

Eusebio Juaristi

List of Publications by Year in descending order

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192
papers

6,649
citations

71102

41
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88630

70
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211
all docs

211
docs citations

211
times ranked

4096
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 253-265.	2.4	7
2	Mechanoenzymology: State of the Art and Challenges towards Highly Sustainable Biocatalysis. <i>ChemSusChem</i> , 2021, 14, 2682-2688.	6.8	22
3	Recent developments in next generation (S)-proline-derived chiral organocatalysts. <i>Tetrahedron</i> , 2021, 88, 132143.	1.9	50
4	Proline and 1-(2-(benzoxazole-2-yl)phenyl)-3-phenylthiourea supramolecular organocatalyst in asymmetric aldol reactions. <i>Tetrahedron Letters</i> , 2021, 79, 153301.	1.4	2
5	Effect of the Substituent and Amino Group Position on the Lipase-catalyzed Resolution of β -Amino Esters: A Molecular Docking Study Shedding Light on Candida antarctica lipase B Enantioselectivity. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4790-4802.	2.4	4
6	β -Amino Acids and β -Dipeptides Intercalated into Hydrotalcite: Efficient Catalysts in the Asymmetric Michael Addition Reaction of Aldehydes to α -Substituted Maleimides. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5117-5126.	2.4	9
7	Thermal and Mechanical Stability of Immobilized <i>Candida antarctica</i> Lipase B: an Approximation to Mechanochemical Energetics in Enzyme Catalysis.. <i>ChemCatChem</i> , 2020, 12, 803-811.	3.7	16
8	Dual Mechanoenzymatic Kinetic Resolution of (\pm)-Ketorolac. <i>ChemCatChem</i> , 2020, 12, 1782-1788.	3.7	25
9	New Mesoporous Silica-Supported Organocatalysts Based on (2S)-(1,2,4-Triazol-3-yl)-Proline: Efficient, Reusable, and Heterogeneous Catalysts for the Asymmetric Aldol Reaction. <i>Molecules</i> , 2020, 25, 4532.	3.8	8
10	Preparation of aromatic β -hydroxyketones by means of Heck coupling of aryl halides and 2,3-dihydrofuran, catalyzed by a palladium(κ^2 -glycine) complex under microwave irradiation. <i>New Journal of Chemistry</i> , 2020, 44, 13382-13392.	2.8	2
11	Novel Methodologies for Chemical Activation in Organic Synthesis under Solvent-Free Reaction Conditions. <i>Molecules</i> , 2020, 25, 3579.	3.8	42
12	Mechanochemical and Mechanoenzymatic Synthesis of Pharmacologically Active Compounds: A Green Perspective. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8881-8893.	6.7	125
13	Mechanochemically Activated Liebeskind-Srogl (L-S) Cross-Coupling Reaction: Green Synthesis of meso-Substituted BODIPYs. <i>Organometallics</i> , 2020, 39, 2561-2564.	2.3	12
14	Green synthesis of bioactive oligopeptides promoted by recyclable nanocrystalline hydroxyapatite. <i>Future Medicinal Chemistry</i> , 2020, 12, 479-491.	2.3	16
15	Synthesis of a new chiral organocatalyst derived from (S)-proline containing a 1,2,4-triazolyl moiety and its application in the asymmetric aldol reaction. Importance of one molecule of water generated in situ. <i>Tetrahedron Letters</i> , 2019, 60, 151128.	1.4	7
16	Synthesis of novel isoindolone derivatives via cascade reactions. Contrasting diastereoselectivity under solution-phase vis-a-vis solvent-free ball-milling reaction conditions. <i>Tetrahedron</i> , 2019, 75, 130594.	1.9	9
17	Biomimetic Non-Heme Iron-Catalyzed Epoxidation of Challenging Terminal Alkenes Using Aqueous H ₂ O ₂ as an Environmentally Friendly Oxidant. <i>Molecules</i> , 2019, 24, 3182.	3.8	1
18	Recent applications of mechanochemistry in enantioselective synthesis. <i>Tetrahedron Letters</i> , 2019, 60, 1749-1757.	1.4	59

