

Fumio Sanda

List of Publications by Year in descending order

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170
papers

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94269

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docs citations

171
times ranked

2845
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in ring-opening metathesis polymerization, and application to synthesis of functional materials. <i>Polymer Journal</i> , 2010, 42, 905-915.	1.3	295
2	Polymerization of substituted acetylenes and features of the formed polymers. <i>Polymer Chemistry</i> , 2011, 2, 1044-1058.	1.9	258
3	Star Polymer Synthesis from $\hat{\mu}$ -Caprolactone Utilizing Polyol/Protonic Acid Initiator. <i>Macromolecules</i> , 2002, 35, 680-683.	2.2	175
4	Polyaddition of bis(seven-membered cyclic carbonate) with diamines: A novel and efficient synthetic method for polyhydroxyurethanes. <i>Journal of Polymer Science Part A</i> , 2001, 39, 4091-4100.	2.5	105
5	Synthesis of Polyacetylenes Having Pendant Carbazole Groups and Their Photo- and Electroluminescence Properties. <i>Macromolecules</i> , 2004, 37, 2703-2708.	2.2	97
6	Polyacetylene and Polynorbornene Derivatives Carrying TEMPO. Synthesis and Properties as Organic Radical Battery Materials. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1206-1211.	2.0	97
7	Synthesis of Poly(diphenylacetylene) Membranes by Desilylation of Various Precursor Polymers and Their Properties. <i>Macromolecules</i> , 2005, 38, 2704-2709.	2.2	96
8	Conformational Transition between Random Coil and Helix of Poly(N-propargylamides). <i>Macromolecules</i> , 2004, 37, 1891-1896.	2.2	87
9	Design of Helical Poly(N-propargylamides) that Switch the Helix Sense with Thermal Stimuli. <i>Macromolecules</i> , 2004, 37, 1175-1179.	2.2	72
10	Controlled ring-opening polymerization of cyclic carbonates and lactones by an activated monomer mechanism. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2190-2198.	2.5	68
11	Transformation of Helical Sense of Poly(N-propargylamides) Controlled by Competition between Structurally Different Enantiomeric Amino Acids. <i>Macromolecules</i> , 2004, 37, 8888-8892.	2.2	67
12	Stereoregular Poly(N-propargylcarbamates) Having Helical Conformation Stabilized by the Intramolecular Hydrogen Bonds. <i>Macromolecules</i> , 2003, 36, 5076-5080.	2.2	56
13	Synthesis of Helical Poly(<i>cis</i> -N <i>propargyl</i> -propargylamides) Carrying Azobenzene Moieties in Side Chains. Reversible Arrangement-Disarrangement of Helical Side Chain Arrays upon Photoirradiation Keeping Helical Main Chain Intact. <i>Macromolecules</i> , 2007, 40, 7079-7088.	2.2	56
14	Determination of Helical Sense of Poly(N-propargylamides) by Exciton-Coupled Circular Dichroism. <i>Macromolecules</i> , 2005, 38, 9448-9454.	2.2	54
15	Tuning of Fluorescence by Controlling the Secondary Structure of Amino Acid-Based Poly(N-propargylamides) Having Pendant Pyrene Groups. <i>Macromolecules</i> , 2004, 37, 8893-8896.	2.2	52
16	Dynamically Stable Helices of Poly(N-propargylamides) with Bulky Aliphatic Groups. <i>Macromolecules</i> , 2004, 37, 5149-5154.	2.2	51
17	Synthesis and electro-optical properties of helical polyacetylenes carrying carbazole and triphenylamine moieties. <i>Polymer</i> , 2007, 48, 4628-4636.	1.8	50
18	Synthesis and Properties of F-Containing Poly(diphenylacetylene) Membranes. <i>Macromolecules</i> , 2005, 38, 8327-8332.	2.2	48

