

Fumio Sanda

List of Publications by Year in Descending Order

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

166
papers

3,928
citations

35
h-index

52
g-index

171
ext. papers

4,213
ext. citations

3.6
avg, IF

5.32
L-index

#	Paper	IF	Citations
166	Photo-Triggered Chiroptical Switching of Platinum Complexes Bearing Azobenzene Moieties. <i>Organometallics</i> , 2021 , 40, 3550-3559	3.8	0
165	Highly photoluminescent poly(norbornene)s carrying platinum-acetylide complex moieties in their side chains: evaluation of oxygen sensing and TTA. <i>Polymer Chemistry</i> , 2021 , 12, 4829-4837	4.9	1
164	Reinvestigation of thermal isomerization of cis-stereoregulated poly(phenylacetylene) by spectroscopic study and DFT calculation. <i>Polymer</i> , 2021 , 229, 124013	3.9	0
163	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	5.5	2
162	Synthesis of Platinum-Containing Conjugated Polymers Bearing Optically Active Amide Groups: A Mechanistic Study of Chiral Aggregation. <i>Macromolecules</i> , 2020 , 53, 11077-11088	5.5	1
161	Synthesis and Cross-Linking of a Benzoxazine-Containing Anthracene Moiety: Thermally Stable Photoluminescent Benzoxazine Resin. <i>Macromolecules</i> , 2020 , 53, 6640-6648	5.5	8
160	Synthesis and photoisomerization behavior of polyamide-phenyleneethynyls bearing azobenzene moieties in the main chain. <i>Polymer Bulletin</i> , 2020 , 77, 1121-1134	2.4	1
159	Conjugated helical polymers: End-group control and coupling reactions. <i>Polymer</i> , 2019 , 166, 108-114	3.9	3
158	Thermo-responsive micelles prepared from brush-like block copolymers of proline- and oligo(lactide)-functionalized norbornenes. <i>Polymer</i> , 2019 , 177, 178-188	3.9	4
157	Synthesis, Chiroptical, and Redox Properties of Ferrocene-Containing Optically Active Polymers. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1900282	3.9	2
156	Polymerization of Substituted Acetylenes Using Well-Defined Rhodium Complex Catalyst. Chirality Transfer and Amplification in Chiral-Chiral Block and Random Copolymers. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1900275	3.9	1
155	Synthesis and crosslinking reaction of a novel polymer containing benzoxazine and phenyleneethynylene moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 2581-2589	2.5	3
154	Effect of phosphine ligand on the optical absorption/emission properties of platinum-containing conjugated polymers. <i>Polymer Chemistry</i> , 2018 , 9, 1772-1779	4.9	6
153	Ligand Exchange Reaction for Controlling the Conformation of Platinum-Containing Polymers. <i>Macromolecules</i> , 2018 , 51, 815-824	5.5	10
152	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	10
151	Macroporous scaffolds: Molecular brushes based on oligo(lactic acid)-amino acid- γ -domethacin conjugated poly(norbornene)s. <i>European Polymer Journal</i> , 2018 , 98, 162-171	5.2	7
150	Synthesis of block copolymers using end-functionalized polyacetylenes as macroinitiators. <i>Polymer Chemistry</i> , 2018 , 9, 3855-3863	4.9	4

