

MarÃ-a D DÃ-az-De-Villegas

List of Publications by Year in descending order

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133
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186265

28
h-index

161849

54
g-index

182
all docs

182
docs citations

182
times ranked

2258
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective synthesis of quaternary $\hat{\pm}$ -amino acids. Part 1: Acyclic compounds. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3517-3599.	1.8	501
2	Stereoselective synthesis of quaternary $\hat{\pm}$ -amino acids. Part 2: Cyclic compounds. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 645-732.	1.8	473
3	Recent progress on the stereoselective synthesis of acyclic quaternary $\hat{\pm}$ -amino acids. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 569-623.	1.8	300
4	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
5	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
6	The tautomerism of 3(5)-phenylpyrazoles: an experimental (^1H , ^{13}C , ^{15}N NMR and X-ray crystallography) study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1992, , 1737.	0.9	63
7	Study of the reaction of imines derived from (R)-glyceraldehyde with Danishefsky's diene. <i>Tetrahedron</i> , 1999, 55, 7601-7612.	1.9	54
8	Metal complexes of biologically important ligands: Synthesis of amino acidato complexes of PdII containing a C,N-cyclometallated group as an ancillary ligand. <i>Journal of Organometallic Chemistry</i> , 1995, 490, 35-43.	1.8	51
9	Asymmetric Synthesis of .beta.-Lactams. Highly Diastereoselective Alkylation of Chiral 2-Cyano Esters. <i>Journal of Organic Chemistry</i> , 1994, 59, 2497-2505.	3.2	48
10	Gas-phase basicities of .beta.-lactams and azetidines. Cyclization effects. An experimental and theoretical study. <i>Journal of the American Chemical Society</i> , 1992, 114, 4728-4736.	13.7	45
11	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
12	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
13	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)-4-Oxopipelic Acid. <i>Tetrahedron Letters</i> , 1997, 38, 2547-2550.	1.4	39
14	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
15	Synthesis of the four d,l-pairs of 2-amino-3-phenylnorbornane-2-carboxylic acids II. The use of 5(4H)-oxazolones as dienophiles.. <i>Tetrahedron</i> , 1993, 49, 677-684.	1.9	37
16	Synthesis of new conformationally rigid phenylalanine analogues.. <i>Tetrahedron</i> , 1993, 49, 10987-10996.	1.9	37
17	A new approach to the stereoselective synthesis of conveniently protected $\hat{\pm}$ -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
18	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

