List of Publications by Year in descending order

355 papers	8,520 citations	76196 40 h-index	82410 72 g-index
386 all docs	386 docs citations	386 times ranked	5382 citing authors

#	Article	IF	Citations
1	Anion Recognition by a Pincer-Type Host Constructed from Two Polyamide Macrocyclic Frameworks Jointed by a Photo-Addressable Azobenzene Switch. Materials, 2022, 15, 692.	1.3	1
2	H-Bond Mediated Phase-Transfer Catalysis: Enantioselective Generating of Quaternary Stereogenic Centers in Î²-Keto Esters. Molecules, 2022, 27, 2508.	1.7	2
3	Stereoselective Î±-Chlorination of Î²-Keto Esters in the Presence of Hybrid Amide-Based Cinchona Alkaloids as Catalysts. Journal of Organic Chemistry, 2021, 86, 995-1001.	1.7	15
4	Divergent synthesis of pyrrolidine and glutamic acid derivatives using a macrocyclic phase-transfer catalyst under high-pressure conditions. Organic Chemistry Frontiers, 2021, 8, 5888-5894.	2.3	6
5	Solution and Solid State Studies of Urea Derivatives of DITIPIRAM Acting as Powerful Anion Receptors. Molecules, 2021, 26, 1788.	1.7	1
6	Assisted by Hydrogen-Bond Donors: Cinchona Quaternary Salts as Privileged Chiral Catalysts for Phase-Transfer Reactions. Synthesis, 2021, 53, 2777-2786.	1.2	11
7	Stabilization of Near Identical Hydrogen Bonded Octameric Water Clusters in Crystal Structures of Three Distinct Non-Charged Polyamide Macrocyclic Host Molecules. Molecules, 2021, 26, 2787.	1.7	2
8	Imino-thiolate-templated synthesis of a chloride-selective neutral macrocyclic host with a specific â€œturn-offâ€“onâ€•fluorescence response for hypochlorite (ClO^{â^’}). Organic Chemistry Frontiers, 2021, 8, 5258-5264.	2.3	7
9	Ion mobility mass spectrometry â€“ an efficient tool for the analysis of conformational switch of macrocyclic receptors upon anion binding. Analyst, The, 2021, 146, 5337-5346.	1.7	4
10	Recognition of Chiral Carboxylates by Synthetic Receptors. Molecules, 2021, 26, 6417.	1.7	7
11	A new class of â€œpincerâ€•receptors â€“ macrocyclic systems containing an incorporated amide group. Journal of Coordination Chemistry, 2021, 74, 424-432.	0.8	1
12	A General Method for High-Pressure-Promoted Postfunctionalization of Unclosed Cryptands: Potential Phase-Transfer Catalysts. Journal of Organic Chemistry, 2020, 85, 1308-1314.	1.7	6
13	The influence of high pressure on static combinatorial libraries of chiral BINOL-based macrocyclic amides. Tetrahedron, 2020, 76, 131438.	1.0	1
14	Effective synthetic strategy towards highly selective macrocyclic anion receptors based on static combinatorial chemistry. Tetrahedron, 2020, 76, 131693.	1.0	2
15	Highly Enantioselective Epoxidation of Î±,Î²-Unsaturated Ketones Using Amide-Based Cinchona Alkaloids as Hybrid Phase-Transfer Catalysts. Organic Letters, 2020, 22, 8687-8691.	2.4	25
16	The Impact of Solvent and the Receptor Structure on Chiral Recognition Using Model Acyclic Bisamides Decorated with Glucosamine Pendant Arms. Journal of Organic Chemistry, 2020, 85, 11902-11907.	1.7	4
17	One-Pot Parallel Synthesis of Unclosed Cryptandsâ€”Searching for Selective Anion Receptors via Static Combinatorial Chemistry Techniques. ACS Omega, 2020, 5, 26271-26277.	1.6	6
18	Selective Recognition of Chloride by a 24â€Membered Macrocyclic Host with a Hydrophobic Methylenepyrene Substituent. European Journal of Organic Chemistry, 2020, 2020, 4528-4533.	1.2	8

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19	Synthesis of C2 Hybrid Amideâ€Based PTC Catalysts and Their Comparison with Saturated Analogues. ChemistrySelect, 2020, 5, 6424-6429.	0.7	13
20	Static Combinatorial Chemistry: A High-Pressure Approach to the Synthesis of Macrocyclic Benzoamide Libraries. ACS Combinatorial Science, 2020, 22, 213-221.	3.8	1
21	Selective Carboxylate Recognition Using Urea-Functionalized Unclosed Cryptands: Mild Synthesis and Complexation Studies. Journal of Organic Chemistry, 2020, 85, 5058-5064.	1.7	9
22	Tuning Anion-Binding Properties of 22-Membered Unclosed Cryptands by Structural Modification of the Lariat Arm. ACS Omega, 2020, 5, 29601-29608.	1.6	4
23	Chiral Recognition of Carboxylate Anions by (R)-BINOL-Based Macrocyclic Receptors. Molecules, 2019, 24, 2635.	1.7	7
24	Amide-Based Cinchona Alkaloids as Phase-Transfer Catalysts: Synthesis and Potential Application. Organic Letters, 2019, 21, 8085-8090.	2.4	21
25	Late-Stage Functionalization of (R)-BINOL-Based Diazacoronands and Their Chiral Recognition of Î±-Phenylethylamine Hydrochlorides. Journal of Organic Chemistry, 2019, 84, 6502-6507.	1.7	12
26	Chirality of 20â€membered unclosed cryptand: Macroring distortion via lariat arm modification. Chirality, 2018, 30, 219-225.	1.3	4
27	Preparation of acetals from aldehydes and alcohols under basic conditions. Organic and Biomolecular Chemistry, 2018, 16, 3114-3120.	1.5	19
28	Disulphide bond exchange inhibited by air â€“ kinetic and thermodynamic products in a library of macrocyclic cysteine derivatives. Organic and Biomolecular Chemistry, 2018, 16, 2411-2420.	1.5	0
29	Solid-state entrapment of water clusters by 26-membered pentamide unclosed cryptands â€“ probing the para-substituent effect. Supramolecular Chemistry, 2018, 30, 464-472.	1.5	7
30	An Indirect Synthetic Approach toward Conformationally Constrained 20-Membered Unclosed Cryptands via Late-Stage Installation of Intraannular Substituents. Journal of Organic Chemistry, 2018, 83, 13560-13567.	1.7	11
31	Linear Neutral Receptors for Anions: Synthesis, Structure and Applications. Synthesis, 2018, 50, 4555-4568.	1.2	6
32	The Influence of Binding Site Geometry on Anionâ€Binding Selectivity: A Case Study of Macrocyclic Receptors Built on the Azulene Skeleton. Chemistry - A European Journal, 2018, 24, 11683-11692.	1.7	18
33	The effect of urea moiety in amino acid binding by Î²-cyclodextrin derivatives: A 1000-fold increase in efficacy comparing to native Î²-cyclodextrin. Carbohydrate Polymers, 2017, 164, 233-241.	5.1	9
34	pH-Controlled recognition of amino acids by urea derivatives of Î²-cyclodextrin. RSC Advances, 2017, 7, 15742-15746.	1.7	10
35	Tetra-(meta-butylcarbamoyl)azobenzene: A Rationally Designed Photoswitch with Binding Affinity for Oxoanions in a Long-Lived Z-State. Organic Letters, 2017, 19, 1378-1381.	2.4	21
36	Catching the chloride: searching for non-Hofmeister selectivity behavior in systematically varied polyamide macrocyclic receptors. Organic and Biomolecular Chemistry, 2017, 15, 5927-5943.	1.5	31

