

Takeshi Endo

List of Publications by Year in descending order

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529
papers

12,186
citations

32410

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68831

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all docs

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535
times ranked

7797
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of poly(methacrylate)s bearing hydroxyurethane structures synthesized by various amines with poly(methacrylate)s containing five-membered cyclic carbonates obtained from poly(glycidyl) T J ETQq1 1 0.7843 14 rgBT4/Overlook	1.9	12
2	Cationic ring-opening polymerization of a five membered cyclic dithiocarbonate having a tertiary amine moiety. <i>Polymer Chemistry</i> , 2022, 13, 267-274.	2.0	4
3	Anionic ring-opening polymerization behavior of <i>trans</i> -cyclohexene carbonate using metal <i>tert</i> -butoxides: Construction of living anionic ring-opening polymerization by lithium <i>tert</i> -butoxide. <i>Journal of Polymer Science</i> , 2022, 60, 1416-1421.	2.0	2
4	Molecular Design of Isocyanurate Core-Based Acrylates Undergoing Volume Expansion on Radical Photo-Polymerization. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200014.	2.0	9
5	Rapid Curing System of a Cyanate Ester Resin/Epoxy Resin with a Thermal Latent Polymeric Hardener Based on a Phenol-Amine Salt. <i>ACS Applied Polymer Materials</i> , 2022, 4, 84-90.	1.3	1
6	Molecular design and synthesis of crosslinked polyimides using radical isomerization of vinylcyclopropane with thiols. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50529.	2.2	10
7	One-Pot Nonisocyanate Synthesis of Sequence-Controlled Poly(hydroxy urethane)s from a Bis(six-membered cyclic carbonate) and Two Different Diamines. <i>Macromolecules</i> , 2021, 54, 2059-2067.	2.0	6
8	Synthesis of poly(hydroxyurethane) from 5-membered cyclic carbonate under mild conditions in the presence of bicyclic guanidine and their reaction process. <i>Journal of Polymer Science</i> , 2021, 59, 502-509.	2.0	3
9	Supramolecular polymer gels formed from polyamidine and random copolymer of <i>n</i> -butyl acrylate and acrylic acid. <i>Journal of Polymer Science</i> , 2021, 59, 721-728.	1.6	3
10	Synthesis of polymers containing vicinal tricarbonyl moiety and construction of reversible crosslinking-decrosslinking polymer system. <i>Polymer International</i> , 2021, 70, 1176-1181.	2.2	10
11	Molecular Design of Acrylates Containing Isocyanurate Moiety Undergoing Low Volume Shrinkage during Their Radical Photopolymerization. <i>Macromolecules</i> , 2021, 54, 5806-5814.	1.3	5
12	Investigation of the hardener with latent and rapid curing based on phenol-amine salts for applications to cyanate ester resins. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51286.	2.0	3
13	Synthesis and radical polymerization of acrylate and methacrylate bearing an isocyanurate core with adamantyl bisurethane moieties. <i>Journal of Polymer Science</i> , 2021, 59, 3141.	1.2	12
14	Efficient Catalysts of Acyclic Guanidinium Iodide for the Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides under Mild Conditions. <i>Synthesis</i> , 2020, 52, 150-158.	2.0	9
15	Catechol-Attached Polypeptide with Functional Groups as Electrochemical Sensing Platform for Synthetic Cannabinoids. <i>ACS Applied Polymer Materials</i> , 2020, 2, 172-177.	1.6	5
16	Well-defined, environmentally friendly synthesis of polypeptides based on phosgene-free transformation of amino acids into urethane derivatives and their applications. <i>Polymer International</i> , 2020, 69, 219-227.	1.0	3
17	Six-Membered Cyclic Amidines as Efficient Catalysts for the Synthesis of Cyclic Dithiocarbonates from Carbon Disulfide and Epoxides under Mild Conditions. <i>Synlett</i> , 2020, 31, 92-96.	2.0	3
18	Synthesis and fundamental properties of methacrylate polymer containing five-membered cyclic trithiocarbonate group. <i>Journal of Polymer Science</i> , 2020, 58, 2126-2133.		

