Bungo Ochiai

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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	Carbon dioxide and carbon disulfide as resources for functional polymers. *Progress in Polymer Science*, **2005**, 30, 183-215	29.6	194
128	One-pot non-isocyanate synthesis of polyurethanes from bisepoxide, carbon dioxide, and diamine. *Journal of Polymer Science Part A*, **2005**, 43, 6613-6618	2.5	99
127	Reversible Trap□Release of CO2 by Polymers Bearing DBU and DBN Moieties. *Macromolecules*, **2008**, 41, 1229-1236	5.5	87
126	A Novel Construction of a Reversible Fixation□Release System of Carbon Dioxide by Amidines and Their Polymers. *Macromolecules*, **2004**, 37, 2007-2009	5.5	87
125	Nucleophilic polyaddition in water based on chemo-selective reaction of cyclic carbonate with amine. *Green Chemistry*, **2005**, 7, 765	10	68
124	Salt effect on polyaddition of bifunctional cyclic carbonate and diamine. *Journal of Polymer Science Part A*, **2005**, 43, 6282-6286	2.5	62
123	Non-isocyanate synthesis and application of telechelic polyurethanes via polycondensation of diurethanes obtained from ethylene carbonate and diamines. *Journal of Polymer Science Part A*, **2013**, 51, 525-533	2.5	59
122	Synthesis of rare-metal absorbing polymer by three-component polyaddition through combination of chemo-selective nucleophilic and radical additions. *Journal of the American Chemical Society*, **2009**, 131, 1636-7	16.4	57
121	Synthesis and Chemical Recycling of a Polycarbonate Obtained by Anionic Ring-Opening Polymerization of a Bifunctional Cyclic Carbonate. *Macromolecules*, **2005**, 38, 8177-8182	5.5	53
120	Synthesis and properties of polyhydroxyurethane bearing silicone backbone. *Journal of Polymer Science Part A*, **2014**, 52, 1113-1118	2.5	45
119	Controlled cyclopolymerization through quantitative 19-membered ring formation. *Journal of the American Chemical Society*, **2008**, 130, 10832-3	16.4	45
118	Synthesis and properties of polyurethanes bearing urethane moieties in the side chain. *Journal of Polymer Science Part A*, **2007**, 45, 3408-3414	2.5	32
117	Facile synthesis and crosslinking reaction of trifunctional five-membered cyclic carbonate and dithiocarbonate. *Journal of Polymer Science Part A*, **2004**, 42, 5983-5989	2.5	31
116	Synthesis and crosslinking reaction of poly(hydroxyurethane) bearing a secondary amine structure in the main chain. *Journal of Polymer Science Part A*, **2005**, 43, 5899-5905	2.5	31
115	A Facile Synthesis of N-Carboxyanhydrides and Poly(□-amino acid) Using Di-tert-butyltricarbonate. *Macromolecules*, **2004**, 37, 2332-2334	5.5	30
114	Polymer-supported pyridinium catalysts for synthesis of cyclic carbonate by reaction of carbon dioxide and oxirane. *Journal of Polymer Science Part A*, **2007**, 45, 5673-5678	2.5	29
113	Star-Shaped Polymer Synthesis by Anionic Polymerization of Propylene Sulfide Based on Trifunctional Initiator Derived from Trifunctional Five-Membered Cyclic Dithiocarbonate. *Macromolecules*, **2004**, 37, 8823-8824	5.5	28

112	Development of Hierarchical Polymer@Pd Nanowire-Network: Synthesis and Application as Highly Active Recyclable Catalyst and Printable Conductive Ink. *ChemistryOpen*, **2016**, 5, 213-8	2.3	28
111	Metal-Free Ring-Opening Polymerization of Glycidyl Phenyl Ether by Tetrabutylammonium Fluoride. *Macromolecules*, **2007**, 40, 6014-6016	5.5	25
110	Kinetic and computational studies on aminolysis of bicyclic carbonates bearing alicyclic structure giving alicyclic hydroxyurethanes. *Tetrahedron*, **2005**, 61, 1835-1838	2.4	25
