Alberto Avenoza

List of Publications by Year
in descending order

148 papers	3,198 citations	159585 30 h-index	265206 42 g-index
162 all docs	162 docs citations	162 times ranked	2407 citing authors

#	Article	IF	Citations
1	Structure-based Design of Anti-cancer Vaccines: The Significance of Antigen Presentation to Boost the Immune Response. Current Medicinal Chemistry, 2022, 29, 1258-1270.	2.4	7
2	Monitoring of the Rioja red wine production process by <scp>¹H</scp>â€<scp>NMR</scp> spectroscopy. Journal of the Science of Food and Agriculture, 2022, 102, 3808-3816.	3.5	5
3	Synthesis of Î²^{2,2}-Amino Acids by Stereoselective Alkylation of Isoserine Derivatives Followed by Nucleophilic Ring Opening of Quaternary Sulfamidates. Journal of Organic Chemistry, 2022, 87, 8730-8743.	3.2	2
4	Toward Enantiomerically Pure Î²-Seleno-Î±-amino Acids via Stereoselective Se-Michael Additions to Chiral Dehydroalanines. Organic Letters, 2021, 23, 1955-1959.	4.6	13
5	Bioorthogonal Self-Immolative Linker Based on Grob Fragmentation. Organic Letters, 2021, 23, 8580-8584.	4.6	3
6	Solventâ€based strategy improves the direct determination of key parameters in edible fats and oils by 1 H NMR. Journal of the Science of Food and Agriculture, 2020, 100, 1726-1734.	3.5	5
7	Synthesis, conformational analysis and in vivo assays of an anti-cancer vaccine that features an unnatural antigen based on an sp²-iminosugar fragment. Chemical Science, 2020, 11, 3996-4006.	7.4	24
8	Synthesis of N_{Î²}-Substituted Î±,Î²-Diamino Acids via Stereoselective N-Michael Additions to a Chiral Bicyclic Dehydroalanine. Journal of Organic Chemistry, 2020, 85, 3134-3145.	3.2	13
9	Structure-Based Design of Potent Tumor-Associated Antigens: Modulation of Peptide Presentation by Single-Atom O/S or O/Se Substitutions at the Glycosidic Linkage. Journal of the American Chemical Society, 2019, 141, 4063-4072.	13.7	51
10	Cellâ€Penetrating Peptides Containing Fluorescent <scp>d</scp>â€Cysteines. Chemistry - A European Journal, 2018, 24, 7991-8000.	3.3	16
11	Tn Antigen Mimics by Ring-Opening of Chiral Cyclic Sulfamidates with Carbohydrate C1-S- and C1-O-Nucleophiles. Journal of Organic Chemistry, 2018, 83, 4973-4980.	3.2	12
12	Oxygen by Carbon Replacement at the Glycosidic Linkage Modulates the Sugar Conformation in Tn Antigen Mimics. ACS Omega, 2018, 3, 18142-18152.	3.5	5
13	Water Sculpts the Distinctive Shapes and Dynamics of the Tumor-Associated Carbohydrate Tn Antigens: Implications for Their Molecular Recognition. Journal of the American Chemical Society, 2018, 140, 9952-9960.	13.7	33
14	Substituent Effects on the Reactivity of Cyclic Tertiary Sulfamidates. Journal of Organic Chemistry, 2017, 82, 13250-13255.	3.2	10
15	The Use of Fluoroproline in MUC1 Antigen Enables Efficient Detection of Antibodies in Patients with Prostate Cancer. Journal of the American Chemical Society, 2017, 139, 18255-18261.	13.7	33
16	Applications of 1H Nuclear Magnetic Resonance Spectroscopy in Clinical Microbiology. , 2016, , .		3
