

# Atsushi Sudo

## List of Publications by Year in descending order

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172  
papers

3,687  
citations

159585

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174  
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174  
docs citations

174  
times ranked

2431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-light-driven reductive coupling of aromatic ketones using perylene derivatives as photoredox catalysts: Improvement of reaction efficiency by the addition of acetic acid. Results in Chemistry, 2021, 3, 100123.	2.0	0
2	Synthesis of a Divinyl-functionalized Diamantane-Analogue from naturally occurring myo-Inositol and its application to polymer synthesis via the Thiol-ene reaction. Results in Chemistry, 2021, 3, 100167.	2.0	1
3	Molecular design and synthesis of crosslinked polyimides using radical isomerization of vinylcyclopropane with thiols. Journal of Applied Polymer Science, 2021, 138, 50529.	2.6	1
4	Synthesis of polymers containing vicinal tricarbonyl moiety and construction of reversible crosslinking–decrosslinking polymer system. Polymer International, 2021, 70, 1176-1181.	3.1	3
5	Well-defined, environment-friendly synthesis of polypeptides based on phosgene-free transformation of amino acids into urethane derivatives and their applications. Polymer International, 2020, 69, 219-227.	3.1	5
6	Well-Defined Construction of Functional Macromolecular Architectures Based on Polymerization of Amino Acid Urethanes. Biomedicines, 2020, 8, 317.	3.2	3
7	Synthesis of reactive polyureas bearing vinylcyclopropane moiety in main chain and their radical crosslinking with multifunctional thiols. Journal of Polymer Science, 2020, 58, 1601-1608.	3.8	2
8	Radical cyclopolymerization of dimethacrylates bearing rigid adamantane-like core derived from naturally occurring myo-Inositol. Journal of Polymer Science, 2020, 58, 1973-1981.	3.8	4
9	Cover Image, Volume 69, Issue 3. Polymer International, 2020, 69, i.	3.1	0
10	Synthesis of partially bio-based triepoxides from naturally occurring myo-Inositol and their polyadditions. Journal of Polymer Science, 2020, 58, 1229-1235.	3.8	2
11	Synthesis of oligo(spiroketal)s by polycondensation of silyl ethers derived from naturally occurring myo-Inositol with 1,4-cyclohexanedione. Journal of Polymer Science Part A, 2019, 57, 2407-2414.	2.3	0
12	Radical Ring-Opening Polymerization Behavior of 1,1-Dicyano-2-Vinylcyclopropane and Its Copolymerization with 1-Cyano-1-Ester-2-Vinylcyclopropane. Journal of Polymer Science Part A, 2019, 57, 2.3 1723-1729.		4
13	Polymer with Zwitterionic Structure in Main Chain via Polyaddition of Bifunctional Cyclic Amidine and Diisothiocyanate. Journal of Polymer Science Part A, 2019, 57, 2145-2148.	2.3	2
14	Solid-state AlEnh-circularly polarised luminescence of chiral perylene diimide fluorophores. RSC Advances, 2019, 9, 1976-1981.	3.6	23
15	Effect of oligo(spiroorthocarbonate)s on the volume shrinkage of epoxides during crosslinking by sulfonium salt-initiated cationic polymerization of epoxides. Journal of Polymer Science Part A, 2019, 57, 1564-1568.	2.3	7
16	Synthesis of hydroxyl-bearing polyurethanes from naturally occurring myo-Inositol. Journal of Polymer Science Part A, 2019, 57, 1358-1364.	2.3	2
17	Efficient synthesis and properties of soluble aliphatic oligo(spiroorthocarbonate)s from pentaerythritol derivatives. Journal of Polymer Science Part A, 2019, 57, 792-798.	2.3	2
18	Fundamental investigation on interaction between hexafluoroisopropylalcohol-containing styrene and photochemical acid generator for rationale design of photoresist system. Journal of Polymer Science Part A, 2019, 57, 531-538.	2.3	4

