

MarÃ-a D DÃ-az-De-Villegas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Alchemical Design of Pharmacological Chaperones with Higher Affinity for Phenylalanine Hydroxylase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4502.	4.1	1
2	Asymmetric synthesis of (1 <i>R</i> ,5 <i>S</i>)-2-methyl-6,7-benzomorphan via Aza-Prins reaction. <i>Chirality</i> , 2021, 33, 543-548.	2.6	0
3	Selective Targeting of Human and Animal Pathogens of the <i>Helicobacter</i> Genus by Flavodoxin Inhibitors: Efficacy, Synergy, Resistance and Mechanistic Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10137.	4.1	4
4	Debenzylative Cycloetherification as a Synthetic Tool in the Diastereoselective Synthesis of 3,6-Disubstituted Hexahydro-2 <i>H</i> -furo[3,2- <i>b</i>]pyrroles, PDE1 Enzyme Inhibitors with an Antiproliferative Effect on Melanoma Cells. <i>Journal of Organic Chemistry</i> , 2020, 85, 5941-5951.	3.2	6
5	Design, Synthesis, and Efficacy Testing of Nitroethylene- and 7-Nitrobenzoxadiazol-Based Flavodoxin Inhibitors against <i>Helicobacter pylori</i> Drug-Resistant Clinical Strains and in <i>Helicobacter pylori</i> -Infected Mice. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6102-6115.	6.4	23
6	Stereoselective synthesis and biological evaluation as inhibitors of hepatitis C virus RNA polymerase of GSK3082 analogues with structural diversity at the 5-position. <i>European Journal of Medicinal Chemistry</i> , 2019, 171, 401-419.	5.5	10
7	A pyrene-inhibitor fluorescent probe with large Stokes shift for the staining of A β 1-42, τ -synuclein, and amylin amyloid fibrils as well as amyloid-containing <i>Staphylococcus aureus</i> biofilms. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 251-265.	3.7	2
8	Michael addition of carbonyl compounds to nitroolefins under the catalysis of new pyrrolidine-based bifunctional organocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 924-935.	2.8	19
9	Diastereoselective Construction of the 6-Oxa-2-azabicyclo[3.2.1]octane Scaffold from Chiral β -Hydroxyaldehyde Derivatives by the Aza-Prins Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 8048-8057.	3.2	12
10	Synthesis of new pyrrolidine-based organocatalysts and study of their use in the asymmetric Michael addition of aldehydes to nitroolefins. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 612-619.	2.2	3
11	Vascular Reactivity Profile of Novel $K_{Ca}3.1$ -Selective Positive-Gating Modulators in the Coronary Vascular Bed. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 184-192.	2.5	6
12	High-performance liquid chromatographic enantioseparation of unusual amino acid derivatives with axial chirality on polysaccharide-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2015, 1390, 78-85.	3.7	16
13	A Novel Pan-Negative-Gating Modulator of $K_{Ca}2/3$ Channels, Fluoro-Di-Benzoate, RA-2, Inhibits Endothelium-Derived Hyperpolarization-Type Relaxation in Coronary Artery and Produces Bradycardia In Vivo. <i>Molecular Pharmacology</i> , 2015, 87, 338-348.	2.3	19
14	Organocatalysis in Enantioselective α -Functionalization of α -Cyanoacetates. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3261-3288.	4.3	25
15	Chiral Iminoesters Derived from d-Glyceraldehyde in [3 + 2] Cycloaddition Reactions. Asymmetric Synthesis of a Key Intermediate in the Synthesis of Neuraminidase Inhibitors. <i>Journal of Organic Chemistry</i> , 2013, 78, 11404-11413.	3.2	10
16	Stereoselective synthesis and biological evaluation of d-fagomine, d-3-epi-fagomine and d-3,4-epi-fagomine analogs from d-glyceraldehyde acetonide as a common building block. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9278.	2.8	11