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19	Serine-Based Helical Polyacetylenes. Effect of Hydroxyl Group on the Secondary Structure. <i>Macromolecules</i> , 2005, 38, 10605-10608.	2.2	48
20	Helical polyacetylenes carrying 2,2,6,6-tetramethylpiperidinyloxy and 2,2,5,5-tetramethylpyrrolidinyloxy moieties: Their synthesis, properties, and function. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5431-5445.	2.5	48
21	Chiral 1-Methylpropargyl Alcohol: A Simple and Powerful Helical Source for Substituted Polyacetylenes. <i>Macromolecules</i> , 2007, 40, 1864-1867.	2.2	46
22	Synthesis and Chiroptical Properties of Hydroxyphenylglycine-Based Poly(<i>m</i> -phenyleneethynylene- <i>p</i> -phenyleneethynylene)s. <i>Macromolecules</i> , 2009, 42, 6115-6122.	2.2	45
23	Synthesis and Properties of Carbazole-Containing Poly(aryleneethylenes) and Poly(aryleneimines). <i>Macromolecules</i> , 2004, 37, 7578-7583.	2.2	43
24	Synthesis and properties of polyacetylenes carrying N-phenylcarbazole and triphenylamine moieties. <i>Polymer</i> , 2006, 47, 6551-6559.	1.8	43
25	Asymmetric reduction of aromatic ketimines in the presence of helical polymer as catalyst. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4971-4981.	2.5	42
26	Tune of the helix sense of amino acid-containing poly(N-propargylamides) by temperature and solvent. Control by competition between structurally different units with the same chirality. <i>Polymer</i> , 2005, 46, 2841-2846.	1.8	41
27	Helix Inversion and Aggregation Behavior of Chiral Poly(N-propargylamides). <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 323-332.	1.1	41
28	Alternating Ring-Opening Metathesis Copolymerization of Amino Acid Derived Norbornene Monomers Carrying Nonprotected Carboxy and Amino Groups Based on Acid-Base Interaction. <i>Journal of the American Chemical Society</i> , 2009, 131, 10546-10551.	6.6	41
29	Synthesis and helical conformation of poly(N-propargylamides) carrying L-aspartic acid in the side chain. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5168-5176.	2.5	40
30	Six-Membered Cyclic Carbonate Having Styrene Moiety as a Chemically Recyclable Monomer. Construction of Novel Cross-Linking-De-Cross-Linking System of Network Polymers. <i>Macromolecules</i> , 2005, 38, 7944-7949.	2.2	40
31	Synthesis, Chiroptical Properties, and Photoresponsiveness of Optically Active Poly(<i>m</i> -phenyleneethynylene)s Containing Azobenzene Moieties. <i>Macromolecules</i> , 2011, 44, 3338-3345.	2.2	40
32	Synthesis and Photoresponse of Helically Folded Poly(phenyleneethynylene)s Bearing Azobenzene Moieties in the Main Chains. <i>Macromolecules</i> , 2013, 46, 4378-4387.	2.2	40
33	Helical Polymer Carrying Helical Grafts from Peptide-Based Acetylene Macromonomers: Synthesis. <i>Macromolecular Bioscience</i> , 2004, 4, 570-574.	2.1	39
34	Synthesis, properties, and gas permeability of novel poly(diarylacetylene) derivatives. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5028-5038.	2.5	39
35	Control of Helical Sense and Tightness of Amino Acid-Based Poly(N-propargylamide) by Temperature and Solvents. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1653-1658.	1.1	38
36	Characterization of the Polymerization Catalyst [(2,5-norbornadiene)Rh{C(Ph) ₂ }(PPh ₃) ₃ }] and Identification of the End Structures of Poly(phenylacetylenes) Obtained by Polymerization Using This Catalyst. <i>Organometallics</i> , 2012, 31, 6834-6842.	1.1	38