109	Radical polymerization behavior of a vinyl monomer bearing five-membered cyclic carbonate structure and reactions of the obtained polymers with amines. *Journal of Polymer Science Part A*, **2005**, 43, 584-592	2.5	25
108	One-Pot Fabrication of Hollow Polymer@Ag Nanospheres for Printable Translucent Conductive Coatings. *Advanced Materials Interfaces*, **2017**, 4, 1601198	4.6	23
107	Fabrication of Polymer-Ag Honeycomb Hybrid Film by Metal Complexation Induced Phase Separation at the Air/Water Interface. *Macromolecular Materials and Engineering*, **2016**, 301, 1026-1031	3.9	23
106	Non-Shrinking Networked Materials from the Cross-Linking Copolymerization of Spiroorthocarbonate with Bifunctional Oxetane. *Macromolecular Rapid Communications*, **2006**, 27, 921-925	4.8	22
105	Synthesis of well-defined three-armed polystyrene having thiourethane isocyanurate as the core structure derived from trifunctional five-membered cyclic dithiocarbonate. *Journal of Polymer Science Part A*, **2005**, 43, 5498-5505	2.5	22
104	Green Synthesis and Catalytic Activity of Silver Nanoparticles Based on Stem Extracts. *Nanomaterials*, **2020**, 10,	5.4	22
103	Conductive Polymer-Ag Honeycomb Thin Film: The Factors Affecting the Complexity of the Microstructure. *Journal of the Electrochemical Society*, **2018**, 165, B3030-B3034	3.9	21
102	Thermally latent reaction of hemiacetal ester with epoxide controlled by Schiff-base zinc chloride complexes with tunable catalytic activity. *Journal of Molecular Catalysis A*, **2007**, 273, 289-297		21
101	Selective gas solid phase fixation of carbon dioxide into oxirane-containing polymers: synthesis of polymer bearing cyclic carbonate group. *Green Chemistry*, **2006**, 8, 138	10	21
100	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. *Microsystem Technologies*, **2018**, 24, 683-690	1.7	20
99	Cyclopolymerization of Bisacrylamide Derived from Pinene through Larger Chiral Ring Formation. *Macromolecules*, **2005**, 38, 2547-2549	5.5	19
98	Polyaddition of bifunctional cyclic carbonate with diamine in ionic liquids: In situ ion composite formation and simple separation of ionic liquid. *Journal of Polymer Science Part A*, **2009**, 47, 4629-4635	2.5	18
97	Efficient Gas Solid Phase Reaction of Atmospheric Carbon Dioxide into Copolymers with Pendent Oxirane Groups: Effect of Comonomer Component and Catalyst on Incorporation Behavior. *Macromolecules*, **2005**, 38, 9939-9943	5.5	18
96	Synthesis and characterization of block copolymers by metal- and solvent-free ring-opening polymerization of cyclic carbonates initiated from PEG-based surfactants. *Journal of Polymer Science Part A*, **2006**, 44, 1985-1996	2.5	18
95	Branched cationic polyurethane prepared by polyaddition of chloromethylated five-membered cyclic carbonate and diethylenetriamine in molten salts. *Journal of Polymer Science Part A*, **2012**, 50, 47-51	2.5	17

94	Crosslinkable polyurethane bearing a methacrylate structure in the side chain. *Journal of Polymer Science Part A*, **2007**, 45, 3400-3407	2.5	17
93	Fixing Carbon Dioxide Concurrently with Radical Polymerization for Utilizing Carbon Dioxide by Low-Energy Cost. *Macromolecules*, **2008**, 41, 9937-9939	5.5	17
92	Efficient Chemical Recycling System of Networked Polymer:□De-Cross-Linking of Cross-Linked Polymer Obtained from Bis(five-membered cyclic dithiocarbonate). *Macromolecules*, **2005**, 38, 4065-4068	5.5	17
91	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. *Chemistry Letters*, **2017**, 46, 492-494	1.7	16
90	Computational evaluation of radical ring-opening polymerization. *Journal of Polymer Science Part A*, **2007**, 45, 2827-2834	2.5	16
89	Living Anionic Polymerization of 2-Methyl-4- phenyl-1-buten-3-yne. *Macromolecular Rapid Communications*, **2002**, 23, 493	4.8	16