17	Organocatalyzed Enantioselective Desymmetrization of Diols in the Preparation of Chiral Building Blocks. <i>Chemistry - A European Journal</i> , 2012, 18, 13920-13935.	3.3	85
18	Recent advances in enantioselective organocatalyzed anhydride desymmetrization and its application to the synthesis of valuable enantiopure compounds. <i>Chemical Society Reviews</i> , 2011, 40, 5564.	38.1	112

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19	Switch in regioselectivity of epoxide ring-opening by changing the organometallic reagent. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8155.	2.8	23
20	Chiral Amino Diol Derivatives as New Modular Organocatalysts for the Enantioselective Chlorination of Cyclic Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3329-3338.	4.3	33
21	Diastereoselective reduction of ketimines derived from (R)-3,4-dihydroxybutan-2-one: an alternative route to key intermediates for the synthesis of anticancer agent ES-285. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 503-506.	1.8	11
22	An Expedient Method for the First Asymmetric Synthesis of Dexoxadrol from the Chiral Pool. <i>Synlett</i> , 2010, 2010, 1775-1778.	1.8	1
23	First Stereoselective Synthesis of (1 <i>R</i> ,2 <i>R</i> ,4 <i>R</i>)- and (1 <i>S</i> ,2 <i>R</i> ,4 <i>S</i>)-substituted azabicyclo[2.2.1]heptanes. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1372-1376.	2.4	2
24	Asymmetric Synthesis of ES-285, an Anticancer Agent Isolated from Marine Sources. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 6172-6178.	2.4	23
25	Expedient asymmetric synthesis of (2 <i>S</i> ,3 <i>S</i>)-Boc-phenylalanine epoxide, a key intermediate for the synthesis of biologically active compounds. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2226-2229.	1.8	2
26	Stereocontrolled synthesis of orthogonally protected 2-substituted 4-aminopiperidines. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2912.	2.8	8
27	Asymmetric Synthesis of a Novel Conformationally Constrained D-Lysine Analogue with a Piperidine Skeleton. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3474-3478.	2.4	9
28	Stereoselective Synthesis of Chiral 2,3-disubstituted 2,3-dihydro-4 <i>H</i> -pyridones. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 6008-6014.	2.4	6
29	Synthesis of (R)-quinuclidine-2-carboxylic acid in enantiomerically pure form. <i>Tetrahedron Letters</i> , 2008, 49, 2251-2253.	1.4	4
30	Asymmetric Homologation of Ketones. A New Entry to Orthogonally Protected (2 <i>R</i> ,4 <i>R</i>)-Piperidine-2,4-dicarboxylic Acid. <i>Journal of Organic Chemistry</i> , 2008, 73, 8594-8597.	3.2	12
31	Base-Controlled Diastereodivergent Synthesis of (R)- and (S)-2-Substituted-4-alkylidenepiperidines by the Wadsworth-Emmons Reaction. <i>Journal of Organic Chemistry</i> , 2007, 72, 1005-1008.	3.2	15
32	Highly Stereoselective Synthesis of Stereochemically Defined Polyhydroxylated Propargylamines by Alkynylation of N-Benzylimines Derived from (R)-Glyceraldehyde. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2114-2120.	2.4	15
33	Recent progress on the stereoselective synthesis of acyclic quaternary α -amino acids. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 569-623.	1.8	300
34	Efficient stereoselective synthesis of enantiopure cis- and trans-1,2,4-trisubstituted piperidines. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2812-2819.	1.8	8
35	Unexpected epimerization at C2 in the Horner-Wadsworth-Emmons reaction of chiral 2-substituted-4-oxopiperidines. <i>Chemical Communications</i> , 2006, , 3420-3422.	4.1	11
36	First asymmetric synthesis of an acyclic β,β -dialkylated- β -aminobutyric acid. <i>Tetrahedron</i> , 2006, 62, 8142-8146.	1.9	12