149	Sonogashira-Hagihara and Mizoroki Heck Coupling Polymerizations Catalyzed by Pd Nanoclusters. <i>Macromolecules</i> , 2017 , 50, 4083-4087	5.5	15
148	Synthesis of poly(1-chloro-2-arylacetylene)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	8
147	Synthesis of novel optically active poly(thiophenyleneethynylene)s. Effects of chirality competition and cooperation at the side chains on higher order structures. <i>Polymer</i> , 2017 , 130, 250-257	3.9	3
146	Transformer of Achiral Amounts to Chirality: Double Reversal of Enantioselectivity Using a Single Cocatalyst in Asymmetric Polymerization. <i>Macromolecules</i> , 2017 , 50, 7468-7474	5.5	10
145	Polymerization of optically active disubstituted acetylene monomers by Pd catalyst bearing bulky phosphine ligand. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 3011-3016	2.5	5
144	Synthesis and Properties of Amino Acid-based Optically Active Poly(benzoxazine)s. <i>Journal of the Adhesion Society of Japan</i> , 2017 , 53, 338-347	0.1	1
143	Synthesis and Properties of Novel Optically Active Platinum-containing Poly(phenyleneethynylene)s. <i>Chemistry Letters</i> , 2016 , 45, 937-939	1.7	6
142	Synthesis of platinum-containing poly(phenyleneethynylene)s having various chromophores: aggregation and optical properties. <i>Polymer Chemistry</i> , 2016 , 7, 1070-1078	4.9	13
141	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	5.2	10
140	Synthesis and polymerization of phenylacetylene having two carbazole units and properties of the formed polymer. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 1245-1251	2.5	5
139	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	4.9	22
138	Synthesis and Properties of Novel Optically Active Poly(thiophenyleneethynylene-phenyleneethynylene)s. <i>Chemistry Letters</i> , 2015 , 44, 1013-1015	1.7	7
137	Polymerization of a Disubstituted Acetylene Using Palladium Catalysts. <i>Chemistry Letters</i> , 2015 , 44, 1200-1201	1.7	13
136	Polymerization of Substituted Acetylenes by Well-defined Palladium Complex Catalysts. <i>Kobunshi Ronbunshu</i> , 2015 , 72, 208-217	0	
135	Controlled Polymerization of Phenylacetylenes Using Well-Defined Rhodium Catalysts. <i>Macromolecular Symposia</i> , 2015 , 350, 67-75	0.8	8
134	Synthesis and copolymerization of oligo(lactic acid) derived norbornene macromonomers with amino acid derived norbornene monomer: Formation of the 3D macroporous scaffold. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 1660-1670	2.5	5
133	Photoinduced formation of an azobenzene-based CD-active supramolecular cyclic dimer. <i>Chemistry - A European Journal</i> , 2015 , 21, 6747-55	4.8	8
132	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	10

131	Synthesis of Optically Active Conjugated Polymers Bearing m-Terphenylene Moieties by Acetylenic Coupling Polymerization: Chiral Aggregation and Optical Properties of the Product Polymers. <i>Macromolecules</i> , 2014 , 47, 1594-1603	5.5	14
130	New Approach to the Polymerization of Disubstituted Acetylenes by Bulky Monophosphine-Ligated Palladium Catalysts. <i>ACS Macro Letters</i> , 2014 , 3, 51-54	6.6	22
129	Synthesis and Properties of Poly(phenyleneethynylene)s Bearing Perylene Moieties at the Side Chains. <i>Chemistry Letters</i> , 2014 , 43, 1622-1624	1.7	4
128	Synthesis and helical structures of poly(alkynamide)s having chiral side chains: effect of solvent on their screw-sense inversion. <i>Chemistry - A European Journal</i> , 2014 , 20, 15131-43	4.8	12
127	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	5.5	15
126	Synthesis of Optically Active Poly(m-phenyleneethynylene-aryleneethynylene)s Bearing Hydroxy Groups and Examination of the Higher Order Structures. <i>Macromolecules</i> , 2013 , 46, 8161-8170	5.5	11
125	Polymerization of Phenylacetylenes Using Rhodium Catalysts Coordinated by Norbornadiene Linked to a Phosphino or Amino Group. <i>Organometallics</i> , 2013 , 32, 846-853	3.8	27
124	Synthesis and Photoresponse of Helically Folded Poly(phenyleneethynylene)s Bearing Azobenzene Moieties in the Main Chains. <i>Macromolecules</i> , 2013 , 46, 4378-4387	5.5	29
123	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	1.7	14
122	Characterization of the Polymerization Catalyst [(2,5-norbornadiene)Rh{C(Ph)CPh ₂ }(PPh ₃)] and Identification of the End Structures of Poly(phenylacetylenes) Obtained by Polymerization Using This Catalyst. <i>Organometallics</i> , 2012 , 31, 6834-6842	3.8	32
121	Stabilization of higher-order structure of poly(phenyleneethynylene)s by metathesis polymerization at the side chains. <i>Polymer</i> , 2012 , 53, 2559-2566	3.9	12
120	Synthesis of end-functionalized polyacetylenes that contain polar groups by employing well-defined palladium catalysts. <i>Chemistry - A European Journal</i> , 2012 , 18, 14085-93	4.8	14
119	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}	2.5	11
118	Polymerization of substituted acetylenes and features of the formed polymers. <i>Polymer Chemistry</i> , 2011 , 2, 1044-1058	4.9	232
117	Living polymerization of phenylacetylenes catalyzed by cationic rhodium complexes bearing tetrafluorobenzobarrelene. <i>Polymer Journal</i> , 2011 , 43, 51-57	2.7	22
116	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	31
115	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	15
114	Synthesis, Chiroptical Properties, and Photoresponsiveness of Optically Active Poly(m-phenyleneethynylene)s Containing Azobenzene Moieties. <i>Macromolecules</i> , 2011 , 44, 3338-3345	5.5	35