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19	Dendrimeric β,β' -dipeptidic conjugates as organocatalysts in the asymmetric Michael addition reaction of isobutyraldehyde to N-phenylmaleimides. <i>Monatshefte für Chemie</i> , 2019, 150, 777-788.	1.8	6
20	Multifunctional phosphoramidate-(<i>S</i>)-prolinamide derivatives as efficient organocatalysts in asymmetric aldol and Michael reactions. <i>New Journal of Chemistry</i> , 2019, 43, 5455-5465.	2.8	8
21	Optimized Methodologies in Asymmetric Organic Synthesis Applying Microwaves. <i>Journal of the Mexican Chemical Society</i> , 2019, 53, .	0.6	2
22	Stereoelectronic Interactions Exhibited by ^{13}C -One-Bond Coupling Constants and Examination of the Possible Existence of the Intramolecular β -Effect in Six-Membered Oxygen-Containing Heterocycles. <i>Journal of Organic Chemistry</i> , 2018, 83, 3293-3298.	3.2	11
23	(<i>R</i>)- and (<i>S</i>)-Proline-Derived Chiral Phosphoramides as OrganoCatalysts for the Enantiodivergent Aldol Reaction of Isatins with Cyclohexanone in the Presence of Water. <i>Synthesis</i> , 2018, 50, 1827-1840.	2.3	10
24	Synthesis of a New <i>N,N</i> -Diaminophosphoryl- <i>N</i> -(2-(<i>S</i>)-pyrrolidinylmethyl)thiourea as a Chiral Organocatalyst for the Stereoselective Michael Addition of Cyclohexanone to Nitrostyrenes and Chalcones – Application in Cascade Processes for the Synthesis of Polycyclic Systems. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6890-6900.	2.4	15
25	Mechanoenzymatic resolution of racemic chiral amines, a green technique for the synthesis of pharmaceutical building blocks. <i>Tetrahedron</i> , 2018, 74, 6453-6458.	1.9	41
26	Proline-Glycine Dipeptidic Derivatives of Chiral Phosphoramides as Organocatalysts for the Enantiodivergent Aldol Reaction of Aryl Aldehydes and Isatins with Cyclohexanone in the Presence of Water. <i>Synthesis</i> , 2018, 50, 3445-3459.	2.3	11
27	Density Functional Theory Computational Reexamination of the Anomeric Effect in 2-Methoxy- and 2-Cyano-1,3-dioxanes and 1,3-Dithianes. Stereoelectronic Interactions Involving the Cyano ($\text{C}\equiv\text{N}$) Group Revealed by Natural Bond Orbital (NBO) Analysis. <i>Journal of Organic Chemistry</i> , 2018, 83, 10326-10333.	3.2	12
28	Chiral Imidazolium Ionic Liquids Derived from (<i>S</i>)-Prolinamine as Organocatalysts in the Asymmetric Michael Reaction and Michael–Aldol Cascade Reaction under Solvent-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2692-2697.	2.4	16
29	Improving the Catalytic Performance of (<i>S</i>)-Proline as Organocatalyst in Asymmetric Aldol Reactions in the Presence of Solvate Ionic Liquids: Involvement of a Supramolecular Aggregate. <i>Organic Letters</i> , 2017, 19, 1108-1111.	4.6	60
30	Asymmetric Michael addition reaction organocatalyzed by stereoisomeric pyrrolidine sulfinamides under neat conditions. A brief study of self-disproportionation of enantiomers. <i>Tetrahedron</i> , 2017, 73, 4707-4718.	1.9	23
31	Mechanochemical Synthesis of Dipeptides Using Mg-Al Hydrotalcite as Activating Agent under Solvent-Free Reaction Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 687-694.	2.4	37
32	(2 <i>S</i> ,4 <i>R</i>)-Hyp-(<i>S</i>)-Phe-OMe dipeptide supported on imidazolium tagged molecules as recoverable organocatalysts for asymmetric aldol reactions using water as reaction medium. <i>Tetrahedron</i> , 2017, 73, 5373-5380.	1.9	13
33	Fundamental Developments of Chiral Phase Chromatography in Connection with Enantioselective Synthesis of β -Amino Acids. <i>Israel Journal of Chemistry</i> , 2017, 57, 896-912.	2.3	3
34	Stereoelectronic Interactions as a Probe for the Existence of the Intramolecular β -Effect. <i>Journal of the American Chemical Society</i> , 2017, 139, 10799-10813.	13.7	66
35	Theoretical Evidence for the Relevance of $n(\text{S}) \rightarrow \text{I}^*(\text{C-P})$, $\text{I}^*(\text{C-S}) \rightarrow \text{I}^*(\text{C-P})$, and $n(\text{F}) \rightarrow \text{I}^*(\text{C-X})$ ($\text{X} = \text{H, C, O, S}$) Stereoelectronic Interactions. <i>ACS Symposium Series</i> , 2017, , 3-18.	0.5	1
36	Asymmetric Michael Addition Organocatalyzed by β,β' -Dipeptides under Solvent-Free Reaction Conditions. <i>Molecules</i> , 2017, 22, 1328.	3.8	23

