

Eiji Yashima

List of Publications by Year in descending order

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135
papers

18,424
citations

5558

82
h-index

13727

129
g-index

143
all docs

143
docs citations

143
times ranked

8887
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular Helical Assemblies of Dirhodium(II) Paddlewheels with 1,4-Diazabicyclo[2.2.2]octane: A Remarkable Substituent Effect on the Helical Sense Preference and Amplification of the Helical Handedness Excess of Metallo-Supramolecular Helical Polymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 2775-2792.	6.6	21
2	Editors' note. <i>Chirality</i> , 2022, 34, 699-700.	1.3	0
3	Consecutively fused single-, double-, and triple-expanded helicenes. <i>Natural Sciences</i> , 2022, 2, .	1.0	17
4	Catalytic One-Handed Helix Induction and Subsequent Static Memory of Poly(biphenylacetylene)s Assisted by a Small Amount of Carboxy Groups Introduced at the Pendants. <i>ACS Macro Letters</i> , 2022, 11, 525-531.	2.3	15
5	Racemic Monomer-Based One-Handed Helical Polymer Recognizes Enantiomers through Auto-Evolution of Its Helical Handedness Excess. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4625-4632.	7.2	36
6	Racemic Monomer-Based One-Handed Helical Polymer Recognizes Enantiomers through Auto-Evolution of Its Helical Handedness Excess. <i>Angewandte Chemie</i> , 2021, 133, 4675-4682.	1.6	7
7	Selective formation of spiroborate-based double-stranded <i>hetero</i> -helicates assisted by donor-acceptor interactions. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2551-2555.	2.3	1
8	One-Step Simultaneous Synthesis of Circularly Polarized Luminescent Multiple Helicenes Using a Chrysene Framework. <i>Chemistry - an Asian Journal</i> , 2021, 16, 769-774.	1.7	18
9	Frontispiece: Racemic Monomer-Based One-Handed Helical Polymer Recognizes Enantiomers through Auto-Evolution of Its Helical Handedness Excess. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	7.2	0
10	Frontispiz: Racemic Monomer-Based One-Handed Helical Polymer Recognizes Enantiomers through Auto-Evolution of Its Helical Handedness Excess. <i>Angewandte Chemie</i> , 2021, 133, .	1.6	0
11	Water-Mediated Reversible Control of Three-State Double-Stranded Titanium(IV) Helicates. <i>Journal of the American Chemical Society</i> , 2021, 143, 4346-4358.	6.6	11
12	Synthesis of Single-Handed Helical Spiro-Conjugated Ladder Polymers through Quantitative and Chemoselective Cyclizations**. <i>Angewandte Chemie</i> , 2021, 133, 11394-11399.	1.6	18
13	Synthesis of Single-Handed Helical Spiro-Conjugated Ladder Polymers through Quantitative and Chemoselective Cyclizations**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11294-11299.	7.2	50
14	Helical springs as a color indicator for determining chirality and enantiomeric excess. <i>Science Advances</i> , 2021, 7, .	4.7	44
15	Encapsulation of Aromatic Guests in the Bisporphyrin Cavity of a Double-Stranded Spiroborate Helicate: Thermodynamic and Kinetic Studies and the Encapsulation Mechanism. <i>Journal of Organic Chemistry</i> , 2021, 86, 10501-10516.	1.7	5
16	Emergence of Highly Enantioselective Catalytic Activity in a Helical Polymer Mediated by Deracemization of Racemic Pendants. <i>Journal of the American Chemical Society</i> , 2021, 143, 12725-12735.	6.6	45
17	Helical Polymers with Dynamic and Static Macromolecular Helicity Memory: The Power of Helicity Memory for Helical Polymer Synthesis and Applications. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2637-2661.	2.0	61
18	Macromolecular helicity induction and static helicity memory of poly(biphenylacetylene)s bearing aromatic pendant groups and their use as chiral stationary phases for high-performance liquid chromatography. <i>Chirality</i> , 2021, , .	1.3	9