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37	Synthesis of chiral polyacetylenes carrying amino acids and azobenzenes and transformation of the higher order structure by photoirradiation. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4641-4647.	2.5	37
38	ADMET Polycondensation of Diketopiperazine-Based Dienes. Polymerization Behavior and Effect of Diketopiperazine on the Properties of the Formed Polymers. <i>Macromolecules</i> , 2008, 41, 6041-6046.	2.2	37
39	Ring-Opening Metathesis Block Copolymerization of Amino Acid Functionalized Norbornene Monomers. Effects of Solvent and pH on Micelle Formation. <i>Macromolecules</i> , 2010, 43, 1815-1822.	2.2	37
40	Synthesis and Helical Structure of Poly(N-butynylamide)s Having Various Side Chains, Where the Helix Is Highly Affected by the Methyl Branch and the Lactone Moiety. <i>Macromolecules</i> , 2008, 41, 1086-1093.	2.2	36
41	ROMP of Norbornene Monomers Carrying Nonprotected Amino Groups with Ruthenium Catalyst. <i>Macromolecules</i> , 2009, 42, 1519-1525.	2.2	36
42	Synthesis of polymers bearing proline moieties in the side chains and their application as catalysts for asymmetric induction. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3783-3796.	2.5	36
43	Synthesis and properties of polynorbornenes bearing oligomeric siloxane pendant groups. <i>Polymer</i> , 2009, 50, 1389-1394.	1.8	35
44	Polymerization of Phenylacetylenes Using Rhodium Catalysts Coordinated by Norbornadiene Linked to a Phosphino or Amino Group. <i>Organometallics</i> , 2013, 32, 846-853.	1.1	34
45	Synthesis and chiral recognition properties of poly(N-propargylamide) gels derived from ornithine and lysine. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4175-4182.	2.5	33
46	Polymerization of N-Propargylamides with a Rh ⁺ -Vinyl Complex: Confirmation of the Presence of Long-Lived Active Species. <i>Macromolecules</i> , 2004, 37, 4044-4047.	2.2	32
47	Ring-opening metathesis polymerization of amino acid-functionalized norbornene derivatives. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5337-5343.	2.5	29
48	Synthesis and properties of conjugated polymers containing 3,9-linked and 2,9-linked carbazole units in the main chain. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3506-3517.	2.5	28
49	Synthesis and Secondary Structure of Polyacetylenes Carrying Diketopiperazine Moieties. The First Example of Helical Polymers Stabilized by cis-Amide-Based Hydrogen Bonding. <i>Macromolecules</i> , 2009, 42, 913-920.	2.2	28
50	Polymerization of vinyl ethers with transition-metal catalysts: An examination of the stereoregularity of the formed polymers. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3938-3943.	2.5	27
51	Novel pyridinium salts as cationic thermal and photoinitiators and their photosensitization properties. <i>Journal of Polymer Science Part A</i> , 2002, 40, 1037-1046.	2.5	26
52	Synthesis and properties of optically active amino acid based polyacetylenes bearing eugenol and fluorene moieties. <i>Journal of Polymer Science Part A</i> , 2006, 44, 810-819.	2.5	26
53	Living polymerization of phenylacetylenes catalyzed by cationic rhodium complexes bearing tetrafluorobenzobarrelene. <i>Polymer Journal</i> , 2011, 43, 51-57.	1.3	26
54	New Approach to the Polymerization of Disubstituted Acetylenes by Bulky Monophosphine-Ligated Palladium Catalysts. <i>ACS Macro Letters</i> , 2014, 3, 51-54.	2.3	26

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55	Synthesis and Properties of Helical Polyacetylenes Carrying Cholesteryl Moieties. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 823-832.	1.1	25
56	Copolymerization of Amino Acid Functionalized Norbornene Monomers. Synthesis of Amphiphilic Block Copolymers Forming Reverse Micelles. <i>Macromolecules</i> , 2008, 41, 305-311.	2.2	25
57	Polymerization of <i>ortho</i> -Substituted Phenylacetylenes with Well-Defined Ruthenium-Alkylidene Catalysts and Related Metathesis Initiators. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1891-1902.	1.1	25
58	Chirality amplification in helical block copolymers. Synthesis and chiroptical properties of block copolymers of chiral/achiral acetylene monomers. <i>Polymer Chemistry</i> , 2015, 6, 5931-5939.	1.9	25
59	Synthesis and Characterization of Poly(N-propargylsulfamides). <i>Macromolecules</i> , 2004, 37, 5538-5543.	2.2	24
60	Conformational Transition between Random Coil and Helix of Copolymers of N-Propargylamides. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1103-1107.	1.1	23
61	Photocationic and radical polymerizations of epoxides and acrylates by novel sulfonium salts. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3816-3827.	2.5	22
62	Synthesis and properties of blue light-emitting, silicon-containing, regio- and stereoregular conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2774-2783.	2.5	22
63	Novel Optically Active Polyacetylenes: Synthesis and Helical Conformation of L-Lysine-Dendronized Poly(phenylacetylene). <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1921-1926.	1.1	22
64	Ring-Opening Metathesis Polymerization of Amino Acid-Functionalized Norbornene Diamide Monomers: Polymerization Behavior and Chiral Recognition Ability of the Polymers. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 930-937.	1.1	22
65	3-Butyl- and Propargyl Cholesteryl Carbonates. Chiroptical and Liquid Crystalline Properties of their Polymers. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1992-1999.	1.1	21
66	Synthesis of end-functionalized poly(phenylacetylene)s with well-characterized palladium catalysts. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5549-5556.	2.5	21
67	Synthesis of Novel Optically Active Poly(phenyleneethynylene-aryleneethynylene)s Bearing Hydroxy Groups. Examination of the Chiroptical Properties and Conjugation Length. <i>Macromolecules</i> , 2013, 46, 8896-8904.	2.2	21
68	Synthesis of platinum-containing poly(phenyleneethynylene)s having various chromophores: aggregation and optical properties. <i>Polymer Chemistry</i> , 2016, 7, 1070-1078.	1.9	21
69	Synthesis and Gas Permeation Properties of Para-Substituted Poly(1-chloro-2-phenylacetylenes). <i>Macromolecules</i> , 2006, 39, 243-248.	2.2	20
70	Synthesis and Polymerization of Optically Active N-Propargylphosphoramidates: A Novel Helical Polymer Carrying a P-Chiral Center. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1460-1464.	2.0	20
71	Synthesis and Helical Structure of Poly(1-methylpropargyl ester)s with Various Side Chains. <i>Chemistry - an Asian Journal</i> , 2008, 3, 2075-2081.	1.7	20
72	Ligand Exchange Reaction for Controlling the Conformation of Platinum-Containing Polymers. <i>Macromolecules</i> , 2018, 51, 815-824.	2.2	20