#	Article	IF	Citations
37	8-Propyldithieno[3,2-b:2â€²,3â€²-e]pyridine-3,5-diamine (DITIPIRAM) Derivatives as Neutral Receptors Tailored for Binding of Carboxylates. Organic Letters, 2017, 19, 3001-3004.	2.4	11
38	Oligocarboxylates as useful templates in dynamic combinatorial chemistry. Pure and Applied Chemistry, 2017, 89, 801-807.	0.9	5
39	Comparative Structural Studies of Four Homologous Thioamidic Unclosed Crytpands: Self-Encapsulation of Lariat Arm, Oddâ€"Even Effects, Anomalously Short SÂ·Â·Â·S Chalcogen Bonding, and More. Crystal Growth and Design, 2017, 17, 701-710.	1.4	13
40	Sodium thiocyanate binding by a 3-aminobenzoic acid based ion pair receptor consisting of a thiourea binding domain. Inorganic Chemistry Communication, 2017, 84, 251-254.	1.8	3
41	The influence of salt additives on the macrocyclic product distributions in double-amidation reactions. Arkivoc, 2017, 2017, 534-545.	0.3	4
42	Engineering Light-Mediated Bistable Azobenzene Switches Bearing Urea <scp>d</scp>-Aminoglucose Units for Chiral Discrimination of Carboxylates. Journal of Organic Chemistry, 2016, 81, 3576-3584.	1.7	35
43	A hybrid macrocyclic anion receptor exploiting the pyrrole-2,5-diacetamide unit. RSC Advances, 2016, 6, 41568-41571.	1.7	7
44	Exploring the Chiral Recognition of Carboxylates by C₂-Symmetric Receptors Bearing Glucosamine Pendant Arms. Journal of Organic Chemistry, 2016, 81, 7342-7348.	1.7	12
45	Diamidonaphthalenodipyrrole-derived fluorescent sensors for anions. Sensors and Actuators B: Chemical, 2016, 237, 621-627.	4.0	11
46	Azuleneâ€Based Macrocyclic Receptors for Recognition and Sensing of Phosphate Anions. Chemistry - A European Journal, 2016, 22, 17673-17680.	1.7	35
47	Bioactive (co)oligoesters with antioxidant properties â€“ synthesis and structural characterization at the molecular level. RSC Advances, 2016, 6, 57751-57761.	1.7	10
48	Quest for Efficient Catalysts based on Zinc tertâ€Butyl Peroxides for Asymmetric Epoxidation of Enones: C₂â€•vs C₁â€Symmetric Auxiliaries. Advanced Synthesis and Catalysis, 2016, 358, 864-868.	2.1	29
49	Chiral Recognition of Carboxylatesâ€"Receptors, Analytical Tools, and More. Asian Journal of Organic Chemistry, 2016, 5, 715-723.	1.3	11
50	Long-chain-linked Î²-cyclodextrin dimers: Synthesis and relationship between reactivity and inclusion complex formation. Carbohydrate Polymers, 2016, 138, 8-15.	5.1	10
51	Supramolecular detection of geometrical differences of azobenzene carboxylates. Tetrahedron Letters, 2016, 57, 1820-1824.	0.7	9
52	Recognizing the Limited Applicability of Job Plots in Studying Hostâ€"Guest Interactions in Supramolecular Chemistry. Journal of Organic Chemistry, 2016, 81, 1746-1756.	1.7	293
53	BINOL diesters as useful building blocks towards chiral macrocyclic compounds. Tetrahedron, 2016, 72, 1928-1932.	1.0	4
54	Exploration of the Chiral Recognition of Sugar-Based Diindolylmethane Receptors: Anion and Receptor Structures. Chemistry - A European Journal, 2015, 21, 16585-16592.	1.7	17

#	Article	IF	Citations
55	Mirror symmetry breaking upon spontaneous crystallization from a dynamic combinatorial library of macrocyclic imines. Chemical Communications, 2015, 51, 4306-4309.	2.2	17
56	Palladiumâ€Catalyzed Enantioselective Allylic Substitution in the Presence of Monodentate Furanoside Phosphoramidites. ChemCatChem, 2015, 7, 799-807.	1.8	13
57	Chiral Crystals from Dynamic Combinatorial Libraries of Achiral Macrocyclic Imines. Crystal Growth and Design, 2015, 15, 4372-4376.	1.4	8
58	Chiral Recognition of Carboxylates by a Static Library of Thiourea Receptors with Amino Acid Arms. Journal of Organic Chemistry, 2015, 80, 4235-4243.	1.7	45
59	Introducing a static receptor to compete with a dynamic combinatorial library in template binding. Organic and Biomolecular Chemistry, 2015, 13, 10451-10455.	1.5	5
60	Molecular architecture of novel potentially bioactive (co)oligoesters containing pesticide moieties established by electrospray ionization multistage mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 533-544.	0.7	12
61	Improved Synthesis of C2 and C6 Monoderivatives of Î±- and Î²-Cyclodextrin via the Click Chemistry Approach. Synthesis, 2015, 47, 1838-1843.	1.2	7
62	Enantioselective Liquidâ€“Solid Extraction (ELSE)â€”An Unexplored, Fast, and Precise Analytical Method. ACS Combinatorial Science, 2015, 17, 488-492.	3.8	1
63	A General Method for Synthesis of Unclosed Cryptands via H-Bond Templated Macrocyclization and Subsequent Mild Postfunctionalization. Organic Letters, 2015, 17, 4774-4777.	2.4	27
64	Synthesis, Structure, and Complexation Properties of a C₃-Symmetrical Triptycene-Based Anion Receptor: Selectivity for Dihydrogen Phosphate. Organic Letters, 2015, 17, 5882-5885.	2.4	19
65	Dynamic Combinatorial Libraries of 2,5-Diformylfuran-Derived Macrocycles. Journal of Organic Chemistry, 2014, 79, 10334-10341.	1.7	11
66	Anion-tunable control of thermal Zâ†'E isomerisation in basic azobenzene receptors. Chemical Communications, 2014, 50, 15748-15751.	2.2	47
67	â€œChoose-a-Sizeâ€•Approach in Dynamic Combinatorial Chemistry: A Single Substrate Dynamic Combinatorial Library of Oligomacrocycles That Adapts to the Size and Shape of Carboxylates. Journal of Organic Chemistry, 2014, 79, 9762-9770.	1.7	23
68	Enantiomeric recognition of carboxylic anions by a library of neutral receptors derived from Î±-amino acids and o-phenylenediamine. Tetrahedron: Asymmetry, 2014, 25, 962-968.	1.8	15
69	Artificial Neural Networks for Guest Chirality Classification through Supramolecular Interactions. Chemistry - A European Journal, 2014, 20, 12368-12372.	1.7	10
70	Bispyrrolylbenzene Anion Receptor: From Supramolecular Switch to Molecular Logic Gate. Chemistry - A European Journal, 2014, 20, 12790-12795.	1.7	9
71	Trapping of Octameric Water Cluster by the Neutral Unclosed Cryptand Environment. Crystal Growth and Design, 2014, 14, 4906-4910.	1.4	11
72	Molecular level structure of novel synthetic analogues of aliphatic biopolyesters as revealed by multistage mass spectrometry. Analytica Chimica Acta, 2014, 808, 104-114.	2.6	19

#	Article	IF	Citations
73	Chapter 21. Sugar decorated receptors for chiral anions. Carbohydrate Chemistry, 2014, , 445-460.	0.3	5
74	Synthesis and Complexation Properties of Sugar Derived Receptors for Chiral Ions. Current Organic Chemistry, 2014, 18, 1886-1896.	0.9	5
75	Influence of the size and geometry of the anion binding pocket of sugarâ€“urea anion receptors on chiral recognition. Tetrahedron Letters, 2013, 54, 5608-5611.	0.7	23
76	Asymmetric synthesis of (â^')-bissetone via a highly enantioselective hetero-Dielsâ€“Alder reaction. Tetrahedron, 2013, 69, 8463-8469.	1.0	6
77	Diastereoselective 1,3-dipolar cycloadditions of both electronically modified phenyl-nitrile oxides and stilbenes. RSC Advances, 2013, 3, 23105.	1.7	3
78	Sweet Anion Receptors: Recognition of Chiral Carboxylate Anions byd-Glucuronic-Acid-Decorated Diindolylmethane. Organic Letters, 2013, 15, 4730-4733.	2.4	18
79	Sugar-based monodentate phosphoramidite ligands for Cu-catalyzed enantioselective conjugate addition to enones. Tetrahedron, 2013, 69, 1930-1939.	1.0	6
80	An effective protocol for the synthesis enantiomerically pure 4-substituted oxetane-2-ones. Tetrahedron, 2013, 69, 4990-4993.	1.0	11
81	Influence of Environmental Humidity on Organization and Molecular Dynamics of Heteromacrocyclic Assemblies. Journal of Physical Chemistry B, 2013, 117, 14420-14431.	1.2	2
82	â€œUnclosed Cryptandsâ€• A Point of Departure for Developing Potent Neutral Anion Receptors. Organic Letters, 2012, 14, 6298-6301.	2.4	29
83	High-pressure transesterification of sterically hindered esters. Tetrahedron Letters, 2012, 53, 5287-5289.	0.7	15
84	7,7â€²â€Ðiaminoâ€2,2â€²â€diindolylmethane: A Building Block for Highly Efficient and Selective Anion Receptorsâ€”Studies in Solution and in the Solid State. Chemistry - A European Journal, 2012, 18, 13686-13701.	1.7	20
85	Polymeric hydrogels modified with ornithine and lysine: Sorption and release of metal cations and amino acids. Journal of Polymer Science Part A, 2012, 50, 542-550.	2.5	27
86	The asymmetric organocatalytic 1,3-dipolar cycloaddition of alkyl pyruvate-derived nitrones and Î±,Î²-unsaturated aldehydes. Tetrahedron: Asymmetry, 2012, 23, 264-270.	1.8	11
87	Enantioselective Friedelâ€“Crafts Reaction of Acylpyrroles with Glyoxylates Catalyzed by BINOLâ€“Ti(IV) Complexes. Organic Letters, 2011, 13, 5944-5947.	2.4	23
88	Amide- and urea-functionalized pyrroles and benzopyrroles as synthetic, neutral anion receptors. Chemical Society Reviews, 2011, 40, 2971.	18.7	222
89	Study of hostâ€“guest interactions in benzodiazacoronands by means of solid state NMR spectroscopy, X-ray diffraction and quantum mechanical computations. Physical Chemistry Chemical Physics, 2011, 13, 6423.	1.3	14
90	Formal Synthesis of Galantinic Acid by Oxoâ€Dielsâ€“Alder Methodology. European Journal of Organic Chemistry, 2011, 2011, 1223-1226.	1.2	8