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19	Complementary double-stranded helical oligomers bearing achiral bifunctional groups that catalyze asymmetric aldol reaction. <i>Chirality</i> , 2020, 32, 254-264.	1.3	0
20	Remote-controlled regio- and diastereodifferentiating photodimerization of a dynamic helical peptide-bound 2-substituted anthracene. <i>Chemical Communications</i> , 2020, 56, 13433-13436.	2.2	3
21	Helix-Sense-Selective Encapsulation of Helical Poly(lactic acid)s within a Helical Cavity of Syndiotactic Poly(methyl methacrylate) with Helicity Memory. <i>Journal of the American Chemical Society</i> , 2020, 142, 21913-21925.	6.6	26
22	Spin Filtering Along Chiral Polymers. <i>Angewandte Chemie</i> , 2020, 132, 14779-14784.	1.6	8
23	Spin Filtering Along Chiral Polymers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14671-14676.	7.2	64
24	Enantiodifferentiating Photodimerization of a 2,6-Disubstituted Anthracene Assisted by Supramolecular Double-Helix Formation with Chiral Amines. <i>Angewandte Chemie</i> , 2020, 132, 7548-7556.	1.6	5
25	Enantiodifferentiating Photodimerization of a 2,6-Disubstituted Anthracene Assisted by Supramolecular Double-Helix Formation with Chiral Amines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7478-7486.	7.2	15
26	Helix-Sense-Selective Synthesis of Right- and Left-Handed Helical Luminescent Poly(diphenylacetylene)s with Memory of the Macromolecular Helicity and Their Helical Structures. <i>Journal of the American Chemical Society</i> , 2020, 142, 7668-7682.	6.6	83
27	Chiral/Achiral Copolymers of Biphenylacetylenes Bearing Various Substituents: Chiral Amplification through Copolymerization, Followed by Enhancement/Inversion and Memory of the Macromolecular Helicity. <i>Macromolecules</i> , 2020, 53, 973-981.	2.2	34
28	Innenrücktitelbild: Enantiodifferentiating Photodimerization of a 2,6-Disubstituted Anthracene Assisted by Supramolecular Double-Helix Formation with Chiral Amines (<i>Angew. Chem.</i> 19/2020). <i>Angewandte Chemie</i> , 2020, 132, 7695-7695.	1.6	0
29	Helicity Induction and Its Static Memory of Poly(biphenylacetylene)s Bearing Pyridine <i>N</i> -Oxide Groups and Their Use as Asymmetric Organocatalysts. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2481-2490.	2.5	31
30	Fluorescent molecular spring that visualizes the extension and contraction motions of a double-stranded helicate bearing terminal pyrene units triggered by release and binding of alkali metal ions. <i>Chemical Communications</i> , 2019, 55, 12084-12087.	2.2	10
31	The helix-inversion mechanism in double-stranded helical oligomers bridged by rotary cyclic boronate esters. <i>Journal of Computational Chemistry</i> , 2019, 40, 2036-2042.	1.5	0
32	Unexpectedly Strong Chiral Amplification of Chiral/Achiral and Chiral/Chiral Copolymers of Biphenylacetylenes and Further Enhancement/Inversion and Memory of the Macromolecular Helicity. <i>Journal of the American Chemical Society</i> , 2019, 141, 7605-7614.	6.6	92
33	Water-mediated deracemization of a bisporphyrin helicate assisted by diastereoselective encapsulation of chiral guests. <i>Nature Communications</i> , 2019, 10, 1457.	5.8	23
34	Helicity induction and memory effect in poly(biphenylacetylene)s bearing various functional groups and their use as switchable chiral stationary phases for HPLC. <i>Polymer Chemistry</i> , 2019, 10, 6260-6268.	1.9	45
35	Allosteric regulation of metal-binding sites inside an optically-active helical foldamer and its tubular assemblies. <i>Chemical Communications</i> , 2018, 54, 2417-2420.	2.2	12
36	Direct Detection of Hardly Detectable Hidden Chirality of Hydrocarbons and Deuterated Isotopomers by a Helical Polyacetylene through Chiral Amplification and Memory. <i>Journal of the American Chemical Society</i> , 2018, 140, 3270-3276.	6.6	96