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19	Radical polyaddition of difunctional vinyloxirane with thiols for synthesis of linear and networked polysulfides. <i>Journal of Polymer Science Part A</i> , 2018, 56, 783-788.	2.3	1
20	Organic Photoredox Catalyst with Substrate-capture Ability: A Perylene Derivative Bearing Urethane Moiety for Reductive Coupling of Ketones and Aldehydes under Visible Light. <i>Chemistry Letters</i> , 2018, 47, 369-372.	1.3	2
21	Radical polymerizations of two stereoisomeric trimethacrylates with rigid adamantane-like cores from naturally occurring <i>myo</i> -inositol. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1743-1748.	2.3	4
22	Optically Active Linear and Hyperbranched Polythiophenes Bearing BINOL Derivatives Emitting Circularly Polarized Luminescence. <i>Chemistry Letters</i> , 2018, 47, 1200-1202.	1.3	2
23	Construction of excellent thermal latent system for the synthesis of networked epoxide polymers by sulfonium salts. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2096-2102.	2.3	4
24	Partially bio-based tri- and hexaallyl monomers: Synthesis from naturally occurring <i>myo</i> -inositol and polyaddition with dithiols. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1524-1529.	2.3	2
25	Synthesis and radical ring-opening polymerization of vinylcyclopropanes derived from amino acids with hydrophobic moieties. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3996-4002.	2.3	4
26	A Metal-Free Approach to 1,2-Diamines via Visible Light-Driven Reductive Coupling of Imines with Perylene as a Photoredox Catalyst. <i>Journal of Organic Chemistry</i> , 2017, 82, 9731-9736.	3.2	36
27	Rigid diol bearing 6,6 fused ring system derived from naturally occurring <i>myo</i> -inositol and its polyaddition with diisocyanates. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3798-3803.	2.3	6
28	Isolation of Epimers in the Synthesis of Vinylcyclopropane Bearing Two Alanine Moieties and Their Radical Ring-Opening Polymerization. <i>Macromolecules</i> , 2017, 50, 5679-5686.	4.8	9
29	Development of High Performance Polymers Using Naturally Occurring <i>myo</i> -Inositol as Starting Material. <i>Journal of the Adhesion Society of Japan</i> , 2017, 53, 63-68.	0.0	0
30	Special Issue "Ring-Opening Polymerization". <i>Molecules</i> , 2016, 21, 1720.	3.8	0
31	Polymerization of epoxide with hydroxylamides as thermally latent initiators. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2611-2617.	2.3	6
32	Metal-free reductive coupling of C=O and C=N bonds driven by visible light: use of perylene as a simple photoredox catalyst. <i>Chemical Communications</i> , 2016, 52, 11339-11342.	4.1	62
33	A highly rigid diamine monomer derived from naturally occurring <i>myo</i> -inositol and its use for polyamide synthesis. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3436-3443.	2.3	7
34	Substituent effect of <i>N</i> -caryl- <i>N</i> -2-pyridyl ureas as thermal latent initiators on ring-opening polymerization of epoxide. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2569-2574.	2.3	7
35	Radical Polymerization of methacrylates with an adamantane-like rigid core derived from naturally occurring <i>myo</i> -inositol. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2411-2420.	2.3	12
36	Synthesis and radical polymerization of methacrylate endowed with bicyclobis(isobutyrolactone) moiety through methylene linker. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2462-2468.	2.3	0