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19	Implementation of <i>meta</i> -Positioning in Tetrafunctional Benzoxazines: Synthesis, Properties, and Differences in the Polymerized Structure. <i>Macromolecules</i> , 2020, 53, 6866-6886.	2.2	23
20	Phosgene-free and Chemoselective Synthesis of Novel Polyureas from Activated <i>l</i> -Lysine with Diphenyl Carbonate. <i>Macromolecules</i> , 2020, 53, 6809-6815.	2.2	9
21	Well-Defined Construction of Functional Macromolecular Architectures Based on Polymerization of Amino Acid Urethanes. <i>Biomedicines</i> , 2020, 8, 317.	1.4	3
22	Synthesis of reactive polyureas bearing vinylcyclopropane moiety in main chain and their radical crosslinking with multifunctional thiols. <i>Journal of Polymer Science</i> , 2020, 58, 1601-1608.	2.0	2
23	Cover Image, Volume 69, Issue 3. <i>Polymer International</i> , 2020, 69, i.	1.6	0
24	Reprocessable Aliphatic Polydithiourethanes Based on the Reversible Addition Reaction of Diisothiocyanates and Dithiols. <i>Macromolecules</i> , 2019, 52, 6080-6087.	2.2	11
25	Radical Ring-Opening Polymerization Behavior of 1,1-Dicyano-2-vinylcyclopropane and Its Copolymerization with 1-Cyano-1-ester-2-vinylcyclopropane. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2.5 1723-1729.		4
26	Synthesis and decrosslinking of networked polymers having zwitterion structure consisted by cyclic amidine and isothiocyanate. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2131-2137.	2.5	0
27	Multifunctional Cyclic Carbonates Comprising Hyperbranched Polyacetals: Synthesis and Applications to Polymer Electrolytes and Networked Polymer Materials. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2295-2303.	2.5	5
28	Polymer with Zwitterionic Structure in Main Chain via Polyaddition of Bifunctional Cyclic Amidine and Diisothiocyanate. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2145-2148.	2.5	2
29	Synthesis of polymethacrylate-bearing benzocyclobutene structure and extension to networked polymer based on thermal isomerization. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2175-2180.	2.5	1
30	Synthesis and physical properties of poly(urethane)s using vicinal diols derived from acrylate and styrene monomers. <i>Journal of Polymer Science Part A</i> , 2019, 57, 799-805.	2.5	2
31	Effect of oligo(spiroorthocarbonate)s on the volume shrinkage of epoxides during crosslinking by sulfonium salt-initiated cationic polymerization of epoxides. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1564-1568.	2.5	7
32	Unexpected Healability of an <i>ortho</i> -Blocked Polybenzoxazine Resin. <i>ACS Macro Letters</i> , 2019, 8, 506-511.	2.3	18
33	Synthesis of aliphatic polymers with high refractive index by photoinduced polyaddition of thiols to bifunctional allyl monomer containing tetrathiaspiro structure. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1160-1164.	2.5	4
34	Efficient synthesis and properties of soluble aliphatic oligo(spiroorthocarbonate)s from pentaerythritol derivatives. <i>Journal of Polymer Science Part A</i> , 2019, 57, 792-798.	2.5	2
35	Synthesis and cationic ring-opening polymerization of oxetane monomer containing five-membered cyclic carbonate moiety via highly chemoselective addition of CO ₂ . <i>Journal of Polymer Science Part A</i> , 2019, 57, 2606-2615.	2.5	3
36	Fundamental investigation on interaction between hexafluoroisopropylalcohol-containing styrene and photochemical acid generator for rationale design of photoresist system. <i>Journal of Polymer Science Part A</i> , 2019, 57, 531-538.	2.5	4