#	Article	IF	Citations
91	Diastereoselective Alkyl Grignard 1,4â€Additions to paraâ€Substituted (2R)â€Nâ€Cinnamoylbornaneâ€10,2â€sultam Derivatives: Influence of Nâ€Atom Pyramidalization. Helvetica Chimica Acta, 2011, 94, 2141-2167.	1.0	7
92	Synthesis of high molecular weight polystyrene using AGET ATRP under high pressure. European Polymer Journal, 2011, 47, 730-734.	2.6	70
93	Total synthesis of (5S)-dihydroyashabushiketol. Tetrahedron: Asymmetry, 2011, 22, 787-790.	1.8	7
94	The highly enantioselective 1,3-dipolar cycloaddition of alkyl glyoxylate-derived nitrones to E-crotonaldehyde catalyzed by hybrid diamines. Tetrahedron Letters, 2011, 52, 381-384.	0.7	29
95	Toward dynamic combinatorial libraries of cryptands. Tetrahedron Letters, 2011, 52, 4452-4455.	0.7	13
96	Benzopyrrole derivatives as effective anion receptors in highly competitive solvents. Pure and Applied Chemistry, 2011, 83, 1543-1554.	0.9	11
97	Dynamic combinatorial libraries of macrocycles derived from phthalic aldehydes and Î±,Ï‰-diamines. Tetrahedron, 2010, 66, 9532-9537.	1.0	22
98	New poly(N-Î´-acryloyl ornithine) gels cross-linked with N,Nâ€²-methylenebisacrylamide. Sorption properties. Polymer, 2010, 51, 2959-2964.	1.8	18
99	Addition of Î³-silyloxyallyltins on ethyl glyoxylate: evaluation of the influence of the experimental conditions on the stereochemical course of the reaction. Tetrahedron, 2010, 66, 1570-1580.	1.0	6
100	7,7â€²-Diureido-2,2â€²-diindolylmethanes: Anion Receptors Effective in a Highly Competitive Solvent, Methanol. Organic Letters, 2010, 12, 1076-1078.	2.4	53
101	Enantioselective Construction of Cis-2,6-Disubstituted Dihydropyrans: Total Synthesis of (â^')-Centrolobine. Journal of Organic Chemistry, 2010, 75, 1740-1743.	1.7	39
102	Influence of polymer network-metal ion complexation on the swelling behaviour of new gels with incorporated Î±-amino acid groups. Soft Matter, 2010, 6, 1336.	1.2	23
103	1,3â€Dipolar Cycloadditions of a 2â€Oxoethanenitrile Oxide Derived from (2R)â€Bornaneâ€10,2â€sultam to Electronically Modified 4,4â€²â€Disubstituted Stilbenes. Helvetica Chimica Acta, 2009, 92, 1056-1069.	1.0	10
104	Enantioselective Nitroaldol Reaction Catalyzed by Sterically Modified Salenâ^'Chromium Complexes. Journal of Organic Chemistry, 2009, 74, 753-756.	1.7	94
105	Bishydrazide Derivatives of Isoindoline as Simple Anion Receptors. Journal of Organic Chemistry, 2009, 74, 1525-1530.	1.7	38
106	Highly Enantioselective Friedelâ^'Crafts Reaction of Thiophenes with Glyoxylates: Formal Synthesis of Duloxetine. Organic Letters, 2009, 11, 4636-4639.	2.4	41
107	Origin of the asymmetric induction in metallosalen-catalyzed reactions of aldehydes. Chemical Communications, 2009, , 6747.	2.2	4
108	Anion receptors based on 7,7â€²-diamido-2,2â€²-diindolylmethane. Chemical Communications, 2009, , 4560.	2.2	56

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109	Bisamides Derived from Azuleneâ€1,3â€•and â€5,7â€dicarboxylic Acids as New Building Blocks for Anion Receptors. Chemistry - A European Journal, 2008, 14, 838-846.	1.7	24
110	Improvement of the reactivity and selectivity of the oxo-Dielsâ€"Alder reaction by steric modification of the salenâ€"chromium catalyst. Tetrahedron Letters, 2008, 49, 6810-6811.	0.7	22
111	Xâ€Ray Structure Analyses of syn/antiâ€Conformers of Nâ€Furfuroylâ€, Nâ€Benzoylâ€, and Nâ€Picolinoylâ€Substituted (2R)â€Bornaneâ€10,2â€sultam Derivatives. Helvetica Chimica Acta, 2008, 91, 1409-1418.	1.0	5
112	Synthesis, structure and the binding properties of the amide-based anion receptors derived from 1H-indole-7-amine. Tetrahedron, 2008, 64, 568-574.	1.0	41
113	High Molecular Weight Polymethacrylates by AGET ATRP under High Pressure. Macromolecules, 2008, 41, 1067-1069.	2.2	138
114	Highly Enantioselective Synthesis of 2-Furanyl-hydroxyacetates from Furans via the Friedelâ^'Crafts Reaction. Organic Letters, 2008, 10, 2955-2958.	2.4	37
115	Controlling and Measuring the Equilibration of Dynamic Combinatorial Libraries of Imines. Organic Letters, 2008, 10, 5159-5162.	2.4	35
116	Synthesis, structure, and complexing properties of macrocyclic receptors for anions. Pure and Applied Chemistry, 2007, 79, 1087-1096.	0.9	31
117	Search of Nature of Planar Chirality for Pendent Benzodiazacoronands in the Solid State:Â NMR, X-ray, and DFT Studies. Journal of Physical Chemistry B, 2007, 111, 2790-2799.	1.2	11
118	Diastereoselective 1,3â€Dipolar Cycloadditions of Chiral Derivatives of 2â€Oxoethanenitrile Oxide to Noncyclic Conjugated Symmetrical Alkenes. Helvetica Chimica Acta, 2007, 90, 2116-2131.	1.0	14
119	Synthesis of chiral 4-substituted 2-hydroxypent-4-enoic acid derivatives via diastereoselective ene reaction promoted by ZnBr2. Tetrahedron: Asymmetry, 2007, 18, 215-223.	1.8	6
120	Enantioselective glyoxylate-ene reactions catalysed by (salen)chromium(III) complexes. Tetrahedron Letters, 2007, 48, 2405-2408.	0.7	23
121	Asymmetric 1,3-dipolar cycloadditions of chiral carboxyloyl nitrile oxides to cycloalkenes. Tetrahedron: Asymmetry, 2007, 18, 865-872.	1.8	16
122	Highly Diastereoselective Friedelâ^'Crafts Reaction of Furans with 8-Phenylmenthyl Glyoxylate. Organic Letters, 2006, 8, 5045-5048.	2.4	17
123	Asymmetric Crystallization of an Achiral Lariat-type Macrocyclic Compound. Crystal Growth and Design, 2006, 6, 20-22.	1.4	13
124	Catalytic asymmetric allylation of aldehydes using the chiral (salen)chromium(III) complexes. Tetrahedron, 2006, 62, 5116-5125.	1.0	25
125	Structural studies and binding properties of pendant diazacoronandsâ€"precursors to macrocyclic compounds of planar chirality. Tetrahedron, 2006, 62, 5905-5914.	1.0	8
126	Influence of Lewis acids on the [4+2] cycloaddition of (2R,2â€²R)-N,Nâ€²-fumaroylbis[fenchane-8,2-sultam] to cyclopentadiene and cyclohexadiene. Tetrahedron: Asymmetry, 2006, 17, 822-828.	1.8	11