88	Living cationic ring-opening polymerization by water-stable initiator: synthesis of a well-defined optically active polythiourethane. *Chemical Communications*, **2003**, 3018-9	5.8	16
87	Copolymers containing a spiro orthoester moiety that undergo no shrinkage during cationic crosslinking. *Journal of Polymer Science Part A*, **2006**, 44, 3666-3673	2.5	15
86	Direct incorporation of gaseous carbon dioxide into solid-state copolymer containing oxirane and quaternary ammonium halide structure as self-catalytic function. *Journal of Polymer Science Part A*, **2004**, 42, 4941-4947	2.5	15
85	Controlled Cationic Ring-Opening Polymerization of a Six-Membered Cyclic Thiourethane. *Macromolecules*, **2004**, 37, 3523-3525	5.5	15
84	Facile synthesis of polymers bearing cyclic carbonate structure through radical solution and precipitation polymerizations accompanied by concurrent carbon dioxide fixation. *Journal of Polymer Science Part A*, **2009**, 47, 3170-3176	2.5	14
83	Synthesis and properties of polymethacrylate bearing cyclic carbonate through urethane linkage. *Journal of Polymer Science Part A*, **2007**, 45, 5781-5789	2.5	14
82	Synthesis and properties of poly(carbonate-urethane) consisting of alternating carbonate and urethane moieties. *Journal of Polymer Science Part A*, **2006**, 44, 2802-2808	2.5	14
81	Solid-phase incorporation of gaseous carbon dioxide into oxirane-containing copolymers. *Journal of Polymer Science Part A*, **2004**, 42, 3812-3817	2.5	14
80	Alignment of Ag nanoparticles with graft copolymer bearing thiocarbonyl moieties. *Microsystem Technologies*, **2018**, 24, 605-611	1.7	12
79	Cationic Ring-Opening Polymerization of Optically Active N-Substituted Cyclic Thiourethanes. *Macromolecules*, **2004**, 37, 7538-7542	5.5	12
78	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. *Macromolecules*, **2004**, 37, 4417-4421	5.5	12
77	Cationic polymerization of seven-membered cyclic monothiocarbonate 1,3-dioxepan-2-thione. *Journal of Polymer Science Part A*, **2005**, 43, 1014-1018	2.5	12

76	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. *Journal of Polymer Science Part A*, **2005**, 43, 2643-2649	2.5	12
75	pH-Responsive Charge-Conversional and Hemolytic Activities of Magnetic Nanocomposite Particles for Cell-Targeted Hyperthermia. *ACS Omega*, **2018**, 3, 961-972	3.9	11
74	One-Pot Synthesis of Graft Copolymer by Combination of Free Radical Polymerization and Polyaddition. *Macromolecules*, **2009**, 42, 8001-8002	5.5	11
73	Synthesis and properties of the polythiourethanes obtained by the cationic ring-opening polymerization of cyclic thiourethanes. *Journal of Polymer Science Part A*, **2006**, 44, 4795-4803	2.5	11
72	Synthesis and properties of star-shaped polymers by the ring-opening polymerization of cyclic carbonate initiated with a trifunctional, poly(ethylene glycol)-based surfactant. *Journal of Polymer Science Part A*, **2006**, 44, 6633-6639	2.5	11
71	Synthesis of copolymers containing a spiro orthocarbonate moiety and evaluation of the volume change during their cationic crosslinking. *Journal of Polymer Science Part A*, **2006**, 44, 7040-7053	2.5	11
70	Effect of metal triflates on direct polycondensation of lactic acid. *Polymer Bulletin*, **2010**, 64, 435-443	2.4	10
69	Sequence-controlled cationic ring-opening copolymerization of spiroorthocarbonate and oxetane. *Journal of Polymer Science Part A*, **2006**, 44, 3233-3241	2.5	10
68	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. *Journal of Polymer Science Part A*, **2006**, 44, 4281-4289	2.5	10