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37	Synthesis of block copolymers through umpolung or treatment of propagating end of living cationic polytetrahydrofuran. <i>Polymer Bulletin</i> , 2019, 76, 3355-3370.	1.7	1
38	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.	2.5	1
39	Mild incorporation of CO ₂ into epoxides: Application to nonisocyanate synthesis of poly(hydroxyurethane) containing triazole segment by polyaddition of novel bifunctional five-membered cyclic carbonate and diamines. <i>Journal of Polymer Science Part A</i> , 2018, 56, 986-993.	2.5	10
40	Hyperbranched Triphenylamine Polymer for UltraFast Battery Cathode. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6346-6353.	4.0	43
41	Significant Improvement on Polybenzoxazine Toughness Achieved by Amine/Benzoxazine Copolymerization-Induced Phase Separation. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700517.	1.1	21
42	Silver-based, single-sided antibacterial cotton fabrics with improved durability via an l-cysteine binding effect. <i>Cellulose</i> , 2018, 25, 2129-2141.	2.4	71
43	Reworkable Polyhydroxyurethane Films with Reversible Acetal Networks Obtained from Multifunctional Six-Membered Cyclic Carbonates. <i>Journal of the American Chemical Society</i> , 2018, 140, 884-887.	6.6	62
44	Cyclic and linear amidine catalysts for the efficient synthesis of cyclic trithiocarbonates from carbon disulfide and episulfides under mild conditions. <i>Tetrahedron Letters</i> , 2018, 59, 1702-1704.	0.7	7
45	Synthesis of poly(2-ethyl-2-oxazoline)-block-polypeptide copolymers by combination of ring-opening polymerization of oxazoline and polycondensation of activated urethane derivatives of α -amino acids. <i>Polymer Bulletin</i> , 2018, 75, 5075-5088.	1.7	9
46	Controlled release of fragrance with cross-linked polymers: synthesis and hydrolytic property of cross-linked amphiphilic copolymers bearing octanal-derived acetal moieties. <i>Polymer Bulletin</i> , 2018, 75, 197-207.	1.7	7
47	Synthesis and characteristics of networked polycarbosilanes having urethane-crosslinked glucose groups. <i>Polymer Bulletin</i> , 2018, 75, 2391-2400.	1.7	1
48	Synthesis of poly(<i>N</i> -phenoxycarbonyl-L-cysteine) by polycondensation of activated urethane derivative and its application for selective modification of side chain with amines. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2522-2530.	2.5	8
49	Synthesis of polydithiourethanes and their thermal, optical, and mechanical properties originated from monomers structure. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2255-2262.	2.5	2
50	Selective formation of a zwitterion adduct and bicarbonate salt in the efficient CO ₂ fixation by <i>N</i> -benzyl cyclic guanidine under dry and wet conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2204-2211.	1.3	3
51	Synthesis of polymers having zwitterionic structure via the radical polymerization of 4-vinylphenyl isothiocyanate/cyclic amidine adduct. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2303-2309.	2.5	2
52	Surface Modification with a Catechol-Bearing Polypeptide and Sensing Applications. <i>Biomacromolecules</i> , 2018, 19, 3067-3076.	2.6	15
53	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.	2.5	4
54	Synthesis of Functional Polypeptide by Phosgene-free Method. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 615-621.	0.0	0