113	Recent advances in ring-opening metathesis polymerization, and application to synthesis of functional materials. <i>Polymer Journal</i> , 2010 , 42, 905-915	2.7	232
112	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	5.5	34
111	Tyrosine-based poly(m-phenyleneethynylene-p-phenyleneethynylene)s. Helix folding and responsiveness to a base. <i>Polymer</i> , 2010 , 51, 2255-2263	3.9	16
110	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
109	Synthesis and properties of conjugated polymers containing 3,9-carbazolyene and silylenevinylene moieties in the main chain. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1815-1821	2.5	14
108	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
107	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	18
106	Synthesis of Novel Diketopiperazine-derivative and Observation of Self-Assembled Structure. <i>Heterocycles</i> , 2009 , 78, 2523	0.8	1
105	Synthesis of Helical Poly(Phenyleneethynylene-Pyromellitic Diimide)s and the Responsiveness of the Helicity to Solvents, Heat, and pH. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 331-339	2.6	
104	Polymerization of ortho-Substituted Phenylacetylenes with Well-Defined Ruthenium-Alkylidene Catalysts and Related Metathesis Initiators. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 1891-1902	2.6	23
103	Synthesis and properties of amino acid-derived optically active photo-responsive polymers. <i>Polymer Bulletin</i> , 2009 , 63, 803-813	2.4	8
102	Synthesis and properties of conjugated polymers containing 3,9- and 2,9-linked carbazole units in the main chain. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 3506-3517	2.5	27
101	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	12
100	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	41
99	Synthesis and properties of polynorbornenes bearing oligomeric siloxane pendant groups. <i>Polymer</i> , 2009 , 50, 1389-1394	3.9	31
98	Synthesis and chiroptical properties of amino acid-derived poly(methylpropargyl ester)s. <i>European Polymer Journal</i> , 2009 , 45, 448-454	5.2	17
97	Synthesis and Chiroptical Properties of Hydroxyphenylglycine-Based Poly(m-phenyleneethynylene-p-phenyleneethynylene)s. <i>Macromolecules</i> , 2009 , 42, 6115-6122	5.5	40
96	Synthesis and Secondary Structure of Polyacetylenes Carrying Diketopiperazine Moieties. The First Example of Helical Polymers Stabilized by s-cis-Amide-Based Hydrogen Bonding. <i>Macromolecules</i> , 2009 , 42, 913-920	5.5	25

95	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, 10546-51	16.4	34
94	ROMP of Norbornene Monomers Carrying Nonprotected Amino Groups with Ruthenium Catalyst. <i>Macromolecules</i> , 2009 , 42, 1519-1525	5.5	32
93	Diketopiperazine Supramolecule Derived from Hydroxyphenylglycine. <i>Heterocycles</i> , 2009 , 78, 1477	0.8	2
92	Copolymerization of Amino Acid Functionalized Norbornene Monomers. Synthesis of Amphiphilic Block Copolymers Forming Reverse Micelles. <i>Macromolecules</i> , 2008 , 41, 305-311	5.5	25
91	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	5.5	35
90	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	5.5	35
89	Synthesis and Functions of Optically Active Helical Conjugated Polymers. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2008 , 66, 757-764	0.2	7
88	Synthesis and Chiroptical Properties of Poly(phenylacetylene)s Carrying Two Amino Acid Moieties per Monomer Unit. <i>Polymer Bulletin</i> , 2008 , 60, 159-167	2.4	2
87	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
86	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	29
85	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
84	Synthesis of Hydroxy Group-Containing Poly(N-Propargylamides): Examination of the Secondary Structure and Chiral-Recognition Ability of the Polymers. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 112-118	2.6	18
83	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	2.6	22
82	Synthesis and helical structure of poly(1-methylpropargyl ester)s with various side chains. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 2075-81	4.5	20
81	Synthesis and Chiroptical Properties of L-Serine-Based Poly(phenylacetylenes). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 389-394	2.2	8
80	Synthesis of Helical Poly(N-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	5.5	51
79	Polycondensation of Diketopiperazine-based Dicarboxylic Acids with Diamines and Dibromoxylenes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 789-794	2.2	9
78	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	2.6	16