67	The Living Polymerization of Conjugated Enyne Derivative: Anionic Polymerization of 4-Phenyl-1-buten-3-yne. *Macromolecules*, **1999**, 32, 238-240	5.5	10
66	Chemical Modification of Novel Alkyne-Containing Polymers Obtained by Radical Polymerization of Conjugated Enynes. *Polymer Bulletin*, **2004**, 51, 263-269	2.4	9
65	Fabrication and hemocompatibility of carboxy-chitosan stabilized magnetite nanoparticles. *Microsystem Technologies*, **2018**, 24, 669-681	1.7	8
64	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. *Journal of Polymer Science Part A*, **2010**, 48, 525-531	2.5	8
63	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. *Journal of Polymer Science Part A*, **2008**, 46, 1427-1439	2.5	8
62	Cationic ring-opening copolymerization behavior of trioxane and seven-membered cyclic carbonate. *Journal of Polymer Science Part A*, **2008**, 46, 733-739	2.5	7
61	Synthesis and properties of poly(carbonate-co-ester)s obtained by cationic ring-opening copolymerization of spiroorthocarbonate and □caprolactone. *Journal of Polymer Science Part A*, **2006**, 44, 2937-2942	2.5	7
60	Novel Anionic Ring-Opening Polymerization of Seven-Membered Monothiocarbonate Depending on Initiators. *Macromolecules*, **2004**, 37, 2329-2331	5.5	7
59	Observation of optical activity in polythiourethane obtained by the controlled cationic ring-opening polymerization of chiral cyclic thiourethane derived from serine. *Journal of Polymer Science Part A*, **2005**, 43, 1554-1561	2.5	7

58	Radical Polymerization Behavior of 4-Monosubstituted and 2,4-Disubstituted Enynes. *Macromolecular Chemistry and Physics*, **2001**, 202, 3099-3105	2.6	7
57	Investigation on Radical Polymerization Behavior of 4-Substituted Aromatic Enynes. Experimental, ESR, and Computational Studies1. *Macromolecules*, **2001**, 34, 1634-1639	5.5	7
56	Selective Radical Vinyl Polymerization of 4-Phenyl-1-buten-3-yne: Synthesis of a Novel Acetylene-Containing Polymer. *Chemistry Letters*, **1998**, 27, 563-564	1.7	7
55	Preparation of TiO2-Poly(3-Chloro-2-Hydroxypropyl Methacrylate) Nanocomposite for Selective Adsorption and Degradation of Dyes. *Technologies*, **2018**, 6, 92	2.4	7
54	Cyclopolymerization of a bisacrylate through selective formation of a 19-membered ring. *Polymer Journal*, **2016**, 48, 859-862	2.7	6
53	Organic-sulfur-zinc hybrid nanoparticle for optical applications synthesized via polycondensation of trithiol and Zn(OAc)2. *Nanoscale Research Letters*, **2013**, 8, 373	5	6
52	Solid-supported synthesis of well-defined amphiphilic block copolymer from methacrylates. *Journal of Polymer Science Part A*, **2008**, 46, 1990-1997	2.5	6
51	Thermally latent reaction of hemiacetal ester with epoxide catalyzed by recyclable polymeric catalyst consisting of salen-zinc complex and polyurethane main chain. *Journal of Polymer Science Part A*, **2008**, 46, 3673-3681	2.5	6
50	Anionic grafting polymerization of propylene sulfide onto human hair in water. *Journal of Polymer Science Part A*, **2006**, 44, 3778-3786	2.5	6
49	Biogenic Synthesis and Catalytic Efficacy of Silver Nanoparticles Based on Peel Extracts of Fruit. *ACS Omega*, **2021**, 6, 18260-18268	3.9	6
48	Selective Ag+ Adsorption of Ureido Polymer Prepared by Cyclopolymerization Giving Large Ring Repeating Units. *ACS Applied Polymer Materials*, **2020**, 2, 1417-1421	4.3	5
47	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. *Journal of Polymer Science Part A*, **2012**, 50, 3493-3498	2.5	5
46	Recyclable Pd catalysts supported on polymers bearing azine moities. *Reactive and Functional Polymers*, **2011**, 71, 791-795	4.6	5
45	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. *Journal of Polymer Science Part A*, **2007**, 45, 2820-2826	2.5	5