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55	Design of networked polymers based on radical ring-opening polymerization of vinyloxiranes. <i>Polymer Journal</i> , 2017, 49, 363-368.	1.3	0
56	Color change of alternating copolymers with phenyl vinyl ethylene carbonate and N-phenylmaleimide in a solution and in the solid-state, depending on their structure. <i>RSC Advances</i> , 2017, 7, 9373-9380.	1.7	5
57	Synthesis of five- and six-membered cyclic guanidines by guanylation with isothiuronium iodides and amines under mild conditions. <i>Synthetic Communications</i> , 2017, 47, 442-448.	1.1	8
58	An immunoelectrochemical platform for the biosensing of α -Cocaine use TM . <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 310-318.	4.0	23
59	Synthesis and Thermal Properties of Difunctional Benzoxazines with Attached Oxazine Ring at the <i>Para</i> -, <i>Meta</i> -, and <i>Ortho</i> -Position. <i>Macromolecules</i> , 2017, 50, 3476-3488.	2.2	40
60	Synthesis and solid-state properties of crosslinked alternating copolymers of phenyl vinyl ethylene carbonate and <i>N</i> -substituted maleimides. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45247.	1.3	7
61	Phosgene-Free Syntheses and Hydrolytic Properties of Water-Soluble Polyhydroxyurethanes with Ester-Carbonate-Ether Structures in Their Main Chains. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700043.	1.1	20
62	A Catalyst-Free and Chemoselective Synthesis of Episulfides from Epoxides in 2,3-Butanediol without Formation of Poly(episulfide)s. <i>ChemistrySelect</i> , 2017, 2, 4466-4468.	0.7	6
63	Convenient synthetic approach to poly(<i>N</i> -Methyl <i>L</i> -alanine) through polycondensation of activated urethane derivative of <i>N</i> -methyl <i>L</i> -alanine. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1674-1679.	2.5	11
64	Syntheses and thermal properties of polyesters bearing a carbosilane repeating unit. <i>Polymer Bulletin</i> , 2017, 74, 2391-2399.	1.7	0
65	Substituent dependence of imidazoline derivatives on the capture and release system of carbon dioxide. <i>New Journal of Chemistry</i> , 2017, 41, 14390-14396.	1.4	5
66	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.	2.5	4
67	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.	2.2	9
68	Phosgene-Free Synthesis of Poly(<i>L</i> -cysteine) Containing Styrene Moiety as a Reactive Function. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700078.	1.1	10
69	Reversible capture and release of carbon dioxide by binary system of polyamide and polyethylene glycol. <i>Polymer Bulletin</i> , 2017, 74, 1207-1219.	1.7	6
70	Synthesis and radical polymerization of styrene bearing 2-oxazolidone moiety derived from α -amino acid and investigation of its phenol adsorption behavior. <i>Polymer Bulletin</i> , 2017, 74, 2671-2683.	1.7	2
71	Applications of a Polysiloxane Having Five-Membered Cyclic Carbonate Groups to Solid Polymer Electrolytes. <i>Kobunshi Ronbunshu</i> , 2017, 74, 502-507.	0.2	0
72	Special Issue α -Ring-Opening Polymerization. <i>Molecules</i> , 2016, 21, 1720.	1.7	0