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127	Asymmetric Friedelâ€“Crafts reaction of furans with alkyl glyoxylates catalyzed by (salen)Co(II) complexes. Journal of Molecular Catalysis A, 2006, 257, 124-131.	4.8	15
128	New Macrocycles with Planar Chiralityâ€”Synthesis and Determination of Absolute Configurations. Chemistry - A European Journal, 2006, 12, 4397-4406.	1.7	10
129	Anion Binding versus Intramolecular Hydrogen Bonding in Neutral Macrocyclic Amides. Chemistry - A European Journal, 2006, 12, 7652-7667.	1.7	67
130	Structural studies of new chiral nickel (II) complexes of cyclams: The influence of a systematically varied number of amide groups. Polyhedron, 2005, 24, 2981-2987.	1.0	2
131	Synthesis and determination of alkali metal binding selectivities of chiral macrocyclic bisamides derived from d-mannitol and l-threitol possessing 2,6-pyridinedicarboxamide subunits. Tetrahedron: Asymmetry, 2005, 16, 1939-1946.	1.8	6
132	The synthesis of oximes and nitroalkanes bearing a chiral auxiliary unit: convenient substrates for the preparation of enantiomerically pure nitrile oxides. Tetrahedron: Asymmetry, 2005, 16, 2257-2262.	1.8	26
133	The high-pressure [4+2]cycloaddition of 1-methoxybuta-1,3-diene to the glycolaldehyde-derived heterodienophiles, catalyzed by chiral metallosalen complexes. Tetrahedron: Asymmetry, 2005, 16, 2959-2964.	1.8	19
134	A hybrid macrocycle containing benzene and pyridine subunits is a better anion receptor than both its homoaromatic congeners. Tetrahedron Letters, 2005, 46, 3085-3088.	0.7	39
135	The azulene moiety as a chromogenic building block for anion receptors. Tetrahedron Letters, 2005, 46, 6231-6234.	0.7	33
136	Structure-driven design and synthesis of chiral dioxocyclam derivatives. Tetrahedron, 2005, 61, 9031-9041.	1.0	10
137	Synthesis and [4+2] Cycloaddition of (2R,2â€²R)-N,Nâ€²-Fumaroylbis[fenchane-8,2-sultam] (=(2E)-1,4-Bis[(3aS,6S,7aR)-1,4,5,6,7,7a-hexahydro-7,7-dimethyl-2,2-dioxido-3H-3a,6-methano-2,1-benzothiazol-1-yl]but-2-ene-1,4-dione) to Cyclopentadiene. Helvetica Chimica Acta, 2005, 88, 2441-2453.	1.5	20
138	Anion Recognition by Neutral Macrocyclic Amides. Chemistry - A European Journal, 2005, 11, 6080-6094.	1.7	160
139	The Enantioselective High-Pressure Diels?Alder Reaction of 1-Methoxybuta-1,3-diene with tert-Butyldimethylsilyloxyacetaldehyde Catalyzed by (Salen)Co(II) and (Salen)Cr(III)Cl Complexes.. ChemInform, 2005, 36, no.	0.1	0
140	The Synthesis of Oximes and Nitroalkanes Bearing a Chiral Auxiliary Unit: Convenient Substrates for the Preparation of Enantiomerically Pure Nitrile Oxides.. ChemInform, 2005, 36, no.	0.1	0
141	Thioamides versus amides in anion binding. Tetrahedron, 2005, 61, 4081-4089.	1.0	70
142	Stereochemistry of the Dielsâ€“Alder reaction at high pressure: diastereo- and enantioselective [4+2]cycloaddition of buta-1,3-diene to glyoxylic acid derivatives catalysed by (salen) chromium(III) complexes. Tetrahedron: Asymmetry, 2005, 16, 2897-2900.	1.8	10
143	Structural aspects of phase transition in pyrrole-2,5-dithioamide single crystals. Journal of Physical Organic Chemistry, 2005, 18, 864-869.	0.9	9
144	Unusual Anionâ^'Anion Assembly inside a Macrocycle-Defined Channel in the Crystal Lattice. Crystal Growth and Design, 2005, 5, 1339-1341.	1.4	3

#	Article	IF	Citations
145	High-Pressure Synthesis of Cryptands via Double Amidation Reaction of Diazacoronands with Active Esters of Î±,Ï‰-Dicarboxylic Acids. Synthesis, 2004, 2004, 369-372.	1.2	2
146	Efficient Synthesis of New Macrocycles with Planar Chirality. Synlett, 2004, 2004, 1616-1618.	1.0	1
147	Synthesis and Determination of Alkali Metal Binding Selectivities of Chiral Macrocyclic Bisamides Derived from D-Mannitol and L-Threitol. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 49, 85-89.	1.6	4
148	The enantioselective Dielsâ€“Alder reaction of 1-methoxybuta-1,3-diene with n-butyl glyoxylate catalyzed by the (salen)Cr(III)Cl and Co(II) complexes. Tetrahedron: Asymmetry, 2004, 15, 3189-3194.	1.8	20
149	Factors Influencing the Course of the Macrocyclization ofÎ±,Ï‰-Diamines with Esters ofÎ±,Ï‰-Dicarboxylic Acids. Helvetica Chimica Acta, 2004, 87, 156-166.	1.0	9
150	Effective High-Pressure Cleavage of Sterically Hindered Steroid Esters. Helvetica Chimica Acta, 2004, 87, 1488-1492.	1.0	9
151	Asymmetric Reaction of Simple Nitro Compounds with Chiral 1,3-Oxazolidin-2-ones. Helvetica Chimica Acta, 2004, 87, 1724-1736.	1.0	9
152	Comparative Infrared,Raman, and Natural-Bond-Orbital Analyses ofKing's Sultam. Helvetica Chimica Acta, 2004, 87, 1748-1766.	1.0	6
153	Highly Diastereoselective Henry Reaction of Nitro Compounds with Chiral Derivatives of Glyoxylic Acid.. ChemInform, 2004, 35, no.	0.1	0
154	Diastereoselective allylation of N-glyoxyloyl-(2R)-bornane-10,2-sultam and (1R)-8-phenylmenthyl glyoxylate: synthesis of (2S,4S)-2-hydroxy-4-hydroxymethyl-4-butanolide. Tetrahedron: Asymmetry, 2004, 15, 3869-3878.	1.8	14
155	Synthesis and chiroptical properties of two new planar-chiral macrocycles. Tetrahedron Letters, 2004, 45, 3309-3311.	0.7	16
156	Highly enantioselective hydrogenation of 3,5-diketo esters: a formal synthesis of tetrahydrolipstatin. Tetrahedron Letters, 2004, 45, 3873-3875.	0.7	19
157	Enantioselective allylation of alkyl glyoxylates catalyzed by (salen)chromium(III) complexes. Tetrahedron Letters, 2004, 45, 5343-5346.	0.7	20
158	Size complementarity in anion recognition by neutral macrocyclic tetraamides. Tetrahedron Letters, 2004, 45, 6007-6010.	0.7	61
159	The enantioselective high-pressure Dielsâ€“Alder reaction of 1-methoxybuta-1,3-diene with tert-butyldimethylsilyloxyacetaldehyde catalyzed by (salen)Co(II) and (salen)Cr(III)Cl complexes. Tetrahedron Letters, 2004, 45, 7693-7696.	0.7	24
160	Anion induced conformational switch of a macrocyclic amide receptor. Tetrahedron Letters, 2004, 45, 8699-8703.	0.7	34
161	The unusual course of the high-pressure reaction of 1,10-diaza-[18]-crown-6 with Î±,Ï‰-diiodo ethers. Tetrahedron Letters, 2004, 45, 9553-9556.	0.7	4
162	Highly diastereoselective Henry reaction of nitro compounds with chiral derivatives of glyoxylic acid. Tetrahedron, 2004, 60, 4807-4820.	1.0	27

#	Article	IF	Citations
163	A new strategy for the synthesis of pendant benzodiazacoronands and their use as components of chromatographic stationary phases. Tetrahedron, 2004, 60, 5769-5776.	1.0	3
164	Asymmetric Nitroaldol Reaction. Synthesis of Taxotere Side Chain and (â˜')-Bestatin Using (1R)-8-Phenylmenthyl Glyoxylate. Journal of Organic Chemistry, 2004, 69, 2844-2850.	1.7	48
165	1,8-Diamino-3,6-dichlorocarbazole:â€‰ A Promising Building Block for Anion Receptors. Organic Letters, 2004, 6, 3501-3504.	2.4	160
166	Synthesis of (â˜')-bestatin and the TaxotereÂ® side-chain via nitroaldol reaction of (1R)-8-phenylmenthyl glyoxylate. Tetrahedron Letters, 2003, 44, 8685-8687.	0.7	13
167	Enantioselective [4+2] Cycloaddition of Buta-1,3-dienes to Alkyl Glyoxylates Catalyzed by the Chiral (Salen)Chromium(III) Complex. Advanced Synthesis and Catalysis, 2003, 345, 506-509.	2.1	18
168	The Titanium-Catalyzed Epoxidation of Homoallylic Î±-Amino Alcohols.. ChemInform, 2003, 34, no.	0.1	0
169	Synthesis and Reactivity of N-Protected Î±-Amino Aldehydes. ChemInform, 2003, 34, no.	0.1	0
170	Synthesis and reactivity ofN-protected-?-amino aldehydes. Chirality, 2003, 15, 514-541.	1.3	81
171	(Salen)Co(II) complexâ€"an efficient catalyst for the high-pressure Friedelâ€"Crafts reaction of 2-methylfuran with alkyl glyoxylates. Tetrahedron: Asymmetry, 2003, 14, 3643-3645.	1.8	24
172	Highly diastereoselective nitroaldol reactions with chiral derivatives of glyoxylic acid. Tetrahedron Letters, 2003, 44, 8681-8683.	0.7	17
173	Synthesis of macrocyclic tetraamides derived from Î±-amino acids and their investigations using ESI-MS technique. Tetrahedron, 2003, 59, 4775-4783.	1.0	12
174	Highly diastereoselective hetero-Dielsâ€"Alder reaction of buta-1,3-diene with N-glyoxyloyl-(2R)-bornane-10,2-sultam: an efficient synthesis of homochiral (S)-3-[2-{(methylsulfonyl)oxy}ethoxy]-4-(triphenylmethoxy)-1-butanol methanesulfonate. Tetrahedron: Asymmetry, 2003, 14, 239-244.	1.8	7
175	Asymmetric addition of titanium and sodium alkoxides to chiral imines. Tetrahedron: Asymmetry, 2003, 14, 1161-1166.	1.8	4
176	Influence of solvent polarity on the stereoselectivity of the uncatalyzed [4+2] cycloaddition of cyclopentadiene to anN,N?-fumaroyl bis-(six-membered ring [(2R)-10a-homobornane-10a,2-sultam]). Journal of Physical Organic Chemistry, 2003, 16, 700-708.	0.9	11
177	Synthesis of Heteromacrocyclic Compounds Using Dynamic Combinatorial Chemistry Methods. , 2003, , 57.		0
178	A SHORT AND HIGHLY ENANTIOSELECTIVE SYNTHESIS OF (6R)-UNDECYLTETRAHYDROPYRAN-2-ONE, THE PHEROMONE OFVESPA ORIENTALIS. Organic Preparations and Procedures International, 2002, 34, 187-190.	0.6	7
179	Pressure Effects in Organic Chemistry. Defect and Diffusion Forum, 2002, 208-209, 95-106.	0.4	2
180	The Synthesis and Structure of Macrocyclic Pyridinophanes â€" Potential Anion Receptors. Heterocycles, 2002, 56, 361.	0.4	14