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37	One-Pot Lipase-Catalyzed Enantioselective Synthesis of (R)-(α)-N-Benzyl-3-(benzylamino)butanamide: The Effect of Solvent Polarity on Enantioselectivity. <i>Molecules</i> , 2017, 22, 2189.	3.8	12
38	Mechanochemical enzymatic resolution of N-benzylated- β -3-amino esters. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1728-1734.	2.2	50
39	Los Ácidos α -amino como promotores catalizadores en síntesis orgánica: una contribución a la química sostenible. <i>Revista Lasallista De Investigación</i> , 2017, 14, 171.	0.1	0
40	Integrin Ligands with β -Hybrid Peptide Structure: Design, Bioactivity, and Conformational Aspects. <i>Medicinal Research Reviews</i> , 2016, 36, 389-424.	10.5	27
41	The Diamino Analogues of Privileged Corey-Bakshi-Shibata and Jørgensen-Hayashi Catalysts: A Comparison of Their Performance. <i>Synthesis</i> , 2016, 48, 3890-3906.	2.3	14
42	Synthesis of Ugi 4- α and Passerini 3- α Adducts under Mechanochemical Activation. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1095-1102.	2.4	54
43	In search of diamine analogs of the β , β -diphenyl prolinol privileged chiral organocatalyst. Synthesis of diamine derivatives of β , β -diphenyl-(S)-prolinol and their application as organocatalysts in the asymmetric Michael and Mannich reactions. <i>Tetrahedron</i> , 2016, 72, 379-391.	1.9	21
44	Theoretical Evidence for the Relevance of $n(F) \rightarrow \pi^*(C=X)$ ($X = H, C, O, S$) Stereoelectronic Interactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 1192-1197.	3.2	26
45	Organocatalytic activity of β , β -dipeptide derivatives of (S)-proline in the asymmetric aldol reaction in absence of solvent. Evidence for non-covalent π - π interactions in the transition state. <i>Tetrahedron Letters</i> , 2015, 56, 1144-1148.	1.4	47
46	Theoretical Examination of the $S \rightarrow C \rightarrow P$ Anomeric Effect. <i>Journal of Organic Chemistry</i> , 2015, 80, 2879-2883.	3.2	21
47	Use of (R)-Mandelic Acid as Chiral Co-Catalyst in the Michael Addition Reaction Organocatalyzed by (1S,4S)-2-Tosyl-2,5-diazabicyclo[2.2.1]heptane under Solvent-Free Conditions. <i>Asymmetric Catalysis</i> , 2015, 2, .	0.2	4
48	Structural features of N-benzylated- β -2-amino acid methyl esters essential for enantiodifferentiation by lipase B from <i>Candida antarctica</i> in hydrolytic reactions. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 325-332.	1.8	17
49	Synthesis and evaluation of (S)-proline-containing dipeptidic organocatalysts bound to MBHA resin in asymmetric aldol reactions. <i>Tetrahedron Letters</i> , 2015, 56, 6047-6051.	1.4	17
50	Synthesis and Evaluation of (β)-Proline-Containing β , β -Dipeptides as Organocatalysts in Solvent-Free Asymmetric Aldol Reactions Under Ball-Milling Conditions. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 46-53.	2.7	47
51	α -trans- β -Hexahydrobenzoxazolidinones in the Enantioselective Synthesis of β -Amino Acids Containing Proteinogenic Side Chains. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2275-2283.	2.4	4
52	An Alternative Synthesis of Chiral (β)-Proline Derivatives that Contain a Thiohydantoin Moiety and Their Application as Organocatalysts in the Asymmetric Michael Addition Reaction under Solvent-Free Conditions.. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 487-496.	2.7	23
53	Convenient Synthesis of the Antibiotic Linezolid via an Oxazolidinone- β , β -dione Intermediate Derived from the Chiral Building Block Isoserine. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7614-7620.	2.4	16
54	Enantiopure 1,2,3-Triazolyl- β -amino Acids via Click Cycloaddition Reaction on Racemic Alkynyl Precursors Followed by Separation of Stereoisomers. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1257-1270.	2.1	4