17	Tn Antigen Mimics Based on sp²-Iminosugars with Affinity for an anti-MUC1 Antibody. Organic Letters, 2016, 18, 3890-3893.	4.6	32
18	Design of Î±-S-Neoglycopeptides Derived from MUC1 with a Flexible and Solvent-Exposed Sugar Moiety. Journal of Organic Chemistry, 2016, 81, 5929-5941.	3.2	20

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19	Bifunctional Chiral Dehydroalanines for Peptide Coupling and Stereoselective S-Michael Addition. Organic Letters, 2016, 18, 2796-2799.	4.6	29
20	Mucin architecture behind the immune response: design, evaluation and conformational analysis of an antitumor vaccine derived from an unnatural MUC1 fragment. Chemical Science, 2016, 7, 2294-2301.	7.4	35
21	Conformationally-locked C-glycosides: tuning aglycone interactions for optimal chaperone behaviour in Gaucher fibroblasts. Organic and Biomolecular Chemistry, 2016, 14, 1473-1484.	2.8	13
22	Deciphering the Nonâ€Equivalence of Serine and Threonine Oâ€Glycosylation Points: Implications for Molecular Recognition of the Tn Antigen by an antiâ€MUC1 Antibody. Angewandte Chemie - International Edition, 2015, 54, 9830-9834.	13.8	65
23	Synthesis of Mixed Î±/Î²^{2,2}-Peptides by Site-Selective Ring-Opening of Cyclic Quaternary Sulfamidates. Organic Letters, 2015, 17, 5804-5807.	4.6	18
24	Nuclear Magnetic Resonance (NMR) as a tool for the study of the metabolism of Rickettsia slovaca. Microbes and Infection, 2015, 17, 850-855.	1.9	2
25	Detection of Tumor-Associated Glycopeptides by Lectins: The Peptide Context Modulates Carbohydrate Recognition. ACS Chemical Biology, 2015, 10, 747-756.	3.4	39
26	Proton Nuclear Magnetic Resonance Spectroscopy as a Technique for Gentamicin Drug Susceptibility Studies with Escherichia coli ATCC 25922. Journal of Clinical Microbiology, 2015, 53, 2433-2438.	3.9	13
27	Synthesis and Conformational Analysis of Hybrid Î±/Î²â€Dipeptides Incorporating Sâ€Glycosylâ€Î²^{2,2}â€Amino Acids. Chemistry - A European Journal, 2015, 21, 1156-1168.	3.3	15
28	Conformational Analysis of Peptides and Glycopeptides Derived from the Consensus Sequence for β-O-Glucosylation. Current Topics in Medicinal Chemistry, 2015, 14, 2712-2721.	2.1	1
29	S-Michael Additions to Chiral Dehydroalanines as an Entry to Glycosylated Cysteines and a Sulfa-Tn Antigen Mimic. Journal of the American Chemical Society, 2014, 136, 789-800.	13.7	42
30	Serine versus Threonine Glycosylation with Î±â€Oâ€GalNAc: Unexpected Selectivity in Their Molecular Recognition with Lectins. Chemistry - A European Journal, 2014, 20, 12616-12627.	3.3	36
31	Influence of Amino Acid Stereocenters on the Formation of Bicyclic N,O-Acetals. Journal of Organic Chemistry, 2014, 79, 2556-2563.	3.2	5
32	Conformational Preferences of Chiral Acyclic Homooligomeric β^{2,2}-Peptides. Current Topics in Medicinal Chemistry, 2014, 14, 1225-1234.	2.1	11
33	Synthesis and conformational analysis of neoglycoconjugates derived from O- and S-glucose. Carbohydrate Research, 2013, 373, 1-8.	2.3	4
34	A Double Diastereoselective Michael-Type Addition as an Entry to Conformationally Restricted Tn Antigen Mimics. Journal of Organic Chemistry, 2013, 78, 10968-10977.	3.2	21