77	Synthesis and Properties of Helical Polyacetylenes Carrying Cholesteryl Moieties. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 823-832	2.6	24
76	3-Butyl-2-yl- and Propargyl Cholesteryl Carbonates. Chiroptical and Liquid Crystalline Properties of their Polymers. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 1992-1999	2.6	20
75	Synthesis and electro-optical properties of helical polyacetylenes carrying carbazole and triphenylamine moieties. <i>Polymer</i> , 2007 , 48, 4628-4636	3.9	49
74	Homo- and R/S-copolymerizations of chiral methylpropargyl esters carrying pyrene moieties, and optical properties of the formed polymers. <i>Polymer</i> , 2007 , 48, 6491-6500	3.9	15
73	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	13
72	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
71	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	9
70	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	13
69	Helical polyacetylenes carrying 2,2,6,6-tetramethyl-1-piperidinyloxy and 2,2,5,5-tetramethyl-1-pyrrolidinyloxy moieties: Their synthesis, properties, and function. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 5431-5445	2.5	42
68	Synthesis and Properties of Substituted Polyacetylenes Having Cyclohexyl Groups. <i>Polymer Journal</i> , 2007 , 39, 968-974	2.7	7
67	Chiral 1-Methylpropargyl Alcohol: A Simple and Powerful Helical Source for Substituted Polyacetylenes. <i>Macromolecules</i> , 2007 , 40, 1864-1867	5.5	39
66	Synthesis and properties of polyacetylenes carrying N-phenylcarbazole and triphenylamine moieties. <i>Polymer</i> , 2006 , 47, 6551-6559	3.9	42
65	Novel Optically Active Polyacetylenes: Synthesis and Helical Conformation of L-Lysine-Dendronized Poly(phenylacetylene). <i>Macromolecular Chemistry and Physics</i> , 2006 , 207, 1921-1926	2.6	20
64	Polyacetylene and Polynorbornene Derivatives Carrying TEMPO. Synthesis and Properties as Organic Radical Battery Materials. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1206-1211	4.8	86
63	Synthesis and Polymerization of Optically Active N-Propargylphosphonamidates: A Novel Helical Polymer Carrying a P-Chiral Center. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1460-1464	4.8	15
62	Synthesis and Gas Permeation Properties of Para-Substituted Poly(1-chloro-2-phenylacetylenes). <i>Macromolecules</i> , 2006 , 39, 243-248	5.5	19
61	Secondary Structures and Properties of Helical Poly (N-alkynylamides). <i>Kobunshi Ronbunshu</i> , 2006 , 63, 286-296	0	2
60	Ring-opening metathesis polymerization of amino acid-functionalized norbornene derivatives. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5337-5343	2.5	27

59	Synthesis, properties, and gas permeability of novel poly(diarylacetylene) derivatives. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5028-5038	2.5	35
58	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
57	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	24
56	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	7.1	14
55	Serine-Based Helical Polyacetylenes. Effect of Hydroxyl Group on the Secondary Structure. <i>Macromolecules</i> , 2005 , 38, 10605-10608	5.5	45
54	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	5.5	38
53	Synthesis of Poly(diphenylacetylene) Membranes by Desilylation of Various Precursor Polymers and Their Properties. <i>Macromolecules</i> , 2005 , 38, 2704-2709	5.5	92
52	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	3.9	39
51	Synthesis and Properties of F-Containing Poly(diphenylacetylene) Membranes. <i>Macromolecules</i> , 2005 , 38, 8327-8332	5.5	44
50	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	2.9	6
49	Helix Inversion and Aggregation Behavior of Chiral Poly(N-propargylamides). <i>Macromolecular Chemistry and Physics</i> , 2005 , 206, 323-332	2.6	40
48	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	2.6	37
47	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	2.4	11
46	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	38
45	Determination of Helical Sense of Poly(N-propargylamides) by Exciton-Coupled Circular Dichroism. <i>Macromolecules</i> , 2005 , 38, 9448-9454	5.5	47
44	Degradation and geometric isomerization of poly(N-propargylamides). <i>Polymer</i> , 2004 , 45, 7395-7400	3.9	15
43	Synthesis and Properties of Novel Eugenol-Based Polymers. <i>Polymer Bulletin</i> , 2004 , 52, 93	2.4	5
42	Polymerization of substituted phenylacetylenes with a novel, water-soluble Rh ^{III} vinyl complex in water. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 2100-2105	2.5	13