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55	Insertion of beta-alanine in model peptides for copper binding to His96 and His111 of the human prion protein. <i>Journal of Inorganic Biochemistry</i> , 2013, 126, 104-110.	3.5	4
56	Computational reexamination of the eclipsed conformation in cis-2-tert-butyl-5-(tert-butylsulfonyl)-1,3-dioxane. <i>Structural Chemistry</i> , 2013, 24, 1855-1862.	2.0	8
57	Stereoselective Synthesis of Chiral Pyrrolidine Derivatives of (+)-Î±-Pinene Containing a Î²-Amino Acid Moiety. <i>Synthesis</i> , 2013, 45, 2458-2468.	2.3	11
58	Asymmetric Allylation of Î±-Ketoesters Derived from Benzoylhydrazones Promoted by Chiral Sulfoxides/Oxides Lewis Bases: Highly Enantioselective Synthesis of Quaternary Î±-Substituted Î±-Allyl-Î±-Amino Acids. <i>Chirality</i> , 2013, 25, 529-540.	2.6	7
59	Solution-phase synthesis of novel seven-membered cyclic dipeptides containing Î±- and Î²-amino acids. <i>Tetrahedron</i> , 2012, 68, 9842-9852.	1.9	9
60	Asymmetric Synthesis of ²-homo-tert-Leucine via Radical Addition to Enantiopure Î±-Fumaroylhexahydrobenzoxazolidinone. <i>Helvetica Chimica Acta</i> , 2012, 95, 1714-1722.	1.6	2
61	The best of physical organic chemistry in Riviera Maya, MÃ©xico, November 20-24, 2011. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 892-893.	1.9	0
62	Synthesis of Versatile Bifunctional Derivatives of Chiral Diamines Obtained through Anchimerically Assisted Nucleophilic Substitution Reactions on Diastereomeric Phenylprolinols. <i>Heterocycles</i> , 2012, 86, 1275.	0.7	12
63	Anomeric Effect in Saturated Heterocyclic Ring Systems. <i>Advances in Heterocyclic Chemistry</i> , 2012, 105, 189-222.	1.7	26
64	Looking for Treasure in Stereochemistry-Land. A Path Marked by Curiosity, Obstinacy, and Serendipity. <i>Journal of Organic Chemistry</i> , 2012, 77, 4861-4884.	3.2	17
65	Recent efforts directed to the development of more sustainable asymmetric organocatalysis. <i>Chemical Communications</i> , 2012, 48, 5396.	4.1	237
66	Solvent-free asymmetric aldol reaction organocatalyzed by (S)-proline-containing thiodipeptides under ball-milling conditions. <i>Tetrahedron</i> , 2012, 68, 92-97.	1.9	119
67	Asymmetric Aldol Reaction Organocatalyzed by (S)-Proline-Containing Dipeptides: Improved Stereinduction under Solvent-Free Conditions. <i>Journal of Organic Chemistry</i> , 2011, 76, 1464-1467.	3.2	166
68	Functionalization of 2-(S)-isopropyl-5-iodo-pyrimidin-4-ones through Cu(I)-mediated 1,3-dipolar azide-alkyne cycloadditions. <i>Tetrahedron Letters</i> , 2011, 52, 6883-6886.	1.4	7
69	Efficient ball-mill procedure in the "green" asymmetric aldol reaction organocatalyzed by (S)-proline-containing dipeptides in the presence of water. <i>Tetrahedron</i> , 2011, 67, 6953-6959.	1.9	94
70	Synthesis of (2S)-isopropyl-5-alkynylpyrimidin-2-ones: precursors of Î²-aminoacids. <i>Tetrahedron Letters</i> , 2011, 52, 1014-1019.	1.4	2
71	Functionalization of (2S)-isopropyl-5-iodo-2,3-dihydro-4(1H)-pyrimidin-4-ones by a Suzuki-Miyaura Cross-Coupling Reaction Using Aryltrifluoroborate Salts: Convenient Enantioselective Preparation of Î±-Substituted Î²-Amino Acids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6393-6403.	2.4	8
72	Green Synthesis of Î±,Î²- and Î²,Î²-Dipeptides under Solvent-Free Conditions. <i>Journal of Organic Chemistry</i> , 2010, 75, 7107-7111.	3.2	110