35	NMR Study of Histidine Metabolism during Alcoholic and Malolactic Fermentations of Wine and Their Influence on Histamine Production. Journal of Agricultural and Food Chemistry, 2013, 61, 9464-9469.	5.2	25
36	Chemoselectivity Control in the Reactions of 1,2â€Cyclic Sulfamidates with Amines. Chemistry - A European Journal, 2013, 19, 6831-6839.	3.3	20

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37	Nuclear magnetic resonance applied to antimicrobial drug susceptibility. Future Microbiology, 2013, 8, 537-547.	2.0	8
38	Ringâ€Rearrangement Metathesis of 7â€AzaÂnorbornenes as an Entry to 1â€Azabicyclo[n.3.0]alkenones. European Journal of Organic Chemistry, 2013, 2013, 3817-3824.	2.4	12
39	Quaternary Chiral Î²^{2,2}â€Amino Acids with Pyridinium and Imidazolium Substituents. Chemistry - A European Journal, 2012, 18, 15822-15830.	3.3	14
40	A Biomimetic Approach to Lanthionines. Organic Letters, 2012, 14, 334-337.	4.6	21
41	Investigations of La Rioja Terroir for Wine Production Using ¹H NMR Metabolomics. Journal of Agricultural and Food Chemistry, 2012, 60, 3452-3461.	5.2	121
42	Cyclohexane Ring as a Tool to Select the Presentation of the Carbohydrate Moiety in Glycosyl Amino Acids. Chemistry - A European Journal, 2012, 18, 5096-5104.	3.3	1
43	Rational design of a Tn antigen mimic. Chemical Communications, 2011, 47, 5319.	4.1	24
44	A Domino Michael/Dieckmann Process as an Entry to Î±-(Hydroxymethyl)glutamic Acid. Journal of Organic Chemistry, 2011, 76, 6990-6996.	3.2	10
45	Ring-Rearrangement Metathesis of 1-Substituted 7-Azanorbornenes as an Entry to 1-Azaspiro[4.5]decane systems. Journal of Organic Chemistry, 2011, 76, 3381-3391.	3.2	19
46	Stereocontrolled Ring-Opening of a Hindered Sulfamidate with Nitrogen-Containing Aromatic Heterocycles: Synthesis of Chiral Quaternary Imidazole Derivatives. Journal of Organic Chemistry, 2011, 76, 4034-4042.	3.2	25
47	Engineering Oâ€Glycosylation Points in Nonâ€extended Peptides: Implications for the Molecular Recognition of Short Tumorâ€Associated Glycopeptides. Chemistry - A European Journal, 2011, 17, 3105-3110.	3.3	19
48	Molecular Recognition of Î²â€Oâ€GlcNAc Glycopeptides by a Lectinâ€Like Receptor: Binding Modulation by the Underlying Ser or Thr Amino Acids. ChemBioChem, 2011, 12, 110-117.	2.6	15
49	Cyclobutane Amino Acid Analogues of Furanomycin Obtained by a Formal [2 + 2] Cycloaddition Strategy Promoted by Methylaluminoxane. Journal of Organic Chemistry, 2010, 75, 545-552.	3.2	27
50	Dynamics and Hydration Properties of Small Antifreezeâ€Like Glycopeptides Containing Nonâ€Natural Amino Acids. European Journal of Organic Chemistry, 2010, 2010, 3525-3532.	2.4	13
51	Synthesis of Enantiopure Quaternary Prolines by a Metathesis Process of 2,5-Ethenoproline Derivatives. Synthesis, 2010, 2010, 3353-3357.	2.3	1
52	Evidence of Metabolic Transformations of Amino Acids into Higher Alcohols through ¹³C NMR Studies of Wine Alcoholic Fermentation. Journal of Agricultural and Food Chemistry, 2010, 58, 4923-4927.	5.2	25