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37	Spiroborate-Based Double-Stranded Helicates: <i>Meso</i> -to- <i>Racemo</i> Isomerization and Ion-Triggered Springlike Motion of the <i>Racemo</i> -Helicate. <i>Journal of the American Chemical Society</i> , 2018, 140, 17027-17039.	6.6	36
38	Tug-of-War in a Dynamic Helical Peptide: Solvent-Induced Helix-Helix Transition of a Lactam-Bridged Peptide Composed of Point- and Axial Chiralities Remote from Each Other. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3150-3154.	1.7	5
39	Competing Interactions in Hierarchical Porphyrin Self-Assembly Introduce Robustness in Pathway Complexity. <i>Journal of the American Chemical Society</i> , 2018, 140, 7810-7819.	6.6	123
40	Chiral Template-Directed Regio-, Diastereo-, and Enantioselective Photodimerization of an Anthracene Derivative Assisted by Complementary Amidinium-Carboxylate Salt Bridge Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 7388-7398.	6.6	31
41	Static Memory of Enantiomeric Helices Induced in a Poly(biphenylacetylene) by a Single Enantiomer Assisted by Temperature- and Solvent-Driven Helix Inversion. <i>Macromolecules</i> , 2017, 50, 7801-7806.	2.2	24
42	Chirality Control and Its Memory at Microphase-Separated Interface of Self-Assembled Chiral Block Copolymers for Nanostructured Chiral Materials. <i>ACS Macro Letters</i> , 2017, 6, 980-986.	2.3	23
43	Construction of Covalent Organic Nanotubes by Light-Induced Cross-Linking of Diacetylene-Based Helical Polymers. <i>Journal of the American Chemical Society</i> , 2016, 138, 11001-11008.	6.6	67
44	Supramolecular Helical Systems: Helical Assemblies of Small Molecules, Foldamers, and Polymers with Chiral Amplification and Their Functions. <i>Chemical Reviews</i> , 2016, 116, 13752-13990.	23.0	1,444
45	Control of Conformation and Chirality of Nonplanar π -Conjugated Diporphyrins Using Substituents and Axial Ligands. <i>Chemistry - an Asian Journal</i> , 2016, 11, 936-942.	1.7	12
46	Allosteric Regulation of Unidirectional Spring-like Motion of Double-Stranded Helicates. <i>Journal of the American Chemical Society</i> , 2016, 138, 4852-4859.	6.6	59
47	Switchable enantioseparation based on macromolecular memory of a helical polyacetylene in the solid state. <i>Nature Chemistry</i> , 2014, 6, 429-434.	6.6	326
48	Synthesis and chiral recognition ability of helical polyacetylenes bearing helicene pendants. <i>Polymer Chemistry</i> , 2014, 5, 4909.	1.9	97
49	Pulsating Tubules from Noncovalent Macrocycles. <i>Science</i> , 2012, 337, 1521-1526.	6.0	298
50	Main-Chain Optically Active Riboflavin Polymer for Asymmetric Catalysis and Its Vapochromic Behavior. <i>Journal of the American Chemical Society</i> , 2012, 134, 15103-15113.	6.6	91
51	Remarkable Enhancement of the Enantioselectivity of an Organocatalyzed Asymmetric Henry Reaction Assisted by Helical Poly(phenylacetylene)s Bearing Cinchona Alkaloid Pendants via an Amide Linkage. <i>ACS Macro Letters</i> , 2012, 1, 261-265.	2.3	133
52	Optically Active, Amphiphilic Poly(<i>meta</i> -phenylene ethynylene)s: Synthesis, Hydrogen-Bonding Enforced Helix Stability, and Direct AFM Observation of Their Helical Structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 8718-8728.	6.6	118
53	Chiral information harvesting in dendritic metallopeptides. <i>Nature Chemistry</i> , 2011, 3, 856-861.	6.6	116
54	Synthesis of Complementary Double-Stranded Helical Oligomers through Chiral and Achiral Amidinium-Carboxylate Salt Bridges and Chiral Amplification in Their Double-Helix Formation. <i>Journal of the American Chemical Society</i> , 2011, 133, 3419-3432.	6.6	88