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19	New approaches to the asymmetric synthesis of $\hat{\pm}$ -methylphenylalanine. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 261-268.	1.8	33
20	Chiral Amino Diol Derivatives as New Modular Organocatalysts for the Enantioselective $\hat{\pm}$ -Chlorination of Cyclic $\hat{\pm}$ -Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3329-3338.	4.3	33
21	A simple synthesis of ($\hat{\sim}$)-(1S,2R)-alloconamic acid in its enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 177-182.	1.8	32
22	Stereoselective amination of chiral enolates: Synthesis of enantiomerically pure $\hat{\pm}$, $\hat{\pm}^2$ -diamino acids, chiral key compounds in the synthesis of conformationally constrained peptido- and non-peptidomimetics. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2787-2796.	1.8	32
23	Z-2-Phenyl-4-[(S)-2,2-dimethyl-1,3-dioxolan-4-ylmethylene]-5(4H)-oxazolone as the Dienophile in Asymmetric Diels-Alder Reactions. <i>Tetrahedron</i> , 1995, 51, 8923-8934.	1.9	31
24	Efficient asymmetric synthesis of amino acids through hydrogenation of the didehydroamino acid residue in cyclic imino-ester derivatives. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 567-572.	1.8	30
25	Chiral Pd organometallic complexes as catalysts in cyclopropanation reactions. <i>Journal of Molecular Catalysis A</i> , 1996, 105, 111-116.	4.8	30
26	Asymmetric synthesis of 3,3-diphenyl-2-methylalanine, a new unusual $\hat{\pm}$ -amino acid for peptides of biological interest. <i>Tetrahedron</i> , 1994, 50, 9837-9846.	1.9	29
27	Chiral 2-cyano esters as synthetic intermediates in the synthesis of R and S $\hat{\pm}$ -methylvaline. <i>Tetrahedron</i> , 1995, 51, 5921-5928.	1.9	28
28	A Convenient Synthesis of L- $\hat{\pm}$ -Vinylglycine from D-Mannitol. <i>Synthesis</i> , 1997, 1997, 747-749.	2.3	28
29	New $\hat{\pm}$, $\hat{\pm}^2$ -didehydroamino acid derivatives as precursors in the synthesis of 1-aminocyclopropanecarboxylic acids. <i>Tetrahedron</i> , 1994, 50, 9157-9166.	1.9	27
30	Efficient access to all four stereoisomers of phenylalanine cyclopropane analogues by chiral HPLC. , 1999, 11, 583-590.		27
31	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
32	Organocatalysis in Enantioselective $\hat{\pm}$ -Functionalization of $\hat{\pm}$ -Cyanoacetates. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3261-3288.	4.3	25
33	The synthesis of enantiomerically pure (2R)- $\hat{\pm}$ -methylisoserine. <i>Tetrahedron</i> , 1996, 52, 687-694.	1.9	24
34	1,3-Dipolar cycloaddition of diazomethane to chiral azlactones. Experimental and theoretical studies. <i>Tetrahedron</i> , 1997, 53, 4479-4486.	1.9	24
35	Study of the Reactions between Vinylmagnesium Bromide and Imines Derived from (R)-Glyceraldehyde $\hat{\sim}$ 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
36	Efficient stereodivergent synthesis of 1,4-dideoxy-1,4-iminoheptitols from an (S)-glyceraldimine. <i>Tetrahedron Letters</i> , 2004, 45, 719-722.	1.4	24

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37	Asymmetric Synthesis of ESâ€285, an Anticancer Agent Isolated from Marine Sources. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 6172-6178.	2.4	23
38	Switch in regioselectivity of epoxide ring-opening by changing the organometallic reagent. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8155.	2.8	23
39	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
40	Diastereoselective Strecker reaction of imines derived from D-glyceraldehyde. A new route to β -hydroxy- α -amino acids. <i>Tetrahedron Letters</i> , 1995, 36, 2859-2860.	1.4	22
41	Iridium-catalysed homogeneous hydrogenation of prochiral enamides containing tetrasubstituted alkene moieties. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1383-1384.	2.0	21
42	Homogeneous hydrogenation of tetrasubstituted alkene moieties in prochiral dihydro amino acid derivatives catalysed by iridium complexes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988, , 1881.	0.9	21
43	1,3-Dipolar cycloaddition of diazomethane with a chiral azlactone. <i>Tetrahedron Letters</i> , 1994, 35, 617-620.	1.4	21
44	A straightforward synthesis of (α)--(1S,2R)-Allonorcoronamic acid using D-mannitol as the chiral source. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2067-2072.	1.8	21
45	Action of diazomethane on (Z/E)-2-methyl(or phenyl)-4-benzylidene-5(4H)-oxazolones. <i>Journal of Organic Chemistry</i> , 1984, 49, 1436-1439.	3.2	20
46	Study of the reaction of a chiral oxazolone with oxosulphonium methylides as cyclopropanating agents. <i>Tetrahedron</i> , 1995, 51, 3025-3032.	1.9	20
47	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
48	Lipopeptaibol 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
49	Action of diazomethane on methyl (Z(or E))-2-(acylamino)cinnamates. A new route to methyl (Z)-2-(acylamino)-3-methylcinnamates. <i>Journal of Organic Chemistry</i> , 1985, 50, 3167-3169.	3.2	19
50	A Novel Pan-Negative-Gating Modulator of $K_{Ca}^{2/3}$ Channels, Fluoro-Di-Benzoate, RA-2, Inhibits Endothelium-Derived Hyperpolarizationâ€“Type Relaxation in Coronary Artery and Produces Bradycardia In Vivo. <i>Molecular Pharmacology</i> , 2015, 87, 338-348.	2.3	19
51	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
52	Chiral 2-acetamidoacrylates in conjugate addition â€“ asymmetric enolate trapping reactions. Asymmetric synthesis of phenylalanine. <i>Canadian Journal of Chemistry</i> , 1992, 70, 2325-2328.	1.1	18
53	A practical method for the absolute configuration assignment of α -amino acids using their Pd(dmba) amino acidato complexes. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2695-2702.	1.8	18
54	On the synthesis of (S)- α -methylaspartic acid by diastereoselective alkylation of a chiral 2-cyanopropanoate. <i>Tetrahedron</i> , 1997, 53, 5891-5898.	1.9	18