53	The Nature and Sequence of the Amino Acid Aglycone Strongly Modulates the Conformation and Dynamics Effects of Tn Antigen's Clusters. Chemistry - A European Journal, 2009, 15, 3863-3874.	3.3	22
54	A Novel Multistep Mechanism for the Stereocontrolled Ring Opening of Hindered Sulfamidates: Mild, Green, and Efficient Reactivity with Alcohols. Chemistry - A European Journal, 2009, 15, 9810-9823.	3.3	23

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55	Insights into the Geometrical Features Underlying Î²â€‹Oâ€GlcNAc Glycosylation: Water Pockets Drastically Modulate the Interactions between the Carbohydrate and the Peptide Backbone. Chemistry - A European Journal, 2009, 15, 7297-7301.	3.3	29
56	A Highly Regioselective Ring-Opening Metathesisâ^'Cross Metathesis Process Modulated by the Electronic Effects of the Cross Metathesis Partner: An Entry to Quaternary Prolines. Journal of Organic Chemistry, 2009, 74, 1736-1739.	3.2	12
57	Conformational Effects of the Non-natural Î±-Methylserine on Small Peptides and Glycopeptides. Journal of Organic Chemistry, 2009, 74, 9305-9313.	3.2	13
58	A Thorough Study on the Use of Quantitative ¹H NMR in Rioja Red Wine Fermentation Processes. Journal of Agricultural and Food Chemistry, 2009, 57, 2112-2118.	5.2	73
59	Stabilizing unusual conformations in small peptides and glucopeptides using a hydroxylated cyclobutane amino acid. Organic and Biomolecular Chemistry, 2009, 7, 2885.	2.8	14
60	Cyclobutane serine amino acid derivatives as 5-hydroxyproline precursors. Arkivoc, 2009, 2010, 191-202.	0.5	2
61	Highly chemoselective reactions on hindered sulfamidates with oxygenated nucleophiles. Tetrahedron: Asymmetry, 2008, 19, 443-449.	1.8	22
62	Nonâ€natural Amino Acids as Modulating Agents of the Conformational Space of Model Glycopeptides. Chemistry - A European Journal, 2008, 14, 7042-7058.	3.3	24
63	Synthesis of 2-amino-1,3-diols incorporating the cyclobutane ring. Tetrahedron, 2008, 64, 9088-9092.	1.9	2
64	Î±-Alkylation versus retro-O-Michael/Î³-alkylation of bicyclic N,O-acetals: an entry to Î±-methylthreonine. Tetrahedron: Asymmetry, 2008, 19, 2829-2834.	1.8	10
65	Formal [2+2] Cycloaddition of 2-(Acylamino)acrylates with Vinyl Sulfides: An Approach to Cyclobutane Î±-Amino Acids as S-Phenylcysteine Analogues. Synthesis, 2008, 2008, 743-746.	2.3	1
66	Role of the Countercation in Diastereoselective Alkylations of Pyramidalized Bicyclic Serine Enolates. An Easy Approach to Î±-Benzylserine. Journal of Organic Chemistry, 2007, 72, 5399-5402.	3.2	28
67	Regioselective Ring-Opening Metathesisâ^'Cross Metathesis of Bridgehead-Substituted 7-Azanorborneneâ€. Organic Letters, 2007, 9, 1235-1238.	4.6	30
68	Serine versus Threonine Glycosylation:â€‰ The Methyl Group Causes a Drastic Alteration on the Carbohydrate Orientation and on the Surrounding Water Shell. Journal of the American Chemical Society, 2007, 129, 9458-9467.	13.7	127
69	Synthesis of Azabicyclo[2.2.n]alkane Systems as Analogues of 3-[1-Methyl-2-(S)-pyrrolidinyl-methoxy]pyridine (A-84543). Journal of Organic Chemistry, 2007, 72, 3112-3115.	3.2	13