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73	Synthesis of L±-amino Acid N-carboxyanhydride (NCA) by Phosgene-free Method and Development of Polypeptide Synthesis. Journal of the Adhesion Society of Japan, 2016, 52, 333-341.	0.0	1
74	Supramolecular network polymers formed from polyamidine and carboxy-terminated telechelic poly(<i>n</i> -butyl acrylate) via amidinium-carboxylate salt bridges. Journal of Polymer Science Part A, 2016, 54, 2148-2155.	2.5	5
75	Synthesis of novel tri-benzoxazine and effect of phenolic nucleophiles on its ring-opening polymerization. Journal of Polymer Science Part A, 2016, 54, 2811-2819.	2.5	36
76	Synthesis of thermally stable aromatic poly(spiroorthocarbonate)s having a <i>Cardo</i> or bent structure. Journal of Polymer Science Part A, 2016, 54, 1409-1416.	2.5	5
77	Supramolecular polymer gels from polystyrene bearing cyclic amidine Group and acrylic acid/ <i>n</i> -butyl acrylate copolymers. Journal of Polymer Science Part A, 2016, 54, 765-770.	2.5	6
78	Ring-opening polymerization of six-membered cyclic carbonates initiated by ethanol amine derivatives and their application to protonated or quaternary ammonium salt-functionalized polycarbonate films. Journal of Polymer Science Part A, 2016, 54, 487-497.	2.5	12
79	Polymerization of epoxide with hydroxylamides as thermally latent initiators. Journal of Polymer Science Part A, 2016, 54, 2611-2617.	2.5	6
80	Preparation of a zwitterionic polymer based on L-cysteine for recovery application of precious metals. RSC Advances, 2016, 6, 108689-108696.	1.7	28
81	Synthesis and Properties of Polycarbosilanes Having 5-Membered Cyclic Carbonate Groups as Solid Polymer Electrolytes. Macromolecules, 2016, 49, 9441-9448.	2.2	32
82	Synthesis and radical ring-opening polymerization of adamantane-containing bifunctional vinylcyclopropane undergoing volume expansion on polymerization. Journal of Polymer Science Part A, 2016, 54, 39-43.	2.5	15
83	Convenient phosgene-free synthesis of polypeptides bearing reactive alkene moiety through polycondensation of activated urethane derivative of L±-amino acid. Polymer, 2016, 93, 174-180.	1.8	8
84	Polypeptide Functional Surface for the Aptamer Immobilization: Electrochemical Cocaine Biosensing. Analytical Chemistry, 2016, 88, 4161-4167.	3.2	91
85	Synthesis and thermal properties of vinyl copolymers with phenyl vinyl ethylene carbonate and N-substituted maleimides undergoing color change with acid-base switching. Polymer Chemistry, 2016, 7, 6770-6778.	1.9	15
86	Polypeptide with electroactive endgroups as sensing platform for the abused drug L-methamphetamine™ by bioelectrochemical method. Talanta, 2016, 161, 789-796.	2.9	46
87	Radical polymerization behavior and thermal properties of vinyl ethylene carbonate derivatives bearing aromatic moieties. Polymer, 2016, 102, 167-175.	1.8	16
88	High-molecular-weight poly(Gly-Val-Gly-Val-Pro) synthesis through microwave irradiation. Journal of Peptide Science, 2016, 22, 452-460.	0.8	2
89	Toward Elucidating the Role of Number of Oxazine Rings and Intermediates in the Benzoxazine Backbone on Their Thermal Characteristics. Macromolecules, 2016, 49, 8466-8478.	2.2	98
90	Synthesis and characterization of polyurethanes bearing carbosilane segments. RSC Advances, 2016, 6, 94803-94808.	1.7	1