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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	Study of the asymmetric diels-alder reaction of a chiral azlactone. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 759-766.	1.8	17
57	($\hat{1}^\pm$ 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
58	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
59	New Efficient Synthesis of 1-Aminocyclopropanecarboxylic Acid. <i>Synlett</i> , 1992, 1992, 579-581.	1.8	15
60	Synthesis of (R)- 3-alkyl-3-benzyl-2-azetidinones in enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 229-238.	1.8	15
61	Z-2-phenyl-4-[(S)-2,2-dimethyl-1,3-dioxolan-4-ylmetylen]-5(4H)-oxazolone as the dienophile in asymmetric diels-alder reactions. II. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1431-1436.	1.8	15
62	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
63	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
64	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
65	On the synthesis of methyl (z/e)-2-acetamido(or benzamido)-3-aryl 2-butenates. <i>Tetrahedron</i> , 1986, 42, 583-589.	1.9	14
66	Synthesis of (R)- and (S)-2-amino-2-methylbutanoic acid (Iva) in enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1445-1448.	1.8	14
67	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
68	Asymmetric Diels-Alder reaction of a chiral azlactone. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 157-160.	1.8	13
69	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
70	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
71	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. <i>Tetrahedron</i> , 1993, 49, 497-506.	1.9	12
72	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

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73	Synthesis of (S)-N-tert-butoxycarbonyl-N,O-isopropylidene- β -methylserinal: A potential building block for the asymmetric synthesis of non-natural amino acids. <i>Tetrahedron</i> , 1998, 54, 14963-14974.	1.9	12
74	Highly Diastereoselective Cyanation of Methyl Ketimines Obtained from (R)-Glyceraldehyde. <i>Journal of Organic Chemistry</i> , 2005, 70, 10102-10105.	3.2	12
75	First asymmetric synthesis of an acyclic β,β -dialkylated- β -aminobutyric acid. <i>Tetrahedron</i> , 2006, 62, 8142-8146.	1.9	12
76	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
77	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
78	New Efficient Synthesis of 3(5)-Carbomethoxy-4-Aryl Pyrazoles from 3-Aryl-2,3-Dehydroamino Acid Derivatives. <i>Synthetic Communications</i> , 1987, 17, 165-172.	2.1	11
79	Stereoselective amination of chiral enolates: Synthesis of chiral key intermediates for β -lactam antibiotics. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1465-1468.	1.8	11
80	Synthesis and conformational properties of model dipeptides containing novel axially chiral β,β -didehydroamino acids at the (+1) position of a β -turn conformation. <i>Tetrahedron</i> , 2004, 60, 11923-11932.	1.9	11
81	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
82	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
83	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
84	New Efficient Synthesis of Methyl Trans-2-Aryl (or Hetaryl)-1-Benzamidocyclopropanecarboxylates. <i>Synthetic Communications</i> , 1987, 17, 1549-1557.	2.1	10
85	Chiral 2-Cyanocinnamates in Conjugate Addition Asymmetric Enolate Trapping Reactions. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 1657-1661.	3.2	10
86	A Simple Method for Determining the Absolute Configuration of alpha-Amino Acids. <i>Journal of Chemical Education</i> , 1999, 76, 77.	2.3	10
87	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
88	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
89	Synthesis of Cyanocinnamic Esters by the Knoevenagel Reaction. <i>Synthetic Communications</i> , 1990, 20, 3145-3152.	2.1	9
90	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