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73	Novel sulfonium salts as thermal and photoinitiators for epoxide and acrylate polymerizations. <i>Journal of Applied Polymer Science</i> , 2004, 91, 589-597.	1.3	19
74	Synthesis and properties of polyacetylenes containing carbazolymethyl groups. <i>Polymer</i> , 2004, 45, 7831-7837.	1.8	19
75	Synthesis of Hydroxy Group-Containing Poly(<i>N</i> -Propargylamides): Examination of the Secondary Structure and Chiral Recognition Ability of the Polymers. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 112-118.	1.1	19
76	Tyrosine-based poly(<i>m</i> -phenyleneethynylene- <i>p</i> -phenyleneethynylene)s. Helix folding and responsiveness to a base. <i>Polymer</i> , 2010, 51, 2255-2263.	1.8	19
77	Diethyl ketone-based imine as efficient latent hardener for epoxy resin. <i>Journal of Applied Polymer Science</i> , 2002, 83, 1744-1749.	1.3	18
78	Homo- and <i>R/S</i> -copolymerizations of chiral methylpropargyl esters carrying pyrene moieties, and optical properties of the formed polymers. <i>Polymer</i> , 2007, 48, 6491-6500.	1.8	18
79	Molecular weight dependence of helical conformation of amino acid-based polyphenylacetylenes. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4921-4925.	2.5	18
80	Polymerization of substituted phenylacetylenes with a novel, water-soluble Rh-vinyl complex in water. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2100-2105.	2.5	17
81	Synthesis and Properties of a Novel Polyacetylene Containing Eugenol Moieties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2004, 41, 133-141.	1.2	17
82	Synthesis and Properties of Polyacetylenes Connecting Carbazole at the 2- and 3-Positions: Effect of Polymerization Catalysts and Substitution Positions on the Optoelectronic Properties. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 765-771.	1.1	17
83	Synthesis and chiroptical properties of amino acid-derived poly(methylpropargyl ester)s. <i>European Polymer Journal</i> , 2009, 45, 448-454.	2.6	17
84	Synthesis of End-Functionalized Polyacetylenes that Contain Polar Groups by Employing Well-Defined Palladium Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 14085-14093.	1.7	17
85	Synthesis of Optically Active Poly(<i>m</i> -phenyleneethynylene- <i>aryleneethynylene</i>)s Bearing Hydroxy Groups and Examination of the Higher Order Structures. <i>Macromolecules</i> , 2013, 46, 8161-8170.	2.2	17
86	Synthesis of Optically Active Conjugated Polymers Bearing <i>m</i> -Terphenylene Moieties by Acetylenic Coupling Polymerization: Chiral Aggregation and Optical Properties of the Product Polymers. <i>Macromolecules</i> , 2014, 47, 1594-1603.	2.2	17
87	Synthesis and Helical Structures of Poly(<i>alkynamide</i>)s Having Chiral Side Chains: Effect of Solvent on Their Screw-Sense Inversion. <i>Chemistry - A European Journal</i> , 2014, 20, 15131-15143.	1.7	17
88	Sonogashira-Hagihara and Mizoroki-Heck Coupling Polymerizations Catalyzed by Pd Nanoclusters. <i>Macromolecules</i> , 2017, 50, 4083-4087.	2.2	17
89	Synthesis and crosslinking reaction of polyacetylenes substituted with benzoxazine rings: Thermally highly stable benzoxazine resins. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1884-1893.	2.5	17
90	Polymerization of a Disubstituted Acetylene Using Palladium Catalysts. <i>Chemistry Letters</i> , 2015, 44, 1200-1201.	0.7	16