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37	Approach to High Performance Polymers Starting from Monosaccharides and Their Analogues. <i>Kobunshi Ronbunshu</i> , 2015, 72, 232-242.	0.2	0
38	Solid-state circularly polarised luminescence of atropisomeric fluorophores embedded in achiral myo-inositol-containing polyurethanes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2913-2917.	2.8	17
39	Radical Ring-Opening Polymerization: Molecular Designs, Polymerization Mechanisms, and Living/Controlled Systems. <i>ACS Symposium Series</i> , 2015, , 19-50.	0.5	9
40	Triallyl monomer bearing adamantane-like core derived from naturally occurring <i>myo</i> -inositol: Synthesis and polyaddition with dithiols. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1193-1199.	2.3	8
41	Functional 1,3-benzoxazine bearing 4-pyridyl group: Synthesis and thermally induced polymerization behavior. <i>Journal of Polymer Science Part A</i> , 2014, 52, 410-416.	2.3	14
42	Promoting effect of thiophenols on the ring-opening polymerization of 1,3-benzoxazine. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2523-2527.	2.3	13
43	Thiol-functionalized 1,3-benzoxazine: Preparation and its use as a precursor for highly polymerizable benzoxazine monomers bearing sulfide moiety. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1448-1457.	2.3	25
44	Rigid triol and diol with adamantane-like core derived from naturally occurring <i>myo</i> -inositol and their polyaddition with diisocyanates. <i>Journal of Polymer Science Part A</i> , 2014, 52, n/a-n/a.	2.3	8
45	Phosgene-free synthesis of polypeptides using activated urethane derivatives of $\alpha$ -amino acids: an efficient synthetic approach to hydrophilic polypeptides. <i>RSC Advances</i> , 2014, 4, 29890-29896.	3.6	27
46	Ring opening polymerization of epoxides with urea derivatives of 4-aminopyridine as thermally latent anionic initiator. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2518-2522.	2.3	8
47	Synthesis of Oligo(spiroketal)s from Naturally Occurring <i>myo</i> -Inositol. <i>ACS Macro Letters</i> , 2014, 3, 808-812.	4.8	15
48	Cationic copolymerization behavior of epoxide and 3-isochromanone. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4213-4220.	2.3	6
49	Polymerization-Depolymerization System Based on Reversible Addition-Dissociation Reaction of 1,3-Benzoxazine with Thiol. <i>ACS Macro Letters</i> , 2013, 2, 1-4.	4.8	57
50	Synthesis of networked polymers by crosslinking reactions of polybenzoxazine bearing allyl group in the side chain. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2035-2039.	2.3	20
51	<i>N</i> -glycosylation approach to glucose-functionalized diamine and its use for protection-free synthesis of polyurea bearing glucoside pendant. <i>Journal of Polymer Science Part A</i> , 2013, 51, 298-304.	2.3	3
52	RAFT approach to well-defined telechelic vinyl polymers with hydroxyl terminals as polymeric diol-type building blocks for polyurethanes. <i>Journal of Polymer Science Part A</i> , 2013, 51, 318-326.	2.3	9
53	Cyclotrimerization of diisocyanates toward high-performance networked polymers with rigid isocyanurate structure: Combination of aromatic and aliphatic diisocyanates for tunable flexibility. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2631-2637.	2.3	21
54	Synthesis of high-performance polyurethanes with rigid 5-membered fused ring system in the main chain from naturally occurring <i>myo</i> -inositol. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3956-3963.	2.3	14

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55	Phosgene-free synthesis of polypeptides: Useful synthesis for hydrophobic polypeptides through polycondensation of activated urethane derivatives of $\alpha$ -amino acids. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3726-3731.	2.3	37
56	Polyaddition of bifunctional 1,3-benzoxazine and 2-methylresorcinol. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3867-3872.	2.3	25
57	Storage stability and curing behavior of epoxy-dicyandiamide systems with carbonyldiimidazole-Cu (II) complexes as the accelerator. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3470-3476.	2.3	16
58	Reversible Fixation and Release of Alcohols by a Polymer Bearing Vicinal Tricarbonyl Moieties and Its Application to Synthesis and Reversible Cross-Linking/De-Cross-Linking System of a Networked Polymer. <i>Macromolecules</i> , 2012, 45, 4494-4499.	4.8	21
59	Synthesis and copolymerization of fully bio-based benzoxazines from guaiacol, furfurylamine and stearylamine. <i>Green Chemistry</i> , 2012, 14, 2799.	9.0	256
60	Synthesis of bicyclic bis( $\beta$ -butyrolactone) derivatives bearing sulfide moieties and their alternating copolymers with epoxide. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4666-4673.	2.3	16
61	Synthesis of networked polymer based on ring-opening addition reaction of 1,3-benzoxazine with resorcinol. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4756-4761.	2.3	34
62	Acid-promoted double ring-opening reaction of bicyclobis ( $\beta$ -butyrolactone) with alcohol and its application to polyester synthesis. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1281-1289.	2.3	7
63	Synthesis of highly polymerizable 1,3-benzoxazine assisted by phenyl thio ether and hydroxyl moieties. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1457-1461.	2.3	27
64	Synthesis and reversible hydration/dehydration system of copolymers bearing a vicinal tricarbonyl structure. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2619-2625.	2.3	12
65	Development of high-performance networked polymers based on cyclotrimerization of isocyanates: Control of properties by addition of monoisocyanates. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4365-4367.	2.3	10
66	Synthesis of a Reactive Polyester Bearing $\alpha,\beta$ -Unsaturated Ketone Groups by Anionic Alternating Copolymerization of Epoxide and Bicyclic Bis( $\beta$ -butyrolactone) Bearing Isopropenyl Group. <i>Macromolecules</i> , 2011, 44, 1814-1820.	4.8	25
67	Synthesis and optical properties of $\pi$ -conjugated polymers composed of diester-substituted bithiophene and dibenzothiophene or carbazole. <i>Polymer Bulletin</i> , 2011, 67, 227-236.	3.3	10
68	Synthesis of amphiphilic polyacetal by polycondensation of aldehyde and polyethylene glycol as an acid-labile polymer for controlled release of aldehyde. <i>Journal of Polymer Science Part A</i> , 2011, 49, 596-602.	2.3	30
69	Polythiophenes bearing electron-withdrawing groups in the side chain and their application to bulk heterojunction solar cells. <i>Journal of Polymer Science Part A</i> , 2011, 49, 234-241.	2.3	7
70	Efficient accelerating effect of carbonyldiimidazole on epoxy-dicyandiamide curing system. <i>Journal of Polymer Science Part A</i> , 2011, 49, 250-256.	2.3	23
71	Anionic alternating copolymerization of epoxide and six-membered lactone bearing naphthyl moiety. <i>Journal of Polymer Science Part A</i> , 2011, 49, 619-624.	2.3	13
72	Synthesis of a methacrylic monomer having pendant cyclohexene cyclic carbonate "Easy CO <sub>2</sub> fixation and radical polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 545-549.	2.3	17