#	Article	IF	Citations
181	A GENERAL SYNTHESIS OF MACROCYCLIC ESTERS. Organic Preparations and Procedures International, 2002, 34, 204-207.	0.6	1
182	A selective colorimetric anion sensor based on an amide group containing macrocycle. Chemical Communications, 2002, , 2450-2451.	2.2	119
183	Native transfer RNA catalyzes Dielsâ€“Alder reaction. Biochemical and Biophysical Research Communications, 2002, 294, 145-148.	1.0	11
184	A simple synthesis of chiral macrocyclic tetraamides derived from Î±-amino acids. Tetrahedron: Asymmetry, 2002, 13, 2053-2059.	1.8	26
185	The titanium-catalysed epoxidation of homoallylic Î±-amino alcohols. Tetrahedron: Asymmetry, 2002, 13, 2075-2078.	1.8	8
186	Diastereoselective allylation of chiral imines and a stereocontrolled route to 4-hydroxy-N-tosylpipecolic acid derivatives. Tetrahedron: Asymmetry, 2002, 13, 2061-2069.	1.8	15
187	Asymmetric addition of 2-methylfuran and its lithiated derivative to variously N,N-protected l-alaninals. Tetrahedron: Asymmetry, 2002, 13, 2133-2139.	1.8	5
188	Synthesis of Chiral Tetraazacoronands Derived from l-Alanine and Their Investigations Using Capillary Electrophoresis Technique. Journal of Supramolecular Chemistry, 2002, 2, 271-277.	0.4	1
189	An efficient stereoselective synthesis of (2S,4S,5R)-(â^')-bulgecinine. Tetrahedron Letters, 2001, 42, 2019-2021.	0.7	20
190	The synthesis of l-proline derived tetraazamacrocyclic ligands of C2 symmetry via intramolecular ester aminolysis. Tetrahedron: Asymmetry, 2001, 12, 111-119.	1.8	15
191	The synthesis of l-proline derived hexaazamacrocyclic ligands of C3 symmetry via intramolecular methyl ester aminolysis. Tetrahedron: Asymmetry, 2001, 12, 487-495.	1.8	9
192	Chiral Î±,Ï‰-diaminoethers derived from d-mannitol and l-treitol as building blocks for the synthesis of macrocyclic compounds possessing 1,3-benzenedicarboxamide or 2,6-pyridinedicarboxamide subunits. Tetrahedron: Asymmetry, 2001, 12, 1763-1769.	1.8	11
193	Diastereoselectivity in the hetero [4+2] cycloaddition of cyclopentadiene to N-benzyliminoacetyl derivatives of (2R)-bornane-10,2-sultam and other chiral secondary alcohols. Tetrahedron: Asymmetry, 2001, 12, 1939-1945.	1.8	12
194	Synthesis of herbicidal 3â€substitutedâ€4(3H)â€pyrimidinones under high pressure. Journal of Heterocyclic Chemistry, 2001, 38, 645-648.	1.4	17
195	Asymmetric induction in the 1,3-dipolar cycloaddition of chiral nitrile oxide derived from (2R)-bornane-10,2-sultam. Chirality, 2001, 13, 629-630.	1.3	6
196	Asymmetric induction in the [4+2]cycloaddition of cyclopentadiene and furan to chiral derivatives of fumaric acid. Chirality, 2001, 13, 631-633.	1.3	7
197	Asymmetric addition of allyltrimethylsilane toN-tosylimine of (1R)-8-phenylmenthyl glyoxylate. Chirality, 2001, 13, 634-635.	1.3	5
198	A New Macrocyclic Polylactam-Type Neutral Receptor for Anions â^' Structural Aspects of Anion Recognition. European Journal of Organic Chemistry, 2001, 2001, 4031-4039.	1.2	110

#	Article	IF	Citations
199	Unusual Encapsulation of Two Anions in the Cavity of Neutral Macrocyclic Octalactam, Preliminary Communication. Helvetica Chimica Acta, 2001, 84, 3760-3765.	1.0	31
200	The role of water structure in conformational changes of nucleic acids in ambient and high-pressure conditions. FEBS Journal, 2001, 260, 293-307.	0.2	64
201	Efficient Stereoselective Synthesis of (2S,3S,5R)-(+)-Preussin. Heterocycles, 2001, 54, 581.	0.4	11
202	Glyoxylic acid derivatives in asymmetric synthesis. Pure and Applied Chemistry, 2000, 72, 1589-1596.	0.9	12
203	Title is missing!. Helvetica Chimica Acta, 2000, 83, 2705-2711.	1.0	13
204	A new asymmetric route to synthetically useful Î³-substituted Î³-butyrolactones. Tetrahedron Letters, 2000, 41, 4003-4006.	0.7	7
205	Synthesis and asymmetric hydrogenation of 3,5-dioxoheptanedioates. Preparation of enantiomerically pure substituted Î´-valerolactones. Tetrahedron Letters, 2000, 41, 4959-4963.	0.7	22
206	Preparation of a new type of homochiral l-proline derived cyclam and their nickel(II) complexes. Tetrahedron Letters, 2000, 41, 5967-5970.	0.7	12
207	Synthesis and monolayer behavior of amphiphilic per(2,3-di-O-alkyl)-Î±- and Î²-cyclodextrins and hexakis(6-deoxy-6-thio-2,3-di-O-pentyl)-Î±-cyclodextrin at an airâ€“water interface. Tetrahedron Letters, 2000, 41, 9119-9123.	0.7	22
208	Asymmetric syn-dihydroxylation of Î³-substituted (2R)-N-(Î²,Î³-enoyl)bornane-10,2-sultams. Tetrahedron: Asymmetry, 2000, 11, 1027-1041.	1.8	9
209	A comparison of two effective chiral auxiliariesâ€”(2R)-bornane-10,2-sultam and (2R)-bornane-10,2-cyclohydrazideâ€”using the [4+2] cycloaddition of cyclopentadiene to their N,Nâ€²-fumaroyl derivatives. Tetrahedron: Asymmetry, 2000, 11, 4581-4591.	1.8	11
210	A CONVENIENT AND EFFECTIVE METHOD FOR THE SYNTHESIS OF TETRAOXAQUATERENES. Organic Preparations and Procedures International, 2000, 32, 394-397.	0.6	3
211	An Influence of Structure of Ester on Results of Its Macrocyclization Reaction with Î±,Ï‰-Diamine. Supramolecular Chemistry, 2000, 12, 101-104.	1.5	2
212	The Reaction of 2,5-Bis(Dimethyfurfuryl)Furan Dialdehyde with Primary Î±,Ï‰-Diamines. Supramolecular Chemistry, 2000, 12, 97-100.	1.5	3
213	1H,13C,15N NMR and X-Ray Diffractometry in Structural Studies of Macrocyclic Lactams Containing Pyridine Moiety. Supramolecular Chemistry, 2000, 12, 229-235.	1.5	14
214	Calcium complexes of macrocyclic lactams: their structure and calcium induced conformational changes. Perkin Transactions II RSC, 2000, , 1553-1558.	1.1	17
215	The Simple Synthesis of Chiral Polyazaoxacoronands Derived from Î±-Amino Acids. Supramolecular Chemistry, 2000, 12, 93-95.	1.5	3
216	The Use of Tripodal Reagents in the Effective Preparation of Highly Elaborated Azacoronands. Supramolecular Chemistry, 2000, 12, 209-211.	1.5	2