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91	Synthesis of optically active conjugated polymers containing platinum in the main chain: Control of the higher-order structures by substituents and solvents. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2452-2461.	2.5	16
92	Degradation and geometric isomerization of poly(N-propargylamides). <i>Polymer</i> , 2004, 45, 7395-7400.	1.8	15
93	Photocationic and radical polymerizations by novel N-phenacylammonium salts. <i>Journal of Applied Polymer Science</i> , 2004, 91, 3470-3476.	1.3	15
94	Chiroptical study and conformation analysis of helical polymers surrounded by helical hydrogen-bonding strands. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 572-577.	2.8	15
95	Synthesis and chiroptical properties of optically active poly(ethynylcarbazole) derivatives: Substituent effect on the helix formation. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4450-4458.	2.5	15
96	Synthesis and properties of conjugated polymers containing 3,9-carbazolyne and silylenevinylene moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1815-1821.	2.5	15
97	Stabilization of higher-order structure of poly(phenyleneethynylene)s by metathesis polymerization at the side chains. <i>Polymer</i> , 2012, 53, 2559-2566.	1.8	15
98	Synthesis and Cross-Linking of a Benzoxazine-Containing Anthracene Moiety: Thermally Stable Photoluminescent Benzoxazine Resin. <i>Macromolecules</i> , 2020, 53, 6640-6648.	2.2	15
99	Polycondensation of Diketopiperazine-based Dicarboxylic Acids with Diamines and Dibromoxylenes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007, 44, 789-794.	1.2	14
100	Controlled helical orientation of carbazole in amino acid derived poly(N-propargylamide)s. <i>Journal of Polymer Science Part A</i> , 2007, 45, 253-261.	2.5	14
101	Helix-sense-selective Polymerization of Achiral Acetylene Monomer Catalyzed by Rh Zwitterionic Complexes with Tethered Chiral Amino and Ether Groups. <i>Chemistry Letters</i> , 2013, 42, 278-280.	0.7	14
102	Effect of phosphine ligand on the optical absorption/emission properties of platinum-containing conjugated polymers. <i>Polymer Chemistry</i> , 2018, 9, 1772-1779.	1.9	14
103	Synthesis and photoisomerization of poly(1-methylpropargyl ester)s carrying azobenzene moieties. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4749-4761.	2.5	13
104	Propargyl amino acid-derived optically active novel substituted polyacetylenes: Synthesis, secondary structures, and responsiveness to ions. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2008-2018.	2.5	13
105	Synthesis and properties of amino acid esters of hydroxypropyl cellulose. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2326-2334.	2.5	12
106	Synthesis and gas permeation properties of poly(diarylacetylene)s having substituted and twisted biphenyl moieties. <i>Journal of Polymer Science Part A</i> , 2010, 48, 861-868.	2.5	12
107	Photoinduced Formation of an Azobenzene-Based CD-Active Supramolecular Cyclic Dimer. <i>Chemistry - A European Journal</i> , 2015, 21, 6747-6755.	1.7	12
108	Synthesis and Properties of Novel Optically Active Platinum-containing Poly(phenyleneethynylene)s. <i>Chemistry Letters</i> , 2016, 45, 937-939.	0.7	12