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73	Synthesis of reactive poly(norbornene): Ring-opening metathesis polymerization of norbornene monomer bearing cyclic dithiocarbonate moiety. Journal of Polymer Science Part A, 2011, 49, 1097-1103.	2.3	15
74	Preparation and properties of a novel polythiophene, poly[(3-hexyliminomethyl)thiophene] with a high regioregularity. Journal of Polymer Science Part A, 2011, 49, 1190-1194.	2.3	18
75	Synthesis and photovoltaic behaviors of narrow-band-gap $\pi$ -conjugated polymers composed of dialkoxybenzodithiophene and thiophene based fused aromatic rings. Journal of Polymer Science Part A, 2011, 49, 1427-1433.	2.3	11
76	Functional benzoxazines containing ammonium salt of carboxylic acid: Synthesis and highly activated thermally induced ring-opening polymerization. Journal of Polymer Science Part A, 2011, 49, 1724-1729.	2.3	18
77	Synthesis of amphiphilic copolymer having acid-labile bicyclo bisoxazolidine in the side chain for controlled release of fragrance aldehyde. Journal of Polymer Science Part A, 2011, 49, 1881-1886.	2.3	15
78	Promoting effects of urethane derivatives of phenols on the ring-opening polymerization of 1,3-benzoxazines. Journal of Polymer Science Part A, 2011, 49, 2183-2190.	2.3	18
79	Construction of reversible hydration-dehydration system by a model compound and a novel polymer bearing vicinal tricarbonyl structure. Journal of Polymer Science Part A, 2011, 49, 2245-2251.	2.3	21
80	Synthesis of polymers bearing 1,3-benzoxazine moiety in the side chains from poly(allylamine) and their crosslinking behaviors. Journal of Polymer Science Part A, 2011, 49, 3174-3183.	2.3	30
81	Synthesis of $\pi$ -conjugated copolymers composed of benzo[2,1,3]thiadiazole and thiophene units bearing various alkyl groups and their application to photovoltaic cells. Journal of Polymer Science Part A, 2011, 49, 3543-3549.	2.3	5
82	Ring-opening polymerization of 1,3-benzoxazines by <i>p</i> -toluenesulfonates as thermally latent initiators. Journal of Polymer Science Part A, 2011, 49, 3631-3636.	2.3	44
83	Synthesis of polybenzoxazine/clay nanocomposites by <i>in situ</i> thermal ring-opening polymerization using intercalated monomer. Journal of Polymer Science Part A, 2011, 49, 4213-4220.	2.3	53
84	Synthesis of photo-scissible poly( <i>p</i> -hydroxystyrene) derivatives by radical copolymerization of <i>p</i> -hydroxystyrene derivatives and methyl vinyl ketone. Journal of Polymer Science Part A, 2011, 49, 4714-4720.	2.3	7
85	Incorporation of ketone groups into poly(4-hydroxystyrene)s main chain by radical copolymerization of 2,2-diphenyl-4-methylene-1,3-dioxorane with <i>O</i> -protected hydroxystyrenes and their photodegradable behavior. Journal of Polymer Science Part A, 2011, 49, 5142-5151.	2.3	4
86	Development of high-performance networked polymers consisting of isocyanurate structures based on selective cyclotrimerization of isocyanates. Journal of Polymer Science Part A, 2011, 49, 5186-5191.	2.3	20
87	Synthesis and Optical Properties of $\pi$ -Conjugated Polymers Composed of Benzo[1,2- <i>b</i> :4,5- <i>b'</i> ]-dithiophene and Thiophenes Bearing Electron-Deficient Ethenyl Groups in the Side Chains. Macromolecular Chemistry and Physics, 2010, 211, 2490-2496.	2.2	6
88	Highly efficient catalysts-acetylacetonato complexes of transition metals in the 4th period for ring-opening polymerization of 1,3-benzoxazine. Journal of Polymer Science Part A, 2010, 48, 479-484.	2.3	102
89	Substituent effects of <i>N</i> -alkyl groups on thermally induced polymerization behavior of 1,3-benzoxazines. Journal of Polymer Science Part A, 2010, 48, 2777-2782.	2.3	87
90	Synthesis of an amphiphilic polymer having hydrophobic acetal and hydrophilic pyrrolidone moieties and its application to persisting release of aldehyde as a pro-fragrance. Journal of Polymer Science Part A, 2010, 48, 3816-3822.	2.3	14