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91	Synthesis and application of a novel poly-l-phenylalanine electroactive macromonomer as matrix for the biosensing of α -Abused Drug β ™ model. <i>Polymer Chemistry</i> , 2016, 7, 7304-7315.	1.9	14
92	Complex Structured Fluorescent Polythiophene Graft Copolymer as a Versatile Tool for Imaging, Targeted Delivery of Paclitaxel, and Radiotherapy. <i>Biomacromolecules</i> , 2016, 17, 2399-2408.	2.6	17
93	Synthesis of thiourethanes and poly(thiourethane)s bearing carboxylic groups by nucleophilic acylation using cyclic acid anhydrides. <i>Polymer Bulletin</i> , 2016, 73, 1627-1637.	1.7	2
94	Construction of reversible crosslinking β “decrosslinking system consisting of a polymer bearing vicinal tricarbonyl structure and poly(ethylene glycol). <i>Polymer Bulletin</i> , 2016, 73, 345-356.	1.7	10
95	Synthesis and properties of novel poly(hydroxyurethane) from difunctional alicyclic carbonate and m-xylylenediamine and its possibility as gas barrier materials. <i>Polymer Bulletin</i> , 2016, 73, 677-686.	1.7	9
96	Synthesis and hydrolytic properties of water-soluble poly(carbonate β “hydroxyurethane)s from trimethylolpropane. <i>Polymer Chemistry</i> , 2016, 7, 958-969.	1.9	12
97	Bioapplications of Polythiophene-g-Polyphenylalanine-Covered Surfaces. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1868-1878.	1.1	28
98	Synthesis of polycarbosilanes having sugar-derived structures as novel materials for cell cultivation. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2267-2272.	2.5	4
99	Substituent effect of $\langle i \rangle N \langle /i \rangle$ β “aryla $\langle i \rangle N \langle /i \rangle$ β “pyridyl ureas as thermal latent initiators on ring β “opening polymerization of epoxide. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2569-2574.	2.5	7
100	Synthesis and characterization of polyphenylenes with polypeptide and poly(ethylene glycol) side chains. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1785-1793.	2.5	22
101	Facile Route for the Synthesis of Adamantane β “Containing Polypeptides through Polycondensation of Activated Urethane Derivative of $\langle i \rangle \pm \langle /i \rangle$ Amino Acids. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1348-1354.	1.1	6
102	Synthesis and Ring β “Opening Polymerization of Functional Silacyclobutane Derivatives and Their Application to Lithium Ion Batteries. <i>Macromolecular Symposia</i> , 2015, 349, 21-28.	0.4	6
103	Fabrication of asymmetrically superhydrophobic cotton fabrics via mist copolymerization of 2,2,2 β “trifluoroethyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1862-1871.	2.5	47
104	Water β “stable copolymers containing isocyanate moiety protected by hydrophobic styrene segment and their reaction with amines. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1934-1940.	2.5	3
105	Synthesis and radical polymerization of methacrylate endowed with bicyclobis($\langle i \rangle \beta \langle /i \rangle$ butyrolactone) moiety through methylene linker. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2462-2468.	2.5	0
106	Mono β “and bifunctional six β “membered cyclic carbonates synthesized by diphenyl carbonate toward networked polycarbonate films. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	16
107	Facile synthesis of polymethionine oxides through polycondensation of activated urethane derivative of $\langle i \rangle \pm \langle /i \rangle$ amino acid and their application to antifouling polymer against proteins and cells. <i>Polymer Chemistry</i> , 2015, 6, 1838-1845.	1.9	25
108	A curing system of benzoxazine with amine: reactivity, reaction mechanism and material properties. <i>RSC Advances</i> , 2015, 5, 19048-19057.	1.7	130

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109	Radical Ring-Opening Polymerization: Molecular Designs, Polymerization Mechanisms, and Living/Controlled Systems. ACS Symposium Series, 2015, , 19-50.	0.5	9
110	Cationic polymerization behavior of 1,2-methylglycidyl ether derivatives and physical properties of their cationically cured materials. Journal of Applied Polymer Science, 2015, 132, n/a-n/a.	1.3	1
111	Synthesis and Properties of Spiro-Centered Benzoxazines. Macromolecules, 2015, 48, 7466-7472.	2.2	47
112	Synthesis of polyhydroxyurethanes from di(trimethylolpropane) and their application to quaternary ammonium chloride-functionalized films. RSC Advances, 2015, 5, 71360-71369.	1.7	24
113	Convenient Synthesis of Acyclic Guanidines from Isothiouonium Iodides and Amines without Protection of the Amino Groups. Synlett, 2014, 25, 983-986.	1.0	7
114	Synthesis and properties of polyhydroxyurethane bearing silicone backbone. Journal of Polymer Science Part A, 2014, 52, 1113-1118.	2.5	48
115	Radical polymerization of 2,5-norbornadienes containing ester groups by AIBN and oxygen gas. Journal of Polymer Science Part A, 2014, 52, 2528-2536.	2.5	6
116	Reversible fixation and release of carbon dioxide with a binary system consisting of polyethylene glycol and polystyrene bearing cyclic amidine pendant group. Journal of Polymer Science Part A, 2014, 52, 2025-2031.	2.5	13
117	Cationic polymerization of a novel oxetane-bearing ionic liquid structure and properties of the obtained poly(ionic liquid). Journal of Polymer Science Part A, 2014, 52, 2986-2990.	2.5	5
118	Synthesis and polymerization of styrene monomers bearing spiroorthoester structure and volume change during crosslinking by double ring-opening of the pendant spiroorthoesters of the obtained polymers. Journal of Polymer Science Part A, 2014, 52, 1790-1795.	2.5	2
119	Functional 1,3-benzoxazine bearing 4-pyridyl group: Synthesis and thermally induced polymerization behavior. Journal of Polymer Science Part A, 2014, 52, 410-416.	2.5	14
120	Carbonyldiimidazole accelerated efficient cure of epoxidized soybean oil with dicyandiamide. Journal of Polymer Science Part A, 2014, 52, 375-382.	2.5	16
121	Synthesis of hydrocarbon polymers containing bulky dibenzobicyclic moiety by ROMP and their characteristic optical properties. Journal of Polymer Science Part A, 2014, 52, 1392-1400.	2.5	10
122	Promoting effect of thiophenols on the ring-opening polymerization of 1,3-benzoxazine. Journal of Polymer Science Part A, 2014, 52, 2523-2527.	2.5	13
123	Synthesis of methacrylate polymer bearing cyanate groups and its chemoselective reaction with amines. Journal of Polymer Science Part A, 2014, 52, 699-706.	2.5	5
124	Synthesis and property of polyoxazolidone having fluorene moiety by polyaddition of diisocyanate and diepoxide. Journal of Polymer Science Part A, 2014, 52, 1755-1760.	2.5	7
125	Thiol-functionalized 1,3-benzoxazine: Preparation and its use as a precursor for highly polymerizable benzoxazine monomers bearing sulfide moiety. Journal of Polymer Science Part A, 2014, 52, 1448-1457.	2.5	25
126	Selective nucleophilic additions to poly(methacrylate)s containing isothiocyanate moieties in the side chains and their application in cross-linking. Journal of Polymer Science Part A, 2014, 52, 1832-1842.	2.5	3