44	Model reaction for thermally latent curing through addition of hemiacetal ester and epoxide by schiff-base□inc halide complexes. *Journal of Polymer Science Part A*, **2007**, 45, 3370-3379	2.5	5
43	Infrared thermography analysis of the thermally latent polymerization of 3-ethyl-3-phenoxymethyloxetane. *Journal of Polymer Science Part A*, **2006**, 44, 5519-5524	2.5	5
42	Thermal crosslinking of acetylene-containing polymers obtained by radical polymerization of aromatic enynes. *Polymer*, **2001**, 42, 8581-8586	3.9	5
41	Synthesis of Hydrophilic Sulfur-Containing Adsorbents for Noble Metals Having Thiocarbonyl Group Based on a Methacrylate Bearing Dithiocarbonate Moieties. *Advances in Materials Science and Engineering*, **2018**, 2018, 1-8	1.5	5

40	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. *Journal of Polymer Science Part A*, **2012**, 50, 3259-3268	2.5	4
39	Synthesis of well-defined and end-polymerizable star-shaped polysulfides and their application to negative photoresist. *Journal of Polymer Science Part A*, **2010**, 48, 4385-4392	2.5	4
38	Dispersion polymerization accompanied by CO2 fixation: Synthesis of particles of polymers bearing cyclic carbonate and epoxide moieties. *Journal of Polymer Science Part A*, **2010**, 48, 5382-5390	2.5	4
37	Mild and Efficient One-Step Synthesis of Trithiocarbonates Using Minimum Amount of CS2. *Synlett*, **2006**, 2006, 0636-0638	2.2	4
36	Synthesis of novel core-crosslinked graft copolymers from crosslinked poly(mercapto-thiourethane). *Journal of Polymer Science Part A*, **2005**, 43, 5097-5102	2.5	4
35	Anionic polymerization of 4-phenyl-1-buten-3-yne derivatives bearing electron-withdrawing groups. *Journal of Polymer Science Part A*, **2001**, 39, 1016-1023	2.5	4
34	Coordination Polymerization of a Conjugated Enyne: Synthesis of a Novel Polyacetylene Derivative Bearing Conjugated Double Bond Moieties. *Macromolecular Rapid Communications*, **2001**, 22, 1485	4.8	4
33	A facile one-pot synthesis of poly(acrylic acid)-functionalized magnetic iron oxide nanoparticles for suppressing reactive oxygen species generation and adsorption of biocatalyst. *Materials Research Express*, **2020**, 7, 016102	1.7	4
32	Zinc bis(allyldithiocarbamate) for highly refractive and flexible materials via the thiol-ene reaction. *Polymer Journal*, **2016**, 48, 1059-1064	2.7	4
31	CommunicationSynthesis of Fluorine-Free Highly Ion Conductive Polymer Electrolyte Having Lithium Bissulfonimide Unit. *Journal of the Electrochemical Society*, **2018**, 165, B3119-B3121	3.9	3
30	Milling in Seconds Accelerates Acetylation of Cellulose in Hours. *ACS Omega*, **2019**, 4, 17542-17546	3.9	3
29	Formation of flat, homogeneous surfaces of organized molecular films of three-armed polymerizable amphiphiles with metal-scavenging properties. *Langmuir*, **2012**, 28, 10830-7	4	3
28	Ring-opening grafting polymerization of cyclic monomers onto human hair. *Journal of Polymer Science Part A*, **2007**, 45, 736-744	2.5	3
27	Infrared thermographic analysis on copolymerization of spiroorthoester with oxetane. *Journal of Polymer Science Part A*, **2007**, 45, 1388-1393	2.5	3
26	Synthesis and properties of novel polysulfone bearing exomethylene structure. *European Polymer Journal*, **2006**, 42, 1934-1938	5.2	3
25	Radical Copolymerization of 2,4-Disubstituted Enynes with Electron-Accepting Comonomers. *Macromolecules*, **2002**, 35, 597-601	5.5	3
24	Facile Synthesis of Glycidates via Oxidation of Acrylates with Aqueous Solution of NaOCl in the Presence of Ammonium Salts. *Heterocycles*, **2014**, 89, 487	0.8	2