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91	Synthesis of a norbornene monomer having cyclic carbonate moiety based on CO <sub>2</sub> fixation and its transition metal-catalyzed polymerizations. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3896-3902.	2.3	18
92	Allyl sulfonium salt as a novel initiator for active cationic polymerization of epoxide by shooting with radicals species. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4178-4183.	2.3	11
93	Incorporation of ketone groups into poly(4-hydroxystyrene)s main chain by radical copolymerization of 4-tert-butoxystyrene and 2,2-diphenyl-4-methylene-1,3-dioxolane and their photocission. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4344-4350.	2.3	6
94	Revolutionary phosgene-free synthesis of $\alpha$ -amino acid $\alpha$ -carboxyanhydrides using diphenyl carbonate based on activation of $\alpha$ -amino acids by converting into imidazolium salts. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4351-4355.	2.3	43
95	A new water-soluble branched poly(ethylene imine) derivative having hydrolyzable imidazolidine moieties and its application to long-lasting release of aldehyde. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4529-4536.	2.3	22
96	Accelerating effects of <i>N</i> -arylamide, <i>N</i> -dialkyl ureas on epoxy-cycyandiamide curing system. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5298-5305.	2.3	29
97	Acceleration effect of <i>N</i> -allyl group on thermally induced ring-opening polymerization of 1,3-benzoxazine. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5357-5363.	2.3	55
98	A Highly Reactive Benzoxazine Monomer, 1-(2-Hydroxyethyl)-1,3-Benzoxazine: Activation of Benzoxazine by Neighboring Group Participation of Hydroxyl Group. <i>Macromolecules</i> , 2010, 43, 1185-1187.	4.8	139
99	Alternating Copolymerization of Bicyclic Bis( $\beta$ -butyrolactone) and Epoxide through Zwitterion Process by Phosphines. <i>Macromolecules</i> , 2010, 43, 3585-3588.	4.8	24
100	Amidine-mediated delivery of CO <sub>2</sub> from gas phase to reaction system for highly efficient synthesis of cyclic carbonates from epoxides. <i>Green Chemistry</i> , 2010, 12, 42-44.	9.0	80
101	Anionic alternating copolymerization of epoxide and 3,4-dihydrocoumarin and its application to networked polymers. <i>Polymer International</i> , 2009, 58, 970-975.	3.1	8
102	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.	2.3	0
103	Anionic alternating copolymerization of a bifunctional six-membered lactone and glycidyl phenyl ether: Selective synthesis of a linear polyester having lactone moiety. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1661-1672.	2.3	17
104	Cationic ring-opening polymerization of 3-isochromanone through formation of benzyl cationic intermediate and its Friedel-Crafts reaction. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2214-2218.	2.3	7
105	Design of controlled releasing system: Synthesis of an amphiphilic copolymer endowed with acid-labile side chains based on quaternarization of amine-containing prepolymer with benzyl halide having acetal moiety. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3241-3247.	2.3	11
106	Anionic alternating copolymerization behavior of bifunctional six-membered lactone and glycidyl phenyl ether. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3662-3668.	2.3	7
107	Convenient and useful synthesis of $\alpha$ -carboxyanhydride monomers through selective cyclization of urethane derivatives of $\alpha$ -amino acids. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3839-3844.	2.3	24
108	Synthesis and palladium-catalyzed addition polymerization of norbornene carrying epoxy moiety. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3982-3989.	2.3	12