70	Theoretical Evidence for Pyramidalized Bicyclic Serine Enolates in Highly Diastereoselective Alkylations. Chemistry - A European Journal, 2007, 13, 4840-4848.	3.3	36
71	Mechanistic study of the ring-size modulation in Michaelâ€“Dieckmann type reactions of 2-acylaminoacrylates with ketene diethyl acetal. New Journal of Chemistry, 2007, 31, 224-229.	2.8	9
72	Time Course of the Evolution of Malic and Lactic Acids in the Alcoholic and Malolactic Fermentation of Grape Must by Quantitative1H NMR (qHNMR) Spectroscopy. Journal of Agricultural and Food Chemistry, 2006, 54, 4715-4720.	5.2	47

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73	Conformational Analysis of 2-Substituted Cyclobutane-Î±-amino Acid Derivatives. A Synergistic Experimental and Computational Study. Journal of Organic Chemistry, 2006, 71, 1869-1878.	3.2	19
74	New Insights into Î±-GalNAcâ€™Ser Motif:â€‰ Influence of Hydrogen Bonding versus Solvent Interactions on the Preferred Conformation. Journal of the American Chemical Society, 2006, 128, 14640-14648.	13.7	78
75	SN2 Reaction of Sulfur Nucleophiles with Hindered Sulfamidates:Â Enantioselective Synthesis of Î±-Methylisocysteine. Journal of Organic Chemistry, 2006, 71, 1692-1695.	3.2	32
76	Stereoselective Synthesis of Orthogonally Protected Î±-Methylnorlanthionine. Organic Letters, 2006, 8, 2855-2858.	4.6	38
77	Effect of Î²-O-Glucosylation onL-Ser andL-Thr Diamides: A Bias toward Î±-Helical Conformations. Chemistry - A European Journal, 2006, 12, 7864-7871.	3.3	36
78	Synthesis of 2-methyl- and 2-methylenecyclobutane amino acids. Tetrahedron, 2005, 61, 4165-4172.	1.9	13
79	Synthesis of Cyclobutane Serine Analogues. Journal of Organic Chemistry, 2005, 70, 330-333.	3.2	29
80	Selective Michaelâ€”Aldol Reaction by Use of Sterically Hindered Aluminum Aryloxides as Lewis Acids: An Easy Approach to Cyclobutane Amino Acids.. ChemInform, 2005, 36, no.	0.0	0
81	Diastereoselective Synthesis of (S)- and (R)-Î±-Phenylserine by a Sulfinimine-Mediated Strecker Reaction. Synthesis, 2005, 2005, 575-578.	2.3	18
82	SN2 vs E2 on Quaternary Centers: An Easy Approach to Chiral Î²2,2-Amino Acids from Cyclic Sulfamidates. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1459-1460.	1.6	5
83	A Convenient Enantioselective Synthesis of (S)-Î±-Trifluoromethylisoserine. Journal of Organic Chemistry, 2005, 70, 5721-5724.	3.2	28
84	Selective Michaelâ€™Aldol Reaction by Use of Sterically Hindered Aluminum Aryloxides as Lewis Acids:â€‰ An Easy Approach to Cyclobutane Amino Acids. Organic Letters, 2005, 7, 3597-3600.	4.6	51
85	Î±-Methylserinals as an access to Î±-methyl-Î²-hydroxyamino acids: application in the synthesis of all stereoisomers of Î±-methylthreonine. Tetrahedron: Asymmetry, 2004, 15, 719-724.	1.8	17
86	New syntheses of enantiopure 2-methyl isoserines. Tetrahedron: Asymmetry, 2004, 15, 131-137.	1.8	12
87	SN2 vs. E2 on quaternary centres: an application to the synthesis of enantiopure Î²2,2-amino acids. Chemical Communications, 2004, , 980-981.	4.1	47
88	Addition of Organolithium Reagents to Ahc Methyl Ester. An Approach to New Î±-Amino Ketones.. ChemInform, 2003, 34, no.	0.0	0