41	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	8
40	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	19
39	Role of cyclic dithiocarbonate as a promoter in the reaction of epoxide and imine in the presence of water. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4276-4283	2.5	6
38	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	35
37	Novel sulfonium salts as thermal and photoinitiators for epoxide and acrylate polymerizations. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 589-597	2.9	18
36	Photocationic and radical polymerizations by novel N-phenacylammonium salts. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 3470-3476	2.9	15
35	Promotion effect of bifunctional five-membered cyclic dithiocarbonate on curing of one-component epoxy resin by imines as latent initiator. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 961-964	2.9	3
34	Helical polymer carrying helical grafts from peptide-based acetylene macromonomers: synthesis. <i>Macromolecular Bioscience</i> , 2004 , 4, 570-4	5.5	37
33	Conformational Transition between Random Coil and Helix of Copolymers of N-Propargylamides. <i>Macromolecular Chemistry and Physics</i> , 2004 , 205, 1103-1107	2.6	22
32	Synthesis and properties of polyacetylenes containing carbazolymethyl groups. <i>Polymer</i> , 2004 , 45, 7831-7837	5.5	17
31	Synthesis and Properties of a Novel Polyacetylene Containing Eugenol Moieties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2004 , 41, 133-141	2.2	14
30	Transformation of Helical Sense of Poly(N-propargylamides) Controlled by Competition between Structurally Different Enantiomeric Amino Acids. <i>Macromolecules</i> , 2004 , 37, 8888-8892	5.5	64
29	Design of Helical Poly(N-propargylamides) that Switch the Helix Sense with Thermal Stimuli. <i>Macromolecules</i> , 2004 , 37, 1175-1179	5.5	67
28	Synthesis of Polyacetylenes Having Pendant Carbazole Groups and Their Photo- and Electroluminescence Properties. <i>Macromolecules</i> , 2004 , 37, 2703-2708	5.5	96
27	Controlled Depolymerization of Poly(5-ethyl-5-phenyl-1,3-dioxan-2-one): Selective Liberation of Cyclic Carbonate Monomer from Polymer Chain End. <i>Macromolecules</i> , 2004 , 37, 251-253	5.5	2
26	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	5.5	26
25	Conformational Transition between Random Coil and Helix of Poly(N-propargylamides). <i>Macromolecules</i> , 2004 , 37, 1891-1896	5.5	73
24	Synthesis and Characterization of Poly(N-propargylsulfamides). <i>Macromolecules</i> , 2004 , 37, 5538-5543	5.5	22

23	Dynamically Stable Helices of Poly(N-propargylamides) with Bulky Aliphatic Groups. <i>Macromolecules</i> , 2004 , 37, 5149-5154	5.5	48
22	Synthesis and Properties of Carbazole-Containing Poly(aryleneethylenes) and Poly(aryleneimines). <i>Macromolecules</i> , 2004 , 37, 7578-7583	5.5	42
21	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	5.5	48
20	Living ring-opening polymerization of cyclic thiocarbonate. <i>Macromolecular Symposia</i> , 2003 , 192, 25-30	0.8	0
19	One-pot curing system of epoxy resin imines initiated with water. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 878-882	2.9	10
18	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
17	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
16	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
15	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	20
14	Novel N-methylbenzothiazolium salts as hardeners for epoxy and acrylate monomers. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 3828-3837	2.5	5
13	Stereoregular Poly(N-propargylcarbamates) Having Helical Conformation Stabilized by the Intramolecular Hydrogen Bonds. <i>Macromolecules</i> , 2003 , 36, 5076-5080	5.5	50
12	Diethyl ketone-based imine as efficient latent hardener for epoxy resin. <i>Journal of Applied Polymer Science</i> , 2002 , 83, 1744-1749	2.9	16
11	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
10	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	24
9	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	57
8	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	22
7	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	5.5	9
6	Star Polymer Synthesis from ϵ -Caprolactone Utilizing Polyol/Protonic Acid Initiator. <i>Macromolecules</i> , 2002 , 35, 680-683	5.5	158

5	SYNTHESIS AND PROPERTIES OF POLYACETYLENES HAVING SUBSTITUTED AZOBENZENE PENDANT GROUPS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2002 , 39, 901-913	2.2	5
4	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	7
3	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	91
2	Main-chain type benzoxazine polymers consisting of polypropylene glycol and phenyleneethynylene units: spacer effect on curing behavior and thermomechanical properties. <i>Polymer Journal</i> ,	2.7	1
1	Polymerization of Substituted Acetylenes375-406		34