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55	Oxidative Esterification, Thioesterification, and Amidation of Aldehydes by a Two-Component Organocatalyst System Using a Chiral N-Heterocyclic Carbene and Redox-Active Riboflavin. <i>Chemistry - A European Journal</i> , 2011, 17, 8009-8013.	1.7	98
56	Synthesis and structure determination of helical polymers. <i>Polymer Journal</i> , 2010, 42, 3-16.	1.3	93
57	Ion-triggered spring-like motion of a double helicate accompanied by anisotropic twisting. <i>Nature Chemistry</i> , 2010, 2, 444-449.	6.6	165
58	Versatile Supramolecular Copper(II) Complexes for Henry and Aza-Henry Reactions. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1255-1262.	2.1	84
59	Mechanism of Helix Induction in Poly(4-carboxyphenyl isocyanide) with Chiral Amines and Memory of the Macromolecular Helicity and Its Helical Structures. <i>Journal of the American Chemical Society</i> , 2009, 131, 10719-10732.	6.6	104
60	Helical Polymers: Synthesis, Structures, and Functions. <i>Chemical Reviews</i> , 2009, 109, 6102-6211.	23.0	1,481
61	Polymerization of Phenylacetylene by Rhodium Complexes within a Discrete Space of apo-Ferritin. <i>Journal of the American Chemical Society</i> , 2009, 131, 6958-6960.	6.6	165
62	Enantiomer-Selective and Helix-Sense-Selective Living Block Copolymerization of Isocyanide Enantiomers Initiated by Single-Handed Helical Poly(phenyl isocyanide)s. <i>Journal of the American Chemical Society</i> , 2009, 131, 6708-6718.	6.6	144
63	Visualization of synthetic helical polymers by high-resolution atomic force microscopy. <i>Chemical Society Reviews</i> , 2009, 38, 737.	18.7	138
64	Encapsulation of Fullerenes in a Helical PMMA Cavity Leading to a Robust Processable Complex with a Macromolecular Helicity Memory. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 515-519.	7.2	154
65	Helix-Sense-Controlled Synthesis of Optically Active Poly(methyl methacrylate) Stereocomplexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 11889-11891.	6.6	90
66	Chirality-Responsive Helical Polymers. <i>Macromolecules</i> , 2008, 41, 3-12.	2.2	417
67	Double-Stranded Helical Polymers Consisting of Complementary Homopolymers. <i>Journal of the American Chemical Society</i> , 2008, 130, 7938-7945.	6.6	121
68	Single- and Double-Stranded Helical Polymers: Synthesis, Structures, and Functions. <i>Accounts of Chemical Research</i> , 2008, 41, 1166-1180.	7.6	445
69	Two- and Three-Dimensional Smectic Ordering of Single-Handed Helical Polymers. <i>Journal of the American Chemical Society</i> , 2008, 130, 229-236.	6.6	101
70	Sequence- and Chain-Length-Specific Complementary Double-Helix Formation. <i>Journal of the American Chemical Society</i> , 2008, 130, 14008-14015.	6.6	123
71	Supramolecular Control of Unwinding and Rewinding of a Double Helix of Oligoresorcinol Using Cyclodextrin/Adamantane System. <i>Journal of the American Chemical Society</i> , 2007, 129, 109-112.	6.6	94
72	Double Helical Oligoresorcinols Specifically Recognize Oligosaccharides via Heteroduplex Formation through Noncovalent Interactions in Water. <i>Journal of the American Chemical Society</i> , 2007, 129, 9168-9174.	6.6	110