89	Reactivity of 2-Acylaminoacrylates with Ketene Diethyl Acetal; [2 + 2] Cycloadditions vs. Tandem Condensations.. ChemInform, 2003, 34, no.	0.0	0
90	Synthesis of a new conformationally constrained glycoamino acid building block. Tetrahedron Letters, 2003, 44, 6413-6416.	1.4	10

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91	Conformational analysis of N-Boc-N,O-isopropylidene-Î±-serinals. A combined DFT and NMR study. Tetrahedron, 2003, 59, 5713-5718.	1.9	10
92	Synthesis of enantiopure (Î±Me)Dip and other Î±-methylated Î²-branched amino acid derivatives. Tetrahedron: Asymmetry, 2003, 14, 399-405.	1.8	18
93	Diastereoselective synthesis of protected 4-epi-vancosamine from (S)-N-Boc-N,O-isopropylidene-Î±-methylserinal. Tetrahedron: Asymmetry, 2003, 14, 1037-1043.	1.8	8
94	Enantiopure Synthesis of All Four Stereoisomers of Carbapenam-3-carboxylic Acid Methyl Ester. Journal of Organic Chemistry, 2003, 68, 2889-2894.	3.2	13
95	Understanding the Unusual Regioselectivity in the Nucleophilic Ring-Opening Reactions of gem-Disubstituted Cyclic Sulfates. Experimental and Theoretical Studies. Journal of Organic Chemistry, 2003, 68, 4506-4513.	3.2	18
96	Reactivity of 2-acylaminoacrylates with ketene diethyl acetal; [2 + 2] cycloadditions vs. tandem condensationsElectronic supplementary information (ESI) available: general procedures. See http://www.rsc.org/suppdata/cc/b3/b302000b/. Chemical Communications, 2003, , 1376.	4.1	18
97	Incorporation of Ahc into Model Dipeptides as an Inducer of a Î²-Turn with a Distorted Amide Bond. Conformational Analysis. Journal of Organic Chemistry, 2002, 67, 4241-4249.	3.2	17
98	Asymmetric Hetero Dielsâ^'Alder as an Access to Carbacephams. Journal of Organic Chemistry, 2002, 67, 598-601.	3.2	28
99	Synthesis of enantiopure analogues of 3-hydroxyproline and derivatives. Tetrahedron: Asymmetry, 2002, 13, 625-632.	1.8	22
100	Synthesis, activity and theoretical study of ABT-418 analogues. Tetrahedron, 2002, 58, 4505-4511.	1.9	8
101	Aspartame analogues containing 1-amino-2-phenylcyclohexanecarboxylic acids (c6Phe). Tetrahedron, 2002, 58, 4899-4905.	1.9	3
102	Addition of organolithium reagents to Ahc methyl ester. An approach to new Î±-amino ketones. Tetrahedron, 2002, 58, 10167-10171.	1.9	13
103	Î²-Turn modulation by the incorporation of c6Ser into Xaa-Pro dipeptide. Tetrahedron Letters, 2002, 43, 1429-1432.	1.4	9
104	Reactivity of (Z)-4-arylidene-5(4H)-oxazolones: [4+2] cycloaddition versus [4+3] cycloaddition/nucleophilic trapping. Tetrahedron Letters, 2002, 43, 4167-4170.	1.4	28
105	Synthesis of 7-azabicyclo[2.2.1]heptane derivatives via bridgehead radicals. Tetrahedron, 2002, 58, 1193-1197.	1.9	8
106	New synthesis of 7-azabicyclo[2.2.1]heptane-1-carboxylic acid. Tetrahedron, 2001, 57, 545-548.	1.9	38
107	New synthesis of all four 1-amino-2-hydroxycyclohexanecarboxylic acids. Tetrahedron, 2001, 57, 2745-2755.	1.9	24
108	Enantioselective synthesis of (S)- and (R)-Î±-methylserines: application to the synthesis of (S)- and (R)-N-Boc-N,O-isopropylidene-Î±-methylserinals. Tetrahedron: Asymmetry, 2001, 12, 949-957.	1.8	47