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109	Development and application of novel ring-opening polymerizations to functional networked polymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4847-4858.	2.3	72
110	Synthesis of polyester having sequentially ordered two orthogonal reactive groups by anionic alternating copolymerization of epoxide and bislactone. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6750-6757.	2.3	12
111	Amphiphilic Copolymer Having Acid-Labile Acetal in the Side Chain as a Hydrophobe: Controlled Release of Aldehyde by Thermoresponsive Aggregation/Dissociation of Polymer Micelles. <i>Macromolecules</i> , 2009, 42, 2229-2235.	4.8	63
112	Synthesis of Eight-Membered Lactone Having Tertiary Amine Moiety by Ring-Expansion Reaction of 1,3-Benzoxazine and Its Anionic Ring-Opening Polymerization Behavior. <i>Macromolecules</i> , 2009, 42, 2327-2329.	4.8	30
113	Epoxy curing process with small shrinkage based on binary nucleophilic reagent system consisting of amine and carboxylic acid. <i>Journal of Applied Polymer Science</i> , 2009, 112, 836-842.	2.6	6
114	Synthesis of Polypeptide-Polyether Conjugates from an Activated Urethane Derivative of $\beta$ -Benzyl-L-glutamate as a Monomer. <i>Polymer Bulletin</i> , 2008, 60, 625-634.	3.3	13
115	Syntheses of bisphenol-type oligomers having five-membered dithiocarbonate groups at the terminals and their application as accelerators to epoxy-amine curing system. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1907-1912.	2.3	7
116	Solid-supported synthesis of well-defined amphiphilic block copolymer from methacrylates. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1990-1997.	2.3	7
117	Thermally dissociable pseudo-polyrotaxane as a supramolecular shrinkage suppressor for epoxy-amine curing system. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2305-2308.	2.3	4
118	Synthesis and crosslinking behavior of a novel linear polymer bearing 1,2,3-triazol and benzoxazine groups in the main chain by a step-growth click-coupling reaction. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2316-2325.	2.3	100
119	Synthesis of polypeptides from activated urethane derivatives of $\alpha$ -amino acids. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2525-2535.	2.3	30
120	A new series of cyclic 5-membered dithiocarbonates having urethane tether: Application as an adhesion promoter to epoxy-amine curing system. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2588-2592.	2.3	7
121	Convenient synthesis of poly( $\beta$ -benzyl-L-glutamate) from activated urethane derivatives of $\beta$ -benzyl-L-glutamate. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2649-2657.	2.3	28
122	Anionic copolymerization of epoxide with bifunctional aromatic lactone derived from 2-methylresorcinol. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3447-3451.	2.3	10
123	Anionic alternating copolymerization of 3,4-dihydrocoumarin and glycidyl ethers: A new approach to polyester synthesis. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4092-4102.	2.3	28
124	Polycondensation of trialkoxysilane monomers accelerated by neighboring group participation of urea moiety. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6654-6659.	2.3	3
125	Synthesis of Polypeptide Having Defined Terminal Structures Through Polymerization of Activated Urethane-Derivative of $\beta$ -Benzyl-L-glutamate. <i>Macromolecules</i> , 2008, 41, 7913-7919.	4.8	24
126	Selective Formation of Poly(N,O-acetal) by Polymerization of 1,3-Benzoxazine and Its Main Chain Rearrangement. <i>Macromolecules</i> , 2008, 41, 9030-9034.	4.8	162



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127	Anionic Alternating Copolymerizability of Epoxide and 3,4-Dihydrocoumarin by Imidazole. <i>Macromolecules</i> , 2007, 40, 6535-6539.	4.8	33
128	Cascade chemical transformation of five-membered cyclic dithiocarbonate in a networked polysiloxane layer on a silicate surface. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1170-1176.	2.3	3
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