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73	Two-Dimensional Helix-Bundle Formation of a Dynamic Helical Poly(phenylacetylene) with Achiral Pendant Groups on Graphite. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7605-7608.	7.2	85
74	Oligoresorcinols Fold into Double Helices in Water. <i>Journal of the American Chemical Society</i> , 2006, 128, 7176-7178.	6.6	159
75	Helix-Sense Controlled Polymerization of a Single Phenyl Isocyanide Enantiomer Leading to Diastereomeric Helical Polyisocyanides with Opposite Helix-Sense and Cholesteric Liquid Crystals with Opposite Twist-Sense. <i>Journal of the American Chemical Society</i> , 2006, 128, 708-709.	6.6	158
76	Two-Dimensional Surface Chirality Control by Solvent-Induced Helicity Inversion of a Helical Polyacetylene on Graphite. <i>Journal of the American Chemical Society</i> , 2006, 128, 5650-5651.	6.6	248
77	Construction of Double-Stranded Metallosupramolecular Polymers with a Controlled Helicity by Combination of Salt Bridges and Metal Coordination. <i>Journal of the American Chemical Society</i> , 2006, 128, 6806-6807.	6.6	164
78	Switching of Macromolecular Helicity of Optically Active Poly(phenylacetylene)s Bearing Cyclodextrin Pendants Induced by Various External Stimuli. <i>Journal of the American Chemical Society</i> , 2006, 128, 7639-7650.	6.6	182
79	Two-Dimensional Hierarchical Self-Assembly of One-Handed Helical Polymers on Graphite. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1245-1248.	7.2	144
80	Control of Main-Chain Stiffness of a Helical Poly(phenylacetylene) by Switching On and Off the Intramolecular Hydrogen Bonding through Macromolecular Helicity Inversion. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8173-8176.	7.2	144
81	Conductive Metal Nanowires Templated by the Nucleoprotein Filaments, Complex of DNA and RecA Protein. <i>Journal of the American Chemical Society</i> , 2005, 127, 8120-8125.	6.6	79
82	Enantioselective Esterification of Prochiral Phosphonate Pendants of a Polyphenylacetylene Assisted by Macromolecular Helicity: A Storage of a Dynamic Macromolecular Helicity Memory. <i>Journal of the American Chemical Society</i> , 2005, 127, 2960-2965.	6.6	103
83	Well-Defined Lyotropic Liquid Crystalline Properties of Rigid-Rod Helical Polyacetylenes. <i>Macromolecules</i> , 2005, 38, 4061-4064.	2.2	98
84	Dual Memory of Enantiomeric Helices in a Polyacetylene Induced by a Single Enantiomer. <i>Journal of the American Chemical Society</i> , 2005, 127, 5018-5019.	6.6	123
85	Two-Dimensional Folded Chain Crystals of a Synthetic Polymer in a Langmuir-Blodgett Film. <i>Journal of the American Chemical Society</i> , 2005, 127, 5788-5789.	6.6	121
86	Supramolecular Chirality of Thermotropic Liquid-Crystalline Folic Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1969-1972.	7.2	181
87	Detection and Amplification of Chirality by Helical Polymers. <i>Chemistry - A European Journal</i> , 2004, 10, 42-51.	1.7	535
88	Poly(phenylacetylene)s Bearing a Peptide Pendant: Helical Conformational Changes of the Polymer Backbone Stimulated by the Pendant Conformational Change. <i>Chemistry - A European Journal</i> , 2004, 10, 4000-4010.	1.7	101
89	Macromolecular Helicity Induction on a Poly(phenylacetylene) with C ₂ -Symmetric Chiral [60]Fullerene-Bisadducts. <i>Journal of the American Chemical Society</i> , 2004, 126, 11711-11717.	6.6	88
90	Mechanism of Helix Induction on a Stereoregular Poly((4-carboxyphenyl)acetylene) with Chiral Amines and Memory of the Macromolecular Helicity Assisted by Interaction with Achiral Amines. <i>Journal of the American Chemical Society</i> , 2004, 126, 4329-4342.	6.6	171