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127	Reversible crosslinking and decrosslinking of polymers containing alcohol moiety using an acyclic bifunctional vicinal triketone. <i>Journal of Polymer Science Part A</i> , 2014, 52, 921-928.	2.5	16
128	Supramolecular polymer gels formed from carboxy-terminated telechelic polybutadiene and polyamidine through amidinium-carboxylate salt bridge. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1815-1824.	2.5	18
129	Electrochemical deposition of polypeptides: bio-based covering materials for surface design. <i>Polymer Chemistry</i> , 2014, 5, 3929-3936.	1.9	45
130	Phosgene-free synthesis of polypeptides using activated urethane derivatives of L-amino acids: an efficient synthetic approach to hydrophilic polypeptides. <i>RSC Advances</i> , 2014, 4, 29890-29896.	1.7	27
131	Synthesis and characterization of conducting polymers containing polypeptide and ferrocene side chains as ethanol biosensors. <i>Polymer Chemistry</i> , 2014, 5, 6295-6306.	1.9	52
132	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.	2.5	8
133	Synthesis of amphiphilic block copolymer by metal-free ring-opening oligomerization of glycidyl phenyl ether initiated with tetra- <i>n</i> -butylammonium fluoride in the presence of poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Over	1.7	1
134	Chemical modification of polynorbornene: transformation of ester moiety containing polynorbornene to carboxylic acid structure. <i>Polymer Bulletin</i> , 2013, 70, 643-651.	1.7	1
135	Facile synthesis of poly(<i>l</i> -tryptophan) through polycondensation of activated urethane derivatives. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4565-4571.	2.5	12
136	Copolymerization of 2-isothiocyanatoethyl methacrylate and 2-hydroxyethyl methacrylate or methacrylic acid based on a nucleophile-tolerant property of the isothiocyanato group. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5221-5229.	2.5	4
137	Effective synthesis of cyclic carbonates from carbon dioxide and epoxides by phosphonium iodides as catalysts in alcoholic solvents. <i>Tetrahedron Letters</i> , 2013, 54, 7031-7034.	0.7	73
138	Synthesis and polymerization of styrene monomer carrying isothiocyanate moiety and its copolymerization with HEMA based on chemo-selectivity to nucleophiles. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5215-5220.	2.5	6
139	Cationic copolymerization behavior of epoxide and 3-isochromanone. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4213-4220.	2.5	6
140	Synthesis and radical polymerization of styrene-based monomer having a five-membered cyclic dithiocarbonate structure. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1398-1404.	2.5	5
141	Polymerization/Depolymerization System Based on Reversible Addition-Dissociation Reaction of 1,3-Benzoxazine with Thiol. <i>ACS Macro Letters</i> , 2013, 2, 1-4.	2.3	57
142	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.	2.5	20
143	Radical ring-opening polymerization of five-membered cyclic vinyl sulfone using <i>p</i> -toluenesulfonyl halides. <i>Journal of Polymer Science Part A</i> , 2013, 51, 222-227.	2.5	8
144	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.	2.5	9