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91	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
92	New Efficient Synthesis of 1-Aminocyclopropanecarboxylic Acid (ACC). <i>Synthetic Communications</i> , 1992, 22, 2955-2963.	2.1	8
93	Efficient stereoselective synthesis of enantiopure cis- and trans-1,2,4-trisubstituted piperidines. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2812-2819.	1.8	8
94	Stereocontrolled synthesis of orthogonally protected 2-substituted 4-aminopiperidines. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2912.	2.8	8
95	Crystal structure of cyclic dehydroaminoacid derivatives. <i>Zeitschrift für Kristallographie</i> , 1989, 189, 65-76.	1.1	7
96	Synthesis of (R)- and (S)-3-benzyl-3-methyl-2-azetidinone in enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 1141-1144.	1.8	7
97	Efficient enantioconvergent synthesis of (S)-1-benzyl-1-methyl-2-alanine from (R)- and (S)-2-cyano-2-methyl-3-phenylpropanoic acid. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2209-2214.	1.8	7
98	Efficient resolution of rac-2-cyano-2-methyl-3-phenylpropanoic acid. An appropriate starting material for the enantioconvergent synthesis of (S)-1-methylphenylalanine on a large laboratory scale. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2201-2207.	1.8	6
99	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
100	Stereoselective Synthesis of Chiral 2,3-Disubstituted 2,3-Dihydro-4(1 <i>H</i>)-pyridones. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 6008-6014.	2.4	6
101	Vascular Reactivity Profile of Novel Ca^{2+} -Selective Positive-Gating Modulators in the Coronary Vascular Bed. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 184-192.	2.5	6
102	Debenzylative Cycloetherification as a Synthetic Tool in the Diastereoselective Synthesis of 3,6-Disubstituted Hexahydro-2H-furo[3,2-b]pyrroles, PDE1 Enzyme Inhibitors with an Antiproliferative Effect on Melanoma Cells. <i>Journal of Organic Chemistry</i> , 2020, 85, 5941-5951.	3.2	6
103	Allylation and propargylation of chiral cyanopropanoates: An efficient route to long chain 1-substituted 1-methyl 1-amino acids. <i>Chirality</i> , 2004, 16, 106-111.	2.6	4
104	Synthesis of (R)-quinuclidine-2-carboxylic acid in enantiomerically pure form. <i>Tetrahedron Letters</i> , 2008, 49, 2251-2253.	1.4	4
105	Selective Targeting of Human and Animal Pathogens of the Helicobacter Genus by Flavodoxin Inhibitors: Efficacy, Synergy, Resistance and Mechanistic Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10137.	4.1	4
106	Synthesis of Chiral 2-Chloroacrylic Esters. <i>Synthetic Communications</i> , 1992, 22, 1205-1216.	2.1	3
107	N-[Bis(methylthio)methylene]-didehydroalanine methyl ester a new and excellent dienophile for the synthesis of 2-aminonorborene-2-carboxylic acid. <i>Tetrahedron</i> , 1993, 49, 7287-7294.	1.9	3
108	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

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109	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
110	Crystal structure of cyclic dehydroaminoacid derivatives: II. An (E)-5(4H)-oxazolone. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1993, 203, .	0.8	2
111	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
112	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
113	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
114	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
115	A pyrene-inhibitor fluorescent probe with large Stokes shift for the staining of A β 21-42, I \pm -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
116	Horner-Wadsworth-Emmons reaction for the synthesis of unusual alpha,beta-didehydroamino acids with a chiral axis. <i>Arkivoc</i> , 2004, 2004, 59-66.	0.5	2
117	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
118	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
119	2-tert-Butoxycarbonylamino-2-isopropyl-4-pentenamide, a new conformationally restricted I \pm ,I \pm -dialkylglycine derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 241-243.	0.4	1
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121	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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