#	Article	IF	Citations
217	Synthesis of Interlocked Diazacoronand System. Supramolecular Chemistry, 2000, 12, 217-219.	1.5	4
218	A New Approach to the Synthesis of Chiral Tetraazacoronands Derived from L-Alanine. Heterocycles, 2000, 52, 537.	0.4	2
219	Improved Method for the Preparation of Macrocyclic Diamides. Synlett, 1999, 1999, 1310-1312.	1.0	20
220	Diastereoselective addition of allylic reagents to chiral Î±-ketoimides derived from Oppolzer's sultam. Tetrahedron Letters, 1999, 40, 1009-1012.	0.7	15
221	New method of in situ generation of nitrile oxides by MnO2 oxidation of aldoximes. Tetrahedron Letters, 1999, 40, 5605-5608.	0.7	31
222	Asymmetric reduction of N-methylglyoxyloyl- and N-phenylglyoxyloyl-(2R)-bornane-10,2-sultam. Tetrahedron: Asymmetry, 1999, 10, 535-541.	1.8	9
223	The asymmetric hetero-Dielsâ€“Alder reaction and addition of allylic organometallics to 10-N,N-dicyclohexylsulphamoyl-(2R)-isobornyl glyoxylate. Tetrahedron: Asymmetry, 1999, 10, 2101-2111.	1.8	11
224	Stereoselectivity in the TiCl4-Catalyzed [4+2] Cycloaddition of Cyclopentadiene to (2R)-Bornane-10,2-sultam Derivatives of Fumaric Acid Monoesters. Helvetica Chimica Acta, 1999, 82, 182-190.	1.0	9
225	Diastereoselective Addition of Allyltrimethylsilane toN-Glyoxyloyl-(2R)-bornane-10,2-sultam. A new synthesis of (S)-1,2-Pentanediol. Synthetic Communications, 1999, 29, 3999-4005.	1.1	15
226	THE SYNTHESIS AND COMPLEXATION PROPERTIES OF MULTIDENTATE PER-[6-DEOXY-6-THIO-(4-PYRIDYL)]-CYCLODEXTRINS. Journal of Coordination Chemistry, 1999, 47, 59-67.	0.8	1
227	Synthetic and crystallographic studies on pyridinophanes. Tetrahedron, 1998, 54, 7505-7516.	1.0	30
228	Diastereoselectivity control in the TiCl4-mediated addition reaction of allyltrimethylsilane to N,O-protected (l)-serinals. Tetrahedron Letters, 1998, 39, 9835-9838.	0.7	10
229	Influence ofLewis Acids on the [4 + 2] Cycloaddition ofN,N?-Fumaroylbis[(2R)-bornane-10,2-sultam] to Cyclopentadiene and application to various dienes. Helvetica Chimica Acta, 1998, 81, 324-329.	1.0	19
230	Asymmetricsyn-Dihydroxylation of Î²-Substituted (2R)-N-(Î±,Î²-Enoyl)bornane-10,2-sultams. Helvetica Chimica Acta, 1998, 81, 1264-1277.	1.0	21
231	Asymmetric Hetero-Diels-Alder Addition of 1-Methoxybuta-1,3-diene to (2R)-N-Pyruvoyl- and (2R)-N-(Phenylglyoxyloyl)bornane-10,2-sultam. Helvetica Chimica Acta, 1998, 81, 1672-1680.	1.0	9
232	Influence of the Solvent Polarity on the Stereoselectivity of the Uncatalyzed [4+2] Cycloaddition of Cyclopentadiene toN,Nâ€²-Fumaroyldi[(2R)-borane-10,2-sultam]. Helvetica Chimica Acta, 1998, 81, 2314-2325.	1.0	31
233	Effective and mild method for preparation of optically active Î±-amino aldehydes via TEMPO oxidation. Tetrahedron, 1998, 54, 6051-6064.	1.0	74
234	The use of tris(2-aminoethyl)amine in macrocyclization processes. Tetrahedron Letters, 1998, 39, 3833-3836.	0.7	11

#	Article	IF	Citations
235	The use of the Mitsunobu reaction in preparation of chiral synthons for macrocyclic frameworks. Tetrahedron: Asymmetry, 1998, 9, 1771-1778.	1.8	19
236	Recent Advances in High Pressure Organic Synthesis: Pressure-Mediated Processes Based on Transesterification.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 1236-1240.	0.1	4
237	The Simple Synthesis of Chiral Diazacoronands Derived from D-Mannitol and L-Tartaric Acid. , 1998, , 221-226.		1
238	The synthesis of macrocyclic diamides and tetramides containing phenol units. Tetrahedron, 1997, 53, 7957-7966.	1.0	29
239	The synthesis of tricyclic cryptands. Tetrahedron, 1997, 53, 7967-7974.	1.0	12
240	Total synthesis of 1,3-dideoxynojirimycin. Tetrahedron Letters, 1997, 38, 8275-8278.	0.7	15
241	The asymmetric ene reaction of N-glyoxyloyl-(2R)-bornane-10,2-sultam with 1-pentene and 1-hexene. Tetrahedron: Asymmetry, 1997, 8, 1741-1749.	1.8	13
242	Asymmetric [4+2] cycloaddition of cyclopentadiene to Nâ€²-tosylimine of N-glyoxyloyl-(2R)-bornane-10,2-sultam. Tetrahedron: Asymmetry, 1997, 8, 2619-2625.	1.8	19
243	The highly diastereocontrolled addition of the lithium derivative of tert-butyldimethylsilyl propargyl ether to. Tetrahedron: Asymmetry, 1997, 8, 2627-2631.	1.8	22
244	Diastereoselective addition of vinylmagnesium halides to variously N-mono- and N,N-diprotected l-alaninals. Tetrahedron: Asymmetry, 1997, 8, 4059-4067.	1.8	23
245	Diastereoselective addition of allyl reagents to. Tetrahedron, 1997, 53, 13373-13382.	1.0	14
246	Monolayer Behavior of [6-Deoxy-6-S-phenyl]-Î±-, Î²-, and Î³-cyclodextrins at the Airâ^'Water Interface. Langmuir, 1996, 12, 6114-6118.	1.6	16
247	Direct Synthesis of Amphiphilic Î±-, Î²-, and Î³-Cyclodextrins. Journal of Carbohydrate Chemistry, 1996, 15, 787-796.	0.4	16
248	Efficient synthesis of N-glyoxyloyl-(2R)-bornane-10,2-sultam. Tetrahedron: Asymmetry, 1996, 7, 1385-1390.	1.8	27
249	Stereochemical course of the [4+2] cycloaddition of 1-methoxybuta-1,3-diene to N-glyoxyloyl-(2R)-bornane-10,2-sultam. The formal synthesis of compactin and mevinolin. Tetrahedron: Asymmetry, 1996, 7, 1391-1404.	1.8	47
250	The stereocontrolled synthesis of methyl C. Tetrahedron: Asymmetry, 1996, 7, 1405-1412.	1.8	13
251	The asymmetric cyclocondensation reaction of 1-methoxy-3-silyloxybuta-1,3-dienes with N-glyoxyloyl-(2R)-bornane-10,2-sultam. Tetrahedron: Asymmetry, 1996, 7, 1413-1418.	1.8	12
252	Efficient Preparation and X-Ray Structure Analyses of (2R)-N-pyruvoyl- and (2R)-N-(phenylglyoxyloyl)bornane-10,2-sultam. Helvetica Chimica Acta, 1996, 79, 1059-1066.	1.0	14

#	Article	IF	Citations
253	Structure of cyclodextrins and their complexes. Part 5.¹ The NMR observation of separate signals of host and guest pertaining to 1 : 1 and 1 : 2 complexes of acenaphthene with Î²-cyclodextrin. Supramolecular Chemistry, 1996, 7, 33-35.	1.5	10
254	Structure and Function of Nucleic Acids Under High Pressure. Progress in Biotechnology, 1996, 13, 189-194.	0.2	1
255	Complete ?-Facial Stereoselectivity in the TiCl4-Mediated [4 + 2] Cycloaddition of Cyclopentadiene toN,N?-fumaroyldi[(2R)-bornane-10,2-sultam]. Helvetica Chimica Acta, 1995, 78, 145-150.	1.0	19
256	Furan in the synthesis of natural products. Studies in Natural Products Chemistry, 1995, 16, 639-685.	0.8	14
257	Molecular building blocks: chromophoric amphiphilic cyclodextrin derivatives. Supramolecular Chemistry, 1994, 3, 171-173.	1.5	6
258	The non-enzymatic specific aminoacylation of transfer RNA at high pressure. International Journal of Biological Macromolecules, 1994, 16, 153-158.	3.6	29
259	A-Z-RNA conformational changes effected by high pressure. International Journal of Biological Macromolecules, 1994, 16, 159-162.	3.6	34
260	Reversibility of the [2 + 2] Cycloaddition of Isocyanates to Glycals. Chemische Berichte, 1993, 126, 265-267.	0.2	7
261	Macrocyclic oxamides as ionophores for lead-selective membrane electrodes. Electroanalysis, 1993, 5, 489-492.	1.5	36
262	A new method for the synthesis of diazacoronands via double-amidation reaction. Tetrahedron, 1993, 49, 1478-1488.	1.0	49
263	Highly stereoselective synthesis of cis-(2R,3S)-3-hydroxyproline. Tetrahedron Letters, 1993, 34, 7107-7110.	0.7	33
264	Synthesis of N,Nâ€²-dimethyl diazacoronands via double-quaternization reaction. Tetrahedron, 1993, 49, 1471-1477.	1.0	21
265	Î±-Amino-Î²-hydroxy Acids in the Total Synthesis of Amino Sugars. Synlett, 1993, 1993, 241-245.	1.0	67
266	Structure of cyclodextrins and their complexes. Part 3.¹H NMR spectra of diastereomeric complexes ofcis-decalin with Î²-cyclodextrin¹. Supramolecular Chemistry, 1993, 3, 79-81.	1.5	11
267	High-pressure [2 + 2]cyloaddition of acyl isocyanates to glycals. High Pressure Research, 1993, 11, 171-176.	0.4	9
268	High-pressure approach to the synthesis of macrocyclic diamides. High Pressure Research, 1993, 11, 139-143.	0.4	17
269	Effect of pressure on the reaction of 2-alkylfurans with diethyl mesoxalate. High Pressure Research, 1993, 11, 119-123.	0.4	2
270	13C NMR differentiation of diastereoisomeric complexes of cis-decalin with Î²-cyclodextrin. Journal of the Chemical Society Chemical Communications, 1992, , 207-208.	2.0	43