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37	Efficient Stereodivergent Synthesis of cis-(2R,4S)- and trans-(2R,4R)-4-Phosphonomethyl-2-piperidinecarboxylic Acids from the Same Chiral Imine Derived from (R)-Glyceraldehyde. <i>Synlett</i> , 2006, 2006, 2799-2803.	1.8	0
38	The First Asymmetric Synthesis of 1,4-Dideoxy-1,4-imino-d-talitol. <i>Synlett</i> , 2005, 2005, 1734-1736.	1.8	1
39	Highly Diastereoselective Cyanation of Methyl Ketimines Obtained from (R)-Glyceraldehyde. <i>Journal of Organic Chemistry</i> , 2005, 70, 10102-10105.	3.2	12
40	Allylation and propargylation of chiral cyanopropanoates: An efficient route to long chain β -substituted β -methyl β -amino acids. <i>Chirality</i> , 2004, 16, 106-111.	2.6	4
41	Efficient stereodivergent synthesis of 1,4-dideoxy-1,4-iminohexitols from an (S)-glyceraldimine. <i>Tetrahedron Letters</i> , 2004, 45, 719-722.	1.4	24
42	Synthesis and conformational properties of model dipeptides containing novel axially chiral β , β' -dideoxyamino acids at the (β) position of a β' -turn conformation. <i>Tetrahedron</i> , 2004, 60, 11923-11932.	1.9	11
43	5(2H)-Oxazolones and 5(4H)-Oxazolones. <i>Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs</i> , 2004, , 129-330.	0.0	6
44	Horner-Wadsworth-Emmons reaction for the synthesis of unusual α , β -dideoxyamino acids with a chiral axis. <i>Arkivoc</i> , 2004, 2004, 59-66.	0.5	2
45	Study of the Lewis acid-promoted addition of silylenol ethers to imines derived from glyceraldehyde. <i>Tetrahedron Letters</i> , 2003, 44, 9189-9192.	1.4	20
46	Study of the Reactions between Vinylmagnesium Bromide and Imines Derived from (R)-Glyceraldehyde - The Key Step in the Stereodivergent Synthesis of Conveniently Protected, Enantiopure syn- and anti-2-Amino-1,3,4-butanetriol Derivatives. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2268-2275.	2.4	24
47	Lipopeptidol Metabolites of <i>Tolypocladium geodes</i> : Total Synthesis, Preferred Conformation, and Membrane Activity. <i>Chemistry - A European Journal</i> , 2003, 9, 3567-3576.	3.3	20
48	Olefination of methyl (1S,2R,4R)-N-benzoyl-2-formyl-7-azabicyclo[2.2.1]heptane-1-carboxylate, a synthetic approach to new conformationally constrained prolines. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1479-1488.	1.8	13
49	Efficient enantioconvergent synthesis of (S)- β -benzyl- β -methyl- β -alanine from (R)- and (S)-2-cyano-2-methyl-3-phenylpropanoic acid. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2209-2214.	1.8	7
50	Efficient resolution of rac-2-cyano-2-methyl-3-phenylpropanoic acid. An appropriate starting material for the enantioconvergent synthesis of (S)- β -methylphenylalanine on a large laboratory scale. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2201-2207.	1.8	6
51	tert-Butyl (7R)-7-[(4S)-2,2-dimethyl-[1,3]-dioxolan-4-yl]-1,4-dioxo-8-azaspiro[4.5]decane-8-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o750-o752.	0.2	0
52	Highly convergent stereoselective synthesis of chiral key intermediates in the synthesis of Palinavir from imines derived from l-glyceraldehyde. <i>Tetrahedron</i> , 2002, 58, 341-354.	1.9	45
53	Synthesis of constrained prolines by Diels-Alder reaction using a chiral unsaturated oxazolone derived from (R)-glyceraldehyde as starting material. <i>Tetrahedron</i> , 2001, 57, 6417-6427.	1.9	26
54	Two new conformationally restricted 4,5-dihydroxynorvaline analogues with a norbornane skeleton. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 587-591.	0.4	1

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55	Asymmetric synthesis of (2R,3S)-4-halo-3-benzyloxy-2-(N-methoxycarbonyl-N-benzylamino)butyronitriles as precursors for the synthesis of $\hat{1}^2$ -hydroxy- $\hat{1}^{\pm}$ -amino acids. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1015-1025.	1.8	18