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91	An Unprecedented Memory of Macromolecular Helicity Induced in an Achiral Polyisocyanide in Water. <i>Journal of the American Chemical Society</i> , 2004, 126, 732-733.	6.6	119
92	Helix-Sense Inversion of Poly(phenylacetylene) Derivatives Bearing an Optically Active Substituent Induced by External Chiral and Achiral Stimuli. <i>Macromolecules</i> , 2003, 36, 1480-1486.	2.2	96
93	Detection and Amplification of a Small Enantiomeric Imbalance in \pm -Amino Acids by a Helical Poly(phenylacetylene) with Crown Ether Pendants. <i>Journal of the American Chemical Society</i> , 2003, 125, 1278-1283.	6.6	211
94	Chiral Stimuli-Responsive Gels: Helicity Induction in Poly(phenylacetylene) Gels Bearing a Carboxyl Group with Chiral Amines. <i>Journal of the American Chemical Society</i> , 2003, 125, 2516-2523.	6.6	94
95	Chiral and Chirality Discrimination on Helical Polyacetylenes. <i>Analytical Sciences</i> , 2002, 18, 3-6.	0.8	65
96	Solvent-Induced Chiroptical Changes in Supramolecular Assemblies of an Optically Active, Regioregular Polythiophene. <i>Macromolecules</i> , 2002, 35, 4590-4601.	2.2	103
97	Structural Analysis of Amylose Tris(3,5-dimethylphenylcarbamate) by NMR Relevant to Its Chiral Recognition Mechanism in HPLC. <i>Journal of the American Chemical Society</i> , 2002, 124, 12583-12589.	6.6	173
98	Electron-Induced Switching of the Supramolecular Chirality of Optically Active Polythiophene Aggregates. <i>Journal of the American Chemical Society</i> , 2002, 124, 7943-7949.	6.6	124
99	Macromolecular Chirality Induction on Optically Inactive Poly(4-carboxyphenyl isocyanide) with Chiral Amines: A Dynamic Conformational Transition of Poly(phenyl isocyanide) Derivatives. <i>Journal of the American Chemical Society</i> , 2002, 124, 7448-7458.	6.6	100
100	Temperature Dependence of Helical Structures of Poly(phenylacetylene) Derivatives Bearing an Optically Active Substituent. <i>Chemistry - A European Journal</i> , 2002, 8, 5112-5120.	1.7	84
101	Switching of a Macromolecular Helicity for Visual Distinction of Molecular Recognition Events. <i>Journal of the American Chemical Society</i> , 2001, 123, 8159-8160.	6.6	193
102	Stereospecific Polymerization of Propiolic Acid with Rhodium Complexes in the Presence of Bases and Helix Induction on the Polymer in Water. <i>Macromolecules</i> , 2001, 34, 1160-1164.	2.2	93
103	First Isolation and Characterization of Eight Regioisomers for [60]Fullerene-Benzyne Bisadducts. <i>Organic Letters</i> , 2001, 3, 1193-1196.	2.4	81
104	Polysaccharide-based chiral stationary phases for high-performance liquid chromatographic enantioseparation. <i>Journal of Chromatography A</i> , 2001, 906, 105-125.	1.8	461
105	A Helical Polyelectrolyte Induced by Specific Interactions with Biomolecules in Water. <i>Journal of the American Chemical Society</i> , 2001, 123, 7441-7442.	6.6	121
106	Synthesis and Macromolecular Helicity Induction of a Stereoregular Polyacetylene Bearing a Carboxy Group with Natural Amino Acids in Water. <i>Macromolecules</i> , 2000, 33, 4616-4618.	2.2	95
107	Helicity Induction and Conformational Dynamics of Poly(bis(4-carboxyphenoxy)phosphazene) with Optically Active Amines. <i>Journal of the American Chemical Society</i> , 2000, 122, 7813-7814.	6.6	77
108	Memory of macromolecular helicity assisted by interaction with achiral small molecules. <i>Nature</i> , 1999, 399, 449-451.	13.7	752