#	Article	IF	Citations
271	High Pressure Approach to the Synthesis of Diazacoronands and Cryptands. Journal of Coordination Chemistry, 1992, 27, 201-214.	0.8	18
272	The total synthesis of l-daunosamine. Tetrahedron, 1992, 48, 4231-4238.	1.0	18
273	Synthesis and X-Ray Structural Studies of â€˜4,7,13-Trioxa-1,10-diaza-5,6-benzocyclopentadecane-2,9-dioneâ€™ () Tj ETQq1 1 0.7843 â€˜4,7,13,16-Tetraoxa-1,10-diaza-5,6-benzocycloo. Helvetica Chimica Acta, 1992, 75, 1313-1319.	1.0	8
274	A general method for the synthesis of diazacoronands. Journal of the Chemical Society Chemical Communications, 1991, , 956-957.	2.0	27
275	Syntheses of destomic acid and anhydro-galantinic acid from L-serinal. Journal of Organic Chemistry, 1991, 56, 7344-7347.	1.7	31
276	B-Z DNA reversible conformation changes effected by high pressure. FEBS Letters, 1991, 279, 1-4.	1.3	61
277	Influence of N-protecting groups on the stereochemical course of [4+2] cycloaddition of activated dienes to Î±-amino aldehydes. Tetrahedron, 1991, 47, 1053-1064.	1.0	15
278	Stereoselective addition of furyllithium to variously N,N-diprotected d-alaninals. Tetrahedron Letters, 1990, 31, 3797-3800.	0.7	23
279	Diastereoselective synthesis of the lactone portion of compactin and mevinolin. Journal of the Chemical Society Chemical Communications, 1990, , 1178.	2.0	22
280	Total Synthesis of Lincomycin and Related Chemistry. , 1990, , 365-385.		5
281	A New Method for the Synthesis of N, N'-Dimethyl Diazacoronands: High-Pressure Alkylation of Î±, Ï‰-Secondary Diamines with Î±, Ï‰-Di-Iodo Compounds. Synthetic Communications, 1989, 19, 2175-2179.	1.1	4
282	High-pressure organic synthesis. High Pressure Research, 1989, 1, 99-113.	0.4	8
283	AsymmetricDiels-Alder Reaction of 1-Methoxybuta-1,3-diene with (2R)-N-Glyoxyloylbornane-10,2-sultam. Helvetica Chimica Acta, 1989, 72, 482-486.	1.0	50
284	Comparative studies of the ability of cyclomaltohexaose, -heptaose, and -octaose to form inclusion complexes with isomers of some hydrocarbons under the conditions of gas-liquid chromatography. Carbohydrate Research, 1989, 192, 243-250.	1.1	11
285	Fast atom bombardment of mass spectra of some N,N'-tetramethyl diazacoronands diiodides. Organic Mass Spectrometry, 1989, 24, 431-434.	1.3	4
286	Total synthesis of (+)-galantinic acid. Tetrahedron Letters, 1989, 30, 7103-7104.	0.7	9
287	Influence of the N-protecting group on the stereochemical course of [4 + 2] cycloaddition of 1-ethoxy-3-[(trimethylsilyl)oxy]buta-1,3-diene to .alpha.-amino aldehydes. Journal of Organic Chemistry, 1989, 54, 2495-2496.	1.7	20
288	Total synthesis of purpurosamine B from D-alanine. Journal of Organic Chemistry, 1989, 54, 3759-3760.	1.7	14

#	Article	IF	Citations
289	Optically active N-protected .alpha.-amino aldehydes in organic synthesis. Chemical Reviews, 1989, 89, 149-164.	23.0	462
290	High-pressure approach to the synthesis of N,Nâ€²-dimethyl diazacornands. Journal of the Chemical Society Chemical Communications, 1989, , 184-185.	2.0	17
291	The stereochemical course of the high-pressure reaction of 2,5-dialkylfurans with diethyl mesoxalate. Journal of Organic Chemistry, 1989, 54, 4469-4470.	1.7	11
292	Reductive opening of 2,3-unsaturated aldopyranosides. Carbohydrate Research, 1988, 175, 306-310.	1.1	3
293	High-pressure approach to the synthesis of â€œC-O-Nâ€•analogues of nucleosides. Carbohydrate Research, 1988, 177, 244-246.	1.1	4
294	The high-pressure reaction of 2,5-dimethylfuran with 2,3–isopropylidene–glyceraldehyde. Tetrahedron, 1988, 44, 4569-4573.	1.0	11
295	High-pressure (4+2)cycloaddition of 1-methoxybuta-1,3-diene to Î±-amino aldehydes. Influence of n-protecting groups on asymmetric induction. Tetrahedron Letters, 1988, 29, 5975-5978.	0.7	21
296	The application of ultrasound to N-methylation of diazacoronands. Tetrahedron Letters, 1988, 29, 959-960.	0.7	19
297	Application of High-Pressure Technique to Carbohydrates. Journal of Carbohydrate Chemistry, 1987, 6, 1-15.	0.4	10
298	A general method for the synthesis of chiral multifunctional chain compounds incorporating pentitol fragments. Journal of the American Chemical Society, 1987, 109, 3981-3987.	6.6	52
299	High pressure approach to the total synthesis of 6-EPI–purpurosamine b. Tetrahedron, 1987, 43, 3063-3066.	1.0	39
300	High-and atmospheric-pressure cycloaddition of trichloroacetyl isocyanate to 3,4-di-o-acetyl-l-rhamnal. Tetrahedron, 1987, 43, 4555-4563.	1.0	13
301	Total synthesis of (+)-disparlure. Tetrahedron Letters, 1987, 28, 2627-2628.	0.7	30
302	Separation processes in gas-liquid chromatography based on formation of Î±-cyclodextrinâ€”Chiral hydrocarbons inclusion complexes. Journal of Inclusion Phenomena, 1987, 5, 69-72.	0.6	2
303	High pressure approach to the synthesis of cryptands and related compounds. Journal of Inclusion Phenomena, 1987, 5, 553-561.	0.6	13
304	Reverse anomeric effect of the carbamoyl group of 2,6-disubstituted 6-carbamoyl-5,6-dihydro-2H-pyrans. Magnetic Resonance in Chemistry, 1987, 25, 161-165.	1.1	2
305	Stable, enantiomerically pure hydroperoxides derived from sugars. Carbohydrate Research, 1987, 165, 111-115.	1.1	40
306	A general approach to the synthesis of 2,3-di-O-protected derivatives of d-glyceraldehyde. Carbohydrate Research, 1987, 164, 493-498.	1.1	27

#	Article	IF	Citations
307	Asymmetric induction in the Eu(fod)3-mediated high-pressure (4 + 2)cycloaddition of 1-methoxybuta-1,3-diene to 2,3-di-O-benzyl-d-glyceraldehyde. Carbohydrate Research, 1987, 160, C1-C2.	1.1	7
308	AsymmetricDiels-Alder Reactions of Cyclopentadiene withN-Crotonoyl-andN-Acryloyl-4,4-Dimethyl-1,3-Oxazolidin-2-one, Mediated by ChiralLewis Acids. Helvetica Chimica Acta, 1987, 70, 436-440.	1.0	103
309	Total synthesis of d,l-purpurosamine c. Tetrahedron, 1987, 43, 599-605.	1.0	13
310	Separation Processes in Gas-Liquid Chromatography Based on Formation of Î±-Cyclodextrin - Chiral Hydrocarbons Inclusion Complexes. , 1987, , 69-72.		0
311	New chromatographic method for the determination of the enantiomeric purity of terpenoic hydrocarbons. Journal of Chromatography A, 1986, 364, 299-303.	1.8	37
312	Tetrahedron report number 195 (R)- and (S)-2,3-0-isopropylideneglyceraldehyde in stereoselective organic synthesis. Tetrahedron, 1986, 42, 447-488.	1.0	380
313	Stereochemistry of diels-alder reaction at high pressure: asymmetric induction in the reaction of 1-methoxybuta-1,3-diene with sugar aldehydes. Tetrahedron, 1986, 42, 6477-6486.	1.0	27
314	High-pressure (4+2)cycloaddition of 1-methoxy-3-trialkylsilyloxybuta-1,3-dienes to butyl glyoxylate. Isolation of primary cycloadducts. Tetrahedron Letters, 1986, 27, 853-856.	0.7	24
315	A new approach to the synthesis of chiral multifunctional chain compounds from 2,3-O-isopropylidene-D-glyceraldehyde. Tetrahedron Letters, 1986, 27, 1711-1714.	0.7	5
316	Stereochemistry of diels-alder reaction at high-pressure: influence of pressure on asymmetric induction in (4+2)cycloaddition of 1-methoxybuta-1,3-diene to 2,3-o-isopropylidene-D-glyceraldehyde. Tetrahedron, 1986, 42, 5045-5052.	1.0	25
317	Application of high pressure in organic synthesis. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 139-140, 709-716.	0.9	5
318	High-pressure synthesis of cryptands and complexing behaviour of chiral cryptands. Topics in Current Chemistry, 1986, , 183-204.	4.0	25
319	Synthesis of Cryptands under High Pressure. The Role of Solvent and Leaving Group in Double Quaternization Reactions. Heterocycles, 1986, 24, 1203.	0.4	14
320	High-pressure Synthesis of 5,6-Dihydro-2H-pyran System. Eu(fod)3 Mediated (4+2)Cycloaddition of 1-Methoxybuta-1,3-diene to N-Protected a-Amino Aldehydes. Heterocycles, 1986, 24, 1205.	0.4	16
321	Novel Reductive Opening of 5,6-Dihydro-2H-pyran RIng. Heterocycles, 1986, 24, 1531.	0.4	5
322	High-pressure (2+2)cycloaddition of toluene-4-sulphonyl isocyanate to glycals. Tetrahedron, 1985, 41, 2441-2449.	1.0	36
323	Stereochemical consequences of nucleophilic additions to 2,3-0-isopropylideneglyceraldehyde. High-pressure approach versus the use of organometallic reagent. Tetrahedron Letters, 1985, 26, 4145-4148.	0.7	11
324	Novel oxidative opening of 2,5-disubstituted furan ring. Tetrahedron Letters, 1985, 26, 3039-3040.	0.7	54