56	($\hat{1}^{\pm}$ Me)Nva: stereoselective syntheses and preferred conformations of selected model peptides. <i>Chemical Biology and Drug Design</i> , 2000, 56, 283-297.	1.1	17
57	Stereoselective synthesis of quaternary $\hat{1}^{\pm}$ -amino acids. Part 2: Cyclic compounds. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 645-732.	1.8	473
58	Synthesis and chemical resolution of unique $\hat{1}^{\pm}, \hat{1}^2$ -didehydroamino acids with a chiral axis. <i>Tetrahedron Letters</i> , 1999, 40, 1027-1030.	1.4	15
59	Study of the reaction of imines derived from (R)-glyceraldehyde with Danishefsky's diene. <i>Tetrahedron</i> , 1999, 55, 7601-7612.	1.9	54
60	Stereocontrolled synthesis of all four stereoisomers of fully protected 2-amino-3-hydroxypentanoic acid from imines derived from d-glyceraldehyde. <i>Tetrahedron</i> , 1999, 55, 14145-14160.	1.9	9
61	2-tert-Butoxycarbonylamino-2-isopropyl-4-pentenamide, a new conformationally restricted $\hat{1}^{\pm}, \hat{1}^{\pm}$ -dialkylglycine derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 241-243.	0.4	1
62	(1R,2R,3S,4S,5S,6S)-exo-2-Cyano-exo-3-[(S)-1,2-dibenzyloxyethyl]-exo-5-iodobicyclo[2.2.1]heptane-endo-2,6-carbolactone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1009-1012.	0.4	1
63	Efficient access to all four stereoisomers of phenylalanine cyclopropane analogues by chiral HPLC. , 1999, 11, 583-590.		27
64	A Simple Method for Determining the Absolute Configuration of alpha-Amino Acids. <i>Journal of Chemical Education</i> , 1999, 76, 77.	2.3	10
65	Synthesis of (S)-N-tert-butoxycarbonyl-N,O-isopropylidene- $\hat{1}^{\pm}$ -methylserinal: A potential building block for the asymmetric synthesis of non-natural amino acids. <i>Tetrahedron</i> , 1998, 54, 14963-14974.	1.9	12
66	Stereoselective synthesis of quaternary $\hat{1}^{\pm}$ -amino acids. Part 1: Acyclic compounds. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3517-3599.	1.8	501
67	A Convenient Synthesis of L- $\hat{1}^{\pm}$ -Vinylglycine from D-Mannitol. <i>Synthesis</i> , 1997, 1997, 747-749.	2.3	28
68	On the synthesis of (S)- $\hat{1}^{\pm}$ -methylaspartic acid by diastereoselective alkylation of a chiral 2-cyanopropanoate. <i>Tetrahedron</i> , 1997, 53, 5891-5898.	1.9	18
69	A new approach to the stereoselective synthesis of conveniently protected $\hat{1}^{\pm}$ -allyl substituted amino acids; chiral key compounds in the synthesis of constrained peptide isostere constituents. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 311-317.	1.8	35
70	A chiral hydrazone derived from d-glyceraldehyde: a convenient starting material for the stereoselective synthesis of $\hat{1}^{\pm}$ -hydrazino acids. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1605-1610.	1.8	12
71	A Conformationally Restricted Aspartic Acid Analogue with a Norbornane Skeleton. II. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 626-628.	0.4	1
72	Reversal of the stereochemical course of the addition of phenylmagnesium bromide to N-benzylimines derived from R-glyceraldehyde depending on the O-protecting group and its application to the synthesis of both enantiomers of phenylglycine. <i>Tetrahedron</i> , 1997, 53, 1411-1416.	1.9	38

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73	1,3-Dipolar cycloaddition of diazomethane to chiral azlactones. Experimental and theoretical studies. <i>Tetrahedron</i> , 1997, 53, 4479-4486.	1.9	24
74	Asymmetric Hetero Diels-Alder Reaction of N-Benzylimines Derived from R-Glyceraldehyde: A New Approach to Homochiral Piperidine Building Blocks and its Application to the Synthesis of (2R,4S)-Oxopipicolinic Acid. <i>Tetrahedron Letters</i> , 1997, 38, 2547-2550.	1.4	39