23	One-Pot Synthesis of Organic-Sulfur-Zinc Hybrid Materials via Polycondensation of a Zinc Salt and Thiols Generated in Situ from Cyclic Dithiocarbonates. *Molecules*, **2015**, 20, 15049-59	4.8	2

22	Chiral interaction between aromatic aldehydes and a polymer bearing large chiral rings obtained by cyclopolymerization of bisacrylamide. *Polymer Journal*, **2010**, 42, 138-141	2.7	2
21	Thermally latent synthesis of networked polymers from multifunctional hemiacetal ester and diepoxide catalyzed by Schiff-base-zinc chloride complex. *Journal of Polymer Science Part A*, **2008**, 46, 3682-3689	2.5	2
20	Design of Latent Accelerators for Thermally Latent (Poly)addition of Epoxide with Hemiacetal Ester. *Macromolecular Symposia*, **2007**, 249-250, 417-423	0.8	2
19	Green synthesis of crystalline bismuth nanoparticles using lemon juice.. *RSC Advances*, **2021**, 11, 26683-26686	3.7	2
18	Transparent and Photochromic Material Prepared by Copolymerization of Bismuth(III) Methacrylate. *ACS Applied Polymer Materials*, **2021**, 3, 4419-4423	4.3	2
17	Detailed Study on Rapid Removal of Cationic Dyes Using TiO2-Poly(3-Chloro-2-Hydroxypropyl Methacrylate) Nanocomposite. *Journal of the Electrochemical Society*, **2019**, 166, B3240-B3245	3.9	1
16	Selective capture of Pd2+ by graft copolymer bearing LCST graft chain and metal adsorbing stem chain. *Journal of Polymer Science Part A*, **2019**, 57, 2383-2386	2.5	1
15	Synthesis of Polymers from Carbon Dioxide and Carbon Disulfide. *Kobunshi Ronbunshu*, **2006**, 63, 519-528		1
14	Solid-state Structure and Formation of Organized Films for Three-arm Amphiphilic Polymer with Metal-Scavenging Property. *Transactions of the Materials Research Society of Japan*, **2011**, 36, 153-156	0.2	1
13	A simple in situ synthesis of iron oxide magnetic nanoparticles embedded in thermosensitive polymer for DNA capture. *Journal of Materials Research*, **2020**, 35, 2441-2450	2.5	1
12	Reversible Gelation System for Hydrazine Based on Polymer Absorbent. *Technologies*, **2018**, 6, 80	2.4	1
11	Synthesis of Poly(Carbon Sulfide)s by Electroreductive Polymerization of Carbon Disulfide. *Chemistry Letters*,	1.7	1
10	Lemon Juice Assisted Green Synthesis of Reduced Graphene Oxide and Its Application for Adsorption of Methylene Blue. *Technologies*, **2021**, 9, 96	2.4	1
9	Synthesis of Bismuth-Containing Polymer Films with High Refractive Index and X-ray Shielding Property by Radical Polymerization of Styrylbismuthine Derivatives.. *ACS Macro Letters*, **2022**, 723-726	6.6	1
8	Synthesis and Selective Au(III) Adsorption of Ureido Polymers Containing Large Repeating Rings. *ACS Omega*, **2021**, 6, 28004-28011	3.9	0
7	A facile aqueous production of bisphosphonated-polyelectrolyte functionalized magnetite nanoparticles for pH-specific targeting of acidic-bone cells.. *RSC Advances*, **2022**, 12, 8043-8058	3.7	0
6	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.. *ACS Omega*, **2022**, 7, 10355-10364	3.9	0
5	Thermo-Reversible Gelation of Aqueous Hydrazine for Safe Storage of Hydrazine. *Technologies*, **2020**, 8, 53	2.4	

4	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). *Journal of Polymer Science Part A*, **2013**, 51, 2598-2605	2.5
3	Anionic polymerization of methacrylates by samarium (III) enolate on networked polystyrene: Effects of its sterically confined environment on polymerization behavior. *Journal of Polymer Science Part A*, **2009**, 47, 1510-1521	2.5
2	Chiroptical inversion induced by sandwiching units in chiral polythiourethane. *Chemical Communications*, **2006**, 1515-7	5.8
1	Kojic Acid as Green Modifier for Oxidation Inhibition of Copper. *Chemistry Letters*, **2021**, 50, 1407-1408	1.7