylene Derivative Bearing Conjugated Double Bond Moieties. <i>Macromolecular Rapid Communications</i> , 2001 , 22, 1485	4.8	4
5	Radical Polymerization Behavior of 4-Monosubstituted and 2,4-Disubstituted Enynes. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 3099-3105	2.6	7

4	Investigation on Radical Polymerization Behavior of 4-Substituted Aromatic Enynes. Experimental, ESR, and Computational Studies ¹ . <i>Macromolecules</i> , 2001 , 34, 1634-1639	5.5	7
3	The Living Polymerization of Conjugated Enyne Derivative: Anionic Polymerization of 4-Phenyl-1-buten-3-yne. <i>Macromolecules</i> , 1999 , 32, 238-240	5.5	10
2	Selective Radical Vinyl Polymerization of 4-Phenyl-1-buten-3-yne: Synthesis of a Novel Acetylene-Containing Polymer. <i>Chemistry Letters</i> , 1998 , 27, 563-564	1.7	7
1	Synthesis of Poly(Carbon Sulfide)s by Electroreductive Polymerization of Carbon Disulfide. <i>Chemistry Letters</i> ,	1.7	1