75	Crystal structure of 3,5-dimethyl-5-diphenylmethylhydantoin, C ₁₈ H ₁₈ N ₂ O ₂ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1996, 211, .	0.8	0
76	The synthesis of enantiomerically pure (2R)- $\hat{\pm}$ -methylisoserine. <i>Tetrahedron</i> , 1996, 52, 687-694.	1.9	24
77	Wittig olefination of methyl (1S, 2R)-1-benzamido-2-formylcyclopropanecarboxylate. A powerful tool for the synthesis of new conformationally constrained cyclopropyl amino acids. <i>Tetrahedron</i> , 1996, 52, 5881-5888.	1.9	14
78	Diastereoselective Strecker reaction of D-glyceraldehyde derivatives. A novel route to (2S,3S)- and (2R,3S)-2-amino-3,4-dihydroxybutyric acid. <i>Tetrahedron</i> , 1996, 52, 9563-9574.	1.9	34
79	Stereoselective synthesis of $\hat{\pm}$ -hydroxy- $\hat{2}$ -amino acids using D-glyceraldehyde as the homochiral source. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 529-536.	1.8	45
80	Z-2-phenyl-4-[(S)-2,2-dimethyl-1,3-dioxolan-4-ylmethylene]-5(4H)-oxazolone as the dienophile in asymmetric diels-alder reactions. II. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1431-1436.	1.8	15
81	Diastereoselective synthesis of (1S,2S,3R,4R) and (1R,2S,3R,4S)-bicyclo[2.2.1]hept-2-amino-2,3-dicarboxylic acids: New conformationally-constrained (S)-aspartic acid analogues. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1521-1528.	1.8	13
82	A practical method for the absolute configuration assignment of $\hat{\pm}$ -amino acids using their Pd(dmab) amino acidato complexes. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2695-2702.	1.8	18
83	Chiral Pd organometallic complexes as catalysts in cyclopropanation reactions. <i>Journal of Molecular Catalysis A</i> , 1996, 105, 111-116.	4.8	30
84	A Conformationally Restricted Aspartic Acid Analogue. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 1252-1254.	0.4	0
85	A Lactone Derived from an Amino Acid with a Cyclohexyl Skeleton: (1S,6R,9S)-6-Benzamido-9-hydroxymethyl-8-oxabicyclo[4.3.0]non-3-en-7-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 1456-1458.	0.4	2
86	Methyl 2-Methoxycarbonylamino-3,3-diphenylpropionate, an Interesting Diphenylalanine (DIP) Derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 1789-1791.	0.4	1
87	(Z)-4-[(S)-2,2-Dimethyl-1,3-dioxolan-4-ylmethylene]-2-phenyl-1,3-oxazol-5(4H)-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 1810-1813.	0.4	0
88	A New Conformationally Restricted Aspartic Acid Analogue with a Bicyclo[2.2.2]octane Skeleton. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 2292-2294.	0.4	3
89	A New Conformationally Restricted Aspartic Acid Analogue with a Cyclohexanone Skeleton. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 2641-2644.	0.4	2
90	Methyl (1R,2R)- and (1S,2S)-1-Cyano-2-[(S)-2,2-dimethyl-1,3-dioxolan-4-yl]cyclopropane-1-carboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 3210-3213.	0.4	0

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91	trans-1-Cyano-2-phenylcyclopropanecarboxamide. Acta Crystallographica Section C: Crystal Structure Communications, 1995, 51, 2703-2705.	0.4	0
92	Metal complexes of biologically important ligands: Synthesis of amino acidato complexes of PdII containing a C,N-cyclometallated group as an ancillary ligand. Journal of Organometallic Chemistry, 1995, 490, 35-43.	1.8	51
93	A simple synthesis of (â~)-(1S,2R)-allocoronamic acid in its enantiomerically pure form. Tetrahedron: Asymmetry, 1995, 6, 177-182.	1.8	32
94	A straightforward synthesis of (â~)-(1S,2R)-Allonorcoronamic acid using D-mannitol as the chiral source. Tetrahedron: Asymmetry, 1995, 6, 2067-2072.	1.8	21
95	Stereoselective amination of chiral enolates: Synthesis of enantiomerically pure $\hat{1}\pm, \hat{1}^2$ -diamino acids, chiral key compounds in the synthesis of conformationally constrained peptido- and non-peptidomimetics. Tetrahedron: Asymmetry, 1995, 6, 2787-2796.	1.8	32