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109	Metal-Induced Chirality Induction and Chiral Recognition of Optically Active, Regioregular Polythiophenes. <i>Macromolecules</i> , 1999, 32, 7942-7945.	2.2	71
110	Computational Studies on Chiral Discrimination Mechanism of Phenylcarbamate Derivatives of Cellulose. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 1815-1825.	2.0	102
111	Polysaccharide Derivatives for Chromatographic Separation of Enantiomers. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1020-1043.	7.2	870
112	The first total synthesis of (âˆ™)-benzomalvin A and benzomalvin B via the intramolecular aza-Wittig reactions. <i>Tetrahedron</i> , 1998, 54, 7997-8008.	1.0	70
113	Helixâˆ™Helix Transition of Optically Active Poly((1R,2S)-N-(4-ethynylbenzyl)norephedrine) Induced by Diastereomeric Acidâˆ™Base Complexation Using Chiral Stimuli. <i>Journal of the American Chemical Society</i> , 1998, 120, 8895-8896.	6.6	104
114	Polysaccharide-Based Chiral LC Columns. <i>Synlett</i> , 1998, 1998, 344-360.	1.0	137
115	Selective Functionalization on [60]Fullerene Governed by Tether Length. <i>Journal of the American Chemical Society</i> , 1997, 119, 926-932.	6.6	88
116	Chirality Assignment of Amines and Amino Alcohols Based on Circular Dichroism Induced by Helix Formation of a Stereoregular Poly((4-carboxyphenyl)acetylene) through Acidâˆ™Base Complexation. <i>Journal of the American Chemical Society</i> , 1997, 119, 6345-6359.	6.6	435
117	3-Fluoro-, 3-chloro- and 3-bromo-5-methylphenylcarbamates of cellulose and amylose as chiral stationary phases for high-performance liquid chromatographic enantioseparation. <i>Journal of Chromatography A</i> , 1997, 787, 67-77.	1.8	125
118	Aryl Ether Dendrimers with an Interior Metalloporphyrin Functionality as a Spectroscopic Probe:Â Interpenetrating Interaction with Dendritic Imidazoles. <i>Macromolecules</i> , 1996, 29, 5236-5238.	2.2	155
119	Poly((4-dihydroxyborophenyl)acetylene) as a Novel Probe for Chirality and Structural Assignments of Various Kinds of Molecules Including Carbohydrates and Steroids by Circular Dichroism. <i>Journal of the American Chemical Society</i> , 1996, 118, 9800-9801.	6.6	110
120	Synthesis of Optically Active Vasiconone Based on Intramolecular Aza-Wittig Reaction and Asymmetric Oxidation1. <i>Journal of Organic Chemistry</i> , 1996, 61, 7316-7319.	1.7	81
121	Preparation of Silica Gel-Bonded Amylose through Enzyme-Catalyzed Polymerization and Chiral Recognition Ability of Its Phenylcarbamate Derivative in HPLC. <i>Analytical Chemistry</i> , 1996, 68, 2798-2804.	3.2	149
122	NMR Studies of Chiral Discrimination Relevant to the Liquid Chromatographic Enantioseparation by a Cellulose Phenylcarbamate Derivative. <i>Journal of the American Chemical Society</i> , 1996, 118, 4036-4048.	6.6	197
123	Chiral Discrimination on Polysaccharides Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 3289-3307.	2.0	249
124	Dimethyl-, dichloro- and chloromethylphenylcarbamates of amylose as chiral stationary phases for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1995, 694, 101-109.	1.8	168
125	Computational studies on chiral discrimination mechanism of cellulose trisphenylcarbamate. <i>Journal of Chromatography A</i> , 1995, 694, 347-354.	1.8	95
126	Synthesis and Conformational Study of Optically Active Poly(phenylacetylene) Derivatives Bearing a Bulky Substituent. <i>Macromolecules</i> , 1995, 28, 4184-4193.	2.2	179

#	ARTICLE	IF	CITATIONS
127	Poly((4-carboxyphenyl)acetylene) as a Probe for Chirality Assignment of Amines by Circular Dichroism. <i>Journal of the American Chemical Society</i> , 1995, 117, 11596-11597.	6.6	256
128	Asymmetric polymerization of aromatic isocyanates with optically active anionic initiators. <i>Journal of Polymer Science Part A</i> , 1994, 32, 309-315.	2.5	59
129	Chloromethylphenylcarbamate derivatives of cellulose as chiral stationary phases for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1994, 670, 39-49.	1.8	190
130	3,5-Dimethylphenylcarbamates of cellulose and amylose regioselectively bonded to silica gel as chiral stationary phases for high-performance liquid chr. <i>Journal of Chromatography A</i> , 1994, 677, 11-19.	1.8	147
131	Asymmetric Polymerization of Isocyanates with Optically Active Anionic Initiators. <i>Polymer Journal</i> , 1993, 25, 391-396.	1.3	90
132	Specific base recognition of oligodeoxynucleotides by capillary affinity gel electrophoresis using polyacrylamide-poly(9-vinyladenine) conjugated gel. <i>Analytical Chemistry</i> , 1992, 64, 1920-1925.	3.2	85
133	Asymmetric polymerization of methacrylates. <i>Progress in Polymer Science</i> , 1990, 15, 263-298.	11.8	86
134	Graft copolymers having hydrophobic backbone and hydrophilic branches. IV. A copolymerization study of water-soluble oligovinylpyrrolidone macromonomers. <i>Journal of Polymer Science Part A</i> , 1989, 27, 3521-3530.	2.5	70
135	Chiral amplification of supramolecular coassemblies of chiral and achiral acylhydrazine-functionalized biphenyls and their copolymers. <i>Polymer Journal</i> , 0, , .	1.3	0