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109	Synthesis of Platinum-Containing Conjugated Polymers Bearing Optically Active Amide Groups: A Mechanistic Study of Chiral Aggregation. <i>Macromolecules</i> , 2020, 53, 11077-11088.	2.2	12
110	Reaction of glycidyl phenyl ether with imines: A model study of latent hardeners of epoxy resins in the presence of water. <i>Journal of Polymer Science Part A</i> , 2002, 40, 971-975.	2.5	11
111	One-pot curing system of epoxy resin imines initiated with water. <i>Journal of Applied Polymer Science</i> , 2003, 88, 878-882.	1.3	11
112	Synthesis and absorption/emission properties of novel poly(silylenearylenevinylene)s. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3615-3624.	2.5	11
113	Reaction of carbon dioxide with glycidol: The synthesis of a novel hyperbranched oligomer with a carbonate main chain with a hydroxyl terminal. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2506-2511.	2.5	11
114	Cyclopolymerization of Amino Acid-Based Diynes and Properties of the Obtained Polymers. Chiral Recognition and Metal Ion Extraction. <i>Polymer Bulletin</i> , 2005, 55, 341-347.	1.7	11
115	Controlled Polymerization of Phenylacetylenes Using Well-Defined Rhodium Catalysts. <i>Macromolecular Symposia</i> , 2015, 350, 67-75.	0.4	11
116	Controlled cationic ring-opening polymerization of cyclic thiocarbonates with ester groups. <i>Journal of Polymer Science Part A</i> , 2003, 41, 185-195.	2.5	10
117	Samarium enolate on crosslinked polystyrene beads. II. An anionic initiator for the well-defined synthesis of poly(allyl methacrylate) on a solid support. <i>Journal of Polymer Science Part A</i> , 2003, 41, 853-860.	2.5	10
118	Synthesis and properties of poly(phenylacetylenes) having two polar groups or one cyclic polar group on the phenyl ring. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5943-5953.	2.5	10
119	Helical poly(phenylacetylene) derived from L-tyrosine: A promising candidate for functional helical polymers carrying transformable N- and C-termini. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1691-1698.	2.5	10
120	Synthesis and Properties of Novel Optically Active Poly(thiopheneethynylene-phenyleneethynylene)s. <i>Chemistry Letters</i> , 2015, 44, 1013-1015.	0.7	10
121	Synthesis of diblock copolymers of indomethacin/aspartic acid conjugated norbornenes and characterization of their self-assembled nanostructures as drug carriers. <i>European Polymer Journal</i> , 2016, 85, 211-224.	2.6	10
122	Transformer of Achiral Amounts to Chirality: Double Reversal of Enantioselectivity Using a Single Cocatalyst in Asymmetric Polymerization. <i>Macromolecules</i> , 2017, 50, 7468-7474.	2.2	10
123	Substituent effect on the cationic ring-opening polymerization of acyloxymethyl five-member cyclic dithiocarbonates. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3967-3980.	2.5	9
124	Solution Phase and Solid Supported Syntheses of End-Functionalized Poly(MMA) by Aldol-Type Reaction of Samarium(III) Enolate at the Chain End. <i>Macromolecules</i> , 2002, 35, 6845-6850.	2.2	9
125	Synthesis and Chiroptical Properties of L-Serine-Based Poly(phenylacetylenes). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007, 44, 389-394.	1.2	9
126	Synthesis and properties of helical poly(phenylacetylene) derivatives. Effect of chirality combination on the helicity. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4183-4192.	2.5	9

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127	Synthesis of poly(1-chloro-2-acrylacetylene)s with high cis-content and examination of their absorption/emission properties. <i>Journal of Polymer Science Part A</i> , 2017, 55, 382-388.	2.5	9
128	One-component epoxy resin with imine as water-initiated latent hardener: Improvement of the mechanical and adhesive properties by the addition of methacrylate copolymer. <i>Journal of Applied Polymer Science</i> , 2005, 96, 1943-1949.	1.3	8
129	Synthesis and helicity of optically active poly(N-propargylphosphonamidates) having chiral phosphorus center. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1515-1524.	2.5	8
130	Synthesis and Functions of Optically Active Helical Conjugated Polymers. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2008, 66, 757-764.	0.0	8
131	Synthesis and properties of amino acid-derived optically active photo-responsive polymers. <i>Polymer Bulletin</i> , 2009, 63, 803-813.	1.7	8
132	Amino acid-functionalized ethyl cellulose: Synthesis, characterization, and gas permeation properties. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3986-3993.	2.5	8
133	Synthesis of Platinum-Containing Conjugated Polymers Having QuinoxP* and Bipyridine Ligands. Chirality Transfer from the Phosphine Ligand to the Polymer Backbone. <i>Macromolecules</i> , 2020, 53, 2031-2038.	2.2	8
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