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109	An alternative approach to (S)- and (R)-2-methylglycidol O-benzyl ether derivatives. Tetrahedron: Asymmetry, 2001, 12, 1383-1388.	1.8	19
110	Asymmetric synthesis of all isomers of Î±-methyl-Î²-phenylserine. Tetrahedron: Asymmetry, 2000, 11, 2195-2204.	1.8	33
111	Synthesis of conformationally constrained hydroxy-Î±-amino acids by intramolecular conjugate addition. Amino Acids, 2000, 18, 117-127.	2.7	9
112	Ab initio calculations for N-methyl-1-(Nâ€²-acetylamino)-t-2-phenylcyclohexane-r-1-carboxamide: a Î³-turn mimetic. Tetrahedron, 1999, 55, 1399-1406.	1.9	6
113	Asymmetric synthesis of conformationally constrained 4-hydroxyprolines and their applications to the formal synthesis of (+)-epibatidine. Tetrahedron: Asymmetry, 1999, 10, 3999-4007.	1.8	23
114	A straightforward synthesis of both enantiomers of Î±-vinylalanine and Î±-ethynylalanine. Tetrahedron: Asymmetry, 1999, 10, 4653-4661.	1.8	30
115	Synthesis of 1-amino-4-hydroxycyclohexane-1-carboxylic acids. Journal of the Chemical Society Perkin Transactions 1, 1999, , 3375-3379.	0.9	17
116	Preparation and Synthetic Applications of (S)- and (R)-N-Boc-N,O-isopropylidene-Î±-methylserinals:Â Asymmetric Synthesis of (S)- and (R)-2-Amino-2-methylbutanoic Acids (Iva)â€. Journal of Organic Chemistry, 1999, 64, 8220-8225.	3.2	38
117	Resolution of (1R,2R)- and (1S,2S)-cyclic constrained phenylalanine analogues (c6Phe). Conformations of (1R,2R)- and (1S,2S)-c6Phe containing peptides. Tetrahedron, 1998, 54, 11659-11674.	1.9	17
118	Î²-Turn modulation by the cyclohexane analogues of phenylalanine. Tetrahedron Letters, 1998, 39, 7841-7844.	1.4	25
119	Convenient Procedures for the Synthesis of N-BOC-D-Serinal Acetonide from L-Serine. Synthesis, 1997, 1997, 1146-1150.	2.3	19
120	Asymmetric synthesis of meso- and (2R,4R)-2,4-diaminoglutaric acids. Tetrahedron: Asymmetry, 1997, 8, 863-871.	1.8	20
121	Synthesis of enantiomerically pure constrained Î³-hydroxy-Î±-amino acids by directed hydroxylation. Tetrahedron: Asymmetry, 1997, 8, 1123-1129.	1.8	14
122	The use of 4â€hetarylidenâ€•and 4â€•arylidenâ€5(4H)â€•oxazolones as dienophiles. Appropriate reagents for the synthesis of cyclic analogues of natural amino acids. Journal of Heterocyclic Chemistry, 1997, 34, 1099-1110.	2.6	22
123	Synthesis of a new enantiomerically pure constrained homoserine. Tetrahedron: Asymmetry, 1996, 7, 721-728.	1.8	35
124	The use of 1-amino-2-phenyl-1-cyclohexanecarboxylic acids as chiral auxiliaries in asymmetric Diels-Alder reactions. Tetrahedron, 1996, 52, 4839-4848.	1.9	8
125	Synthesis of meso-2,4-diaminoglutaric acid.. Tetrahedron: Asymmetry, 1996, 7, 1555-1558.	1.8	16
126	Synthesis of a new type of conformationally constrained Î±,Î±-disubstituted-Î²-amino acids and Î²-lactams in enantiomerically pure form. Tetrahedron: Asymmetry, 1995, 6, 1409-1418.	1.8	13

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127	exo-2-Phenyl-7-azabicyclo[2.2.1]heptane-1-carboxylic acid: A new constrained proline analogue. Tetrahedron Letters, 1995, 36, 7123-7126.	1.4	31