96	Study of the reaction of a chiral oxazolone with oxosulphonium methylides as cyclopropanating agents. Tetrahedron, 1995, 51, 3025-3032.	1.9	20
97	Chiral 2-cyano esters as synthetic intermediates in the synthesis of R and S $\hat{1}\pm$ -methylvaline. Tetrahedron, 1995, 51, 5921-5928.	1.9	28
98	Z-2-Phenyl-4-[(S)-2,2-dimethyl-1,3-dioxolan-4-ylmethylene]-5(4H)-oxazolone as the Dienophile in Asymmetric Diels-Alder Reactions. Tetrahedron, 1995, 51, 8923-8934.	1.9	31
99	Diastereoselective Strecker reaction of imines derived from D-glyceraldehyde. A new route to $\hat{1}^2$ -hydroxy- $\hat{1}\pm$ -amino acids. Tetrahedron Letters, 1995, 36, 2859-2860.	1.4	22
100	Stereoselective amination of chiral enolates: Synthesis of chiral key intermediates for $\hat{1}^2$ -lactam antibiotics. Tetrahedron: Asymmetry, 1994, 5, 1465-1468.	1.8	11
101	1,3-Dipolar cycloaddition of diazomethane with a chiral azlactone. Tetrahedron Letters, 1994, 35, 617-620.	1.4	21
102	New $\hat{1}\pm, \hat{1}^2$ -didehydroamino acid derivatives as precursors in the synthesis of 1-aminocyclopropanecarboxylic acids. Tetrahedron, 1994, 50, 9157-9166.	1.9	27
103	Asymmetric synthesis of 3,3-diphenyl-2-methylalanine, a new unusual $\hat{1}\pm$ -amino acid for peptides of biological interest. Tetrahedron, 1994, 50, 9837-9846.	1.9	29
104	Asymmetric Diels-Alder reaction of a chiral azlactone. Tetrahedron: Asymmetry, 1994, 5, 157-160.	1.8	13
105	New approaches to the asymmetric synthesis of $\hat{1}\pm$ -methylphenylalanine. Tetrahedron: Asymmetry, 1994, 5, 261-268.	1.8	33
106	Study of the asymmetric diels-alder reaction of a chiral azlactone. Tetrahedron: Asymmetry, 1994, 5, 759-766.	1.8	17
107	Asymmetric Synthesis of .beta.-Lactams. Highly Diastereoselective Alkylation of Chiral 2-Cyano Esters. Journal of Organic Chemistry, 1994, 59, 2497-2505.	3.2	48
108	Stereospecific synthesis of N-[Bis(methylthio)methylene]- $\hat{1}\pm, \hat{1}^2$ - didehydroamino acid methyl esters, new synthons in the synthesis of $\hat{1}\pm$ -amino acids. Tetrahedron, 1993, 49, 497-506.	1.9	12

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109	Synthesis of the four d,l-pairs of 2-amino-3-phenylbornane-2-carboxylic acids II. The use of 5(4H)-oxazolones as dienophiles.. Tetrahedron, 1993, 49, 677-684.	1.9	37
110	Synthesis of (R)- and (S)-2-amino-2-methylbutanoic acid (Iva) in enantiomerically pure form. Tetrahedron: Asymmetry, 1993, 4, 1445-1448.	1.8	14
111	Synthesis of (R)- 3-alkyl-3-benzyl-2-azetidinones in enantiomerically pure form. Tetrahedron: Asymmetry, 1993, 4, 229-238.	1.8	15
112	Synthesis of new conformationally rigid phenylalanine analogues.. Tetrahedron, 1993, 49, 10987-10996.	1.9	37
113	N-[Bis(methylthio)methylene]-didehydroalanine methyl ester a new and excellent dienophile for the synthesis of 2-aminobornene-2-carboxylic acid. Tetrahedron, 1993, 49, 7287-7294.	1.9	3
114	Crystal structure of cyclic dehydroaminoacid derivatives: II. An (E)-5(4H)-oxazolone. Zeitschrift Fur Kristallographie - Crystalline Materials, 1993, 203, .	0.8	2
115	New Efficient Synthesis of 1-Aminocyclopropanecarboxylic Acid. Synlett, 1992, 1992, 579-581.	1.8	15
116	Synthesis of Chiral 2-Chloroacrylic Esters. Synthetic Communications, 1992, 22, 1205-1216.	2.1	3
117	New Efficient Synthesis of 1-Aminocyclopropanecarboxylic Acid (ACC). Synthetic Communications, 1992, 22, 2955-2963.	2.1	8
118	Chiral 2-Cyanocinnamates in Conjugate Addition Asymmetric Enolate Trapping Reactions. Bulletin of the Chemical Society of Japan, 1992, 65, 1657-1661.	3.2	10
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