#	Article	IF	Citations
325	Separation of some aromatic amino acids by reversed-phase high-performance liquid chromatography using Î± or Î²-cyclodextrin as mobile phase component. Journal of Chromatography A, 1985, 329, 206-210.	1.8	24
326	Organic Syntheses under High Pressure: Lanthanide-Catalysed [4 + 2]Cycloaddition of 1-Methoxybuta-1,3-diene to Carbonyl Compounds. Synthesis, 1985, 1985, 928-929.	1.2	33
327	Synthesis of Chiral [2.2.1] Cryptand Incorporating Methyl 4,6-O-[(S)-Phenyletrylidene]-Î±-D-Mannopyranoside Unit. Journal of Carbohydrate Chemistry, 1985, 4, 429-434.	0.4	14
328	High-Pressure Approach to the Synthesis of Optically Pure Methyl 4-Deoxyheptosides. Journal of Carbohydrate Chemistry, 1985, 4, 447-450.	0.4	9
329	Stability of cycloadducts obtained by high-pressure Diels-Alder reaction between 3,4-dimethoxyfuran and 1,4-benzoquinones: kinetic studies of retro-Diels-Alder reaction. Journal of Organic Chemistry, 1985, 50, 1106-1107.	1.7	22
330	High-pressure approach to the total synthesis of (.+-.)-ambreinolide and (.+-.)-8-epiambreinolide. Journal of Organic Chemistry, 1985, 50, 3963-3965.	1.7	22
331	High-pressure Synthesis of Cryptands with Aliphatic Bridging Units. Heterocycles, 1985, 23, 547.	0.4	12
332	Î±-and Î²-cyclodextrin complexation as a tool for the separation of o-, m- and p-nitro-cis and trans-cinnamic acids by reversed-phase high-performance liquid chromatography. Journal of Chromatography A, 1984, 286, 163-170.	1.8	40
333	Asymmetric induction in the high-pressure reaction between 2,3-0-isopropylidene-d-glyceraldehyde and 2,5-dimethylfuran. Tetrahedron Letters, 1984, 25, 3107-3110.	0.7	14
334	Stereospecific synthesis of 5,6-dihydro-2H-pyran system. High-pressure cycloaddition of 1:2,3:4-di-0-isopropylidene- Î±-D-galactopyranose-6-ulose to 1-methoxybuta-1,3-diene. Tetrahedron Letters, 1984, 25, 4809-4812.	0.7	35
335	Resolution of some chiral mandelic acid derivatives into enantiomers by reversed-phase high-performance liquid chromatography via Î±- and Î²-cyclodextrin inclusion complexes. Journal of Chromatography A, 1983, 282, 83-88.	1.8	106
336	Separation of Î±- and Î²-pinene into enantiomers in gas-liquid chromatography systems via Î±-cyclodextrin inclusion complexes. Journal of Chromatography A, 1983, 280, 131-134.	1.8	146
337	High-pressure approach to the synthesis of novel chiral cryptands derived from methyl 4,6-O-benzylidene-Î±-D-manno-, -Î±-D-galacto-, and -Î±-D-gluco-pyranoside. Journal of the Chemical Society Chemical Communications, 1983, , 1184-1184.	2.0	21
338	Asymmetric induction in the high-pressure cycloaddition of 2,3-O-isopropylidene-D-glyceraldehyde to 1-methoxybuta-1,3-diene. Journal of the Chemical Society Chemical Communications, 1983, , 540.	2.0	28
339	An unusual reaction of 2,5-dimethylfuran with carbonyl compounds : high-pressure ene reaction?. Journal of the Chemical Society Chemical Communications, 1983, , 1447-1448.	2.0	14
340	Formation of Quaternary Salts of Sterically Hindered Bis-Quinolizidine Monolactams under High Pressure. Synthesis, 1983, 1983, 920-920.	1.2	7
341	The conformation oft-butyl 2-methoxy-5, 6-dihydro-2H-pyran-6-carboxylates and 6,6â€²- disubstituted 2-methoxy-5,6-dihydro-2H-pyran derivatives on the basis of1H and13 C NMR spectra. Magnetic Resonance in Chemistry, 1982, 20, 249-253.	0.7	11
342	Î²-cyclodextrin as a chiral component of the mobile phase for separation of mandelic acid into enantiomers in reversed-phase systems of high-performance liquid chromatography. Journal of Chromatography A, 1982, 237, 303-306.	1.8	119

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343	A new, stereospecific method for the synthesis of 2,3:5,6-di-O-isopropylidene-Î±-D-mannofuranosides. Carbohydrate Research, 1982, 104, C18-C19.	1.1	4
344	Organic syntheses under high pressure. 3. General approach to the synthesis of naturally occurring .delta.-lactones. Journal of Organic Chemistry, 1981, 46, 2230-2233.	1.7	48
345	Diastereomeric non-equivalence of (â^')-Ï‰-camphanic esters of chiral secondary alcohols in13C NMR spectroscopy. Magnetic Resonance in Chemistry, 1981, 15, 193-196.	0.7	5
346	Application of1H NMRï£¿Eu(fod)3ï£¿shifted spectra for the determination of the enantiomeric composition and absolute configuration of secondary alcohols, using (â^')-Ï‰-camphanic esters. Magnetic Resonance in Chemistry, 1981, 17, 50-52.	0.7	3
347	Organic Syntheses under High Pressure; I. High-Pressure Diels-Alder Reactions between 1-Methoxybuta-1,3-diene and Carbonyl Compounds. Synthesis, 1979, 1979, 41-42.	1.2	67
348	Organic Syntheses under High Pressure; II. High-Pressure Diels-Alder Reactions with 2-Methoxy-5-oxo-5,6-dihydro-2H-pyran as Dienophile. Synthesis, 1979, 1979, 42-44.	1.2	18
349	Stereochemistry of Diels-Alder reactions at high pressure. 4. Asymmetric induction in high-pressure cycloadditions of (R)-(-)-menthyl glyoxylate and symmetric 1,3-dienes. Journal of Organic Chemistry, 1979, 44, 3347-3352.	1.7	53
350	Stereochemistry of Diels-Alder Reactions at High Pressure. II. Influence of High Pressure on Asymmetric Induction in Condensation of (â^')-Di-(R)-menthyl Fumarate with Butadiene and Isoprene. Bulletin of the Chemical Society of Japan, 1979, 52, 3438-3442.	2.0	34
351	The synthesis of 3,6-diamino-2,3,4,6-tetradeoxy-dl-threo-hexopyranose derivatives, substrates for the synthesis of negamycin. Tetrahedron, 1978, 34, 2977-2981.	1.0	33
352	Proton, phosphorus-31, and carbon-13 nuclear magnetic resonance nonequivalence of diastereomeric salts of chiral phosphorus thio acids with optically active amines. A method for determining the optical purity and configuration of chiral phosphorus thio acids. Journal of the American Chemical Society, 1978, 100, 7003-7008.	6.6	54
353	The synthesis of 2,3-dideoxyhex-2-enono-1,5-lactones. Carbohydrate Research, 1977, 56, 180-182.	1.1	35
354	A new class of monosaccharide derivatives: O-phthalimidohexoses. Carbohydrate Research, 1976, 50, C15-C16.	1.1	31
355	The synthesis of N-glycosylphthalimides. Carbohydrate Research, 1975, 39, 147-150.	1.1	12