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146	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.	2.5	21
147	Fast equilibrium of zwitterionic adduct formation in reversible fixation-release system of CO ₂ by amidines under dry conditions. <i>Tetrahedron</i> , 2013, 69, 5476-5480.	1.0	19
148	Phosgene-free synthesis of polypeptides: Useful synthesis for hydrophobic polypeptides through polycondensation of activated urethane derivatives of α -amino acids. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3726-3731.	2.5	37
149	Polyaddition of bifunctional 1,3-benzoxazine and 2-methylresorcinol. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3867-3872.	2.5	25
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151	Stable heterocumulene monomer in water; Synthesis and polymerization of (meth)acrylates having an isothiocyanate structure. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4522-4529.	2.5	7
152	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.	2.5	16
153	Capture and release of CO ₂ by polyamidine. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3404-3411.	2.5	24
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160	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.	2.5	34
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164	Conductive networked polymer gel electrolytes composed of poly(meth)acrylate, lithium salt, and ionic liquid. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1317-1324.	2.5	29
165	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.	2.5	27
166	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.	2.5	12
167	Useful synthetic method of polypeptides with well-defined structure by polymerization of activated urethane derivatives of α -amino acids. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2527-2532.	2.5	37
168	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
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182	Synthesis of a methacrylic monomer having pendant cyclohexene cyclic carbonate "Easy CO ₂ fixation and radical polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 545-549.	2.5	17
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185	Synthesis and photovoltaic behaviors of narrow-band-gap conjugated polymers composed of dialkoxybenzodithiophene and thiophene based fused aromatic rings. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1427-1433.	2.5	11
186	Functional benzoxazines containing ammonium salt of carboxylic acid: Synthesis and highly activated thermally induced ring-opening polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1724-1729.	2.5	18
187	Synthesis of networked polymers by copolymerization of monoepoxy substituted lithium sulfonylimide and diepoxy substituted poly(ethylene glycol), and their properties. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1874-1880.	2.5	53
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193	Preparation and properties of ionic liquid-containing poly(ethylene glycol)-based networked polymer films having lithium salt structures. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3582-3587.	2.5	31
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198	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. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5142-5151.	2.5	4

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203	Synthesis of Amphiphilic and Double-Hydrophilic Block Copolymers Containing Poly(vinyl amine) Segments by RAFT Polymerization of <i>N</i> -vinylphthalimide. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 45-56.	1.1	25
204	Controlled Synthesis of Alternating Copolymers by RAFT Copolymerization of <i>N</i> -vinylphthalimide with <i>N</i> -isopropylacrylamide. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 1137-1147.	1.1	11
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212	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.	2.5	11
213	Incorporation of ketone groups into poly(4-hydroxystyrene)s main chain by radical copolymerization of 4- <i>tert</i> -butoxy styrene and 2,2-diphenyl-4-methylene-1,3-dioxolane and their photocission. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4344-4350.	2.5	6
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215	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
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219	Acceleration effect of allyl group on thermally induced ring-opening polymerization of 1,3-benzoxazine. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5357-5363.	2.5	55
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