128	New Efficient Synthesis of 4-Amino-3-arylphenols. Synthesis, 1995, 1995, 671-674.	2.3	17
129	Synthesis of a New Constrained Homoserine. Synlett, 1995, 1995, 891-892.	1.8	18
130	Synthesis of Î³-hydroxy-Î±-amino acids by directed hydroxylation via a dihydro-1,3-oxazine intermediate.. Tetrahedron, 1994, 50, 10021-10028.	1.9	24
131	A new efficient synthesis of 2-phenyl-4-oxo-1-amino-cyclohexanecarboxylic acids. Tetrahedron, 1994, 50, 12989-12998.	1.9	24
132	Asymmetric Diels-Alder Reactions of Chiral (E)-2-Cyanocinnamates. 2. Synthesis of the Four 1-Amino-2-phenyl-1-cyclohexanecarboxylic Acids in Enantiomerically Pure Form. Journal of Organic Chemistry, 1994, 59, 7774-7778.	3.2	31
133	Synthesis of the four d,l-pairs of 2-amino-3-phenylnorbornane-2-carboxylic acids II. The use of 5(4H)-oxazolones as dienophiles.. Tetrahedron, 1993, 49, 677-684.	1.9	37
134	Synthesis of methyl 2-exo-cyano-3-exo-phenyl-5,6-endo (or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (exo)-epoxybicyclo[2.2.1]hepta Asymmetry, 1993, 4, 1677-1682.	1.8	1
135	Synthesis of new conformationally rigid phenylalanine analogues.. Tetrahedron, 1993, 49, 10987-10996.	1.9	37
136	Asymmetric Diels-Alder reactions of chiral (E)-2-cyanocinnamates with cyclopentadiene. Journal of Organic Chemistry, 1992, 57, 4664-4669.	3.2	25
137	Asymmetric synthesis of exo-norbornane-2-carboxylic acids. Tetrahedron: Asymmetry, 1992, 3, 343-346.	1.8	7
138	Reaction of 2,3-dimethyl-1,3-butadiene with chiral (E)-2-cyanocinnamates.. Tetrahedron: Asymmetry, 1992, 3, 913-919.	1.8	13
139	Models for the use of .alpha.-amino acids as chiral auxiliaries in asymmetric Diels-Alder reactions. Journal of Organic Chemistry, 1991, 56, 6551-6555.	3.2	43
140	Development of a model to explain the influence of the solvent on the rate and selectivity of diels-alder reactions. Journal of Physical Organic Chemistry, 1991, 4, 48-52.	1.9	55
141	Correlations of rate and selectivity of a Diels-Alder reaction withSp parameters. Journal of Physical Organic Chemistry, 1990, 3, 414-418.	1.9	28
142	Reaction of cyclopentadiene with (E)-2-cyanocinnamate of (S)-ethyl lactate.. Tetrahedron: Asymmetry, 1990, 1, 765-768.	1.8	12
143	5(4H)-Oxazolones as Dienophiles in the Synthesis of 2-Amino-2-bicycloalkanecarboxylic Acids. Synthesis, 1990, 1990, 1114-1116.	2.3	19
144	Synthesis of the four dl-pairs of 2-amino-3-phenylnorbornane-2-carboxylic acids. Tetrahedron, 1989, 45, 3923-3934.	1.9	17

#	Article	IF	Citations
145	Unequivocal Synthesis of the Fourd,l-Pairs of 3-Substituted 2-Aminonorbornane-2-carboxylic Acids. Bulletin of the Chemical Society of Japan, 1989, 62, 3766-3767.	3.2	6
146	On the synthesis of 3(5)-carbomethoxy-4-hetarylpyrazoles. Journal of Heterocyclic Chemistry, 1988, 25, 851-855.	2.6	18
147	Natural amino acids as chiral auxiliaries in asymmetric Dielsâ€“Alder reactions. Canadian Journal of Chemistry, 1988, 66, 2826-2829.	1.1	15
148	Strategies for the Synthesis of Selenocysteine Derivatives. Synthesis, 0, , .	2.3	0