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73	Experimental and Computational Thermochemical Study of Sulfur-Containing Amino Acids: L-Cysteine, L-Cystine, and L-Cysteine-Derived Radicals. S [•] S, S [•] H, and C [•] S Bond Dissociation Enthalpies. <i>Journal of Physical Chemistry B</i> , 2010, 114, 10530-10540.	2.6	46
74	Biostable β^2 -amino acid PK/PBAN analogs: Agonist and antagonist properties. <i>Peptides</i> , 2009, 30, 608-615.	2.4	18
75	Solid phase synthesis of novel β^2 -tetrapeptides, electrospray ionization mass spectrometric evaluation of their metal cation complexation behavior, and conformational analysis using density functional theory (DFT). <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 349-358.	1.9	9
76	Synthesis of Novel Derivatives of (1 <i>S</i> ,4 <i>S</i>)-2,5-Diazabicyclo[2.2.1]heptane and Their Evaluation as Potential Ligands in Asymmetric Catalysis. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 655-672.	2.4	27
77	Synthesis of three novel chiral diamines derived from (S)-proline and their evaluation as precursors of diazaborolidines for the catalytic borane-mediated enantioselective reduction of prochiral ketones. <i>Tetrahedron</i> , 2008, 64, 9992-9998.	1.9	37
78	Enantioselective synthesis of beta-amino acids using hexahydrobenzoxazolidinones as chiral auxiliaries. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2839-2849.	1.8	15
79	Synthesis of Novel Chiral (Thio)ureas and Their Application as Organocatalysts and Ligands in Asymmetric Synthesis. <i>Australian Journal of Chemistry</i> , 2008, 61, 364.	0.9	17
80	Identification of selective and non-selective, biostable β^2 -amino acid agonists of recombinant insect kinin receptors from the southern cattle tick <i>Boophilus microplus</i> and mosquito <i>Aedes aegypti</i> . <i>Peptides</i> , 2008, 29, 302-309.	2.4	21
81	Synergy Between Theory and Experiment in Physical Chemistry: Studies on Thermochemistry, Sites of Ionization and Reaction Mechanisms. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
82	Application of (1 <i>S</i> ,4 <i>S</i>)-2,5-diazabicyclo[2.2.1]heptane derivatives in asymmetric organocatalysis: the Biginelli reaction. <i>Arkivoc</i> , 2008, 2008, 61-72.	0.5	30
83	Synthesis of 2-Substituted-5-halo-2,3-dihydro-4(H)-pyrimidin-4-ones and Their Derivatization Utilizing the Sonogashira Coupling Reaction in the Enantioselective Synthesis of β^2 -Substituted β^2 -Amino Acids. <i>Journal of Organic Chemistry</i> , 2007, 72, 4822-4825.	3.2	37
84	Enantioselective Amination of β^2 -Phenyl- β^2 -cyanoacetate Catalyzed by Chiral Amines Incorporating the β^2 -Phenylethyl Auxiliary. <i>Journal of Organic Chemistry</i> , 2007, 72, 1522-1525.	3.2	41
85	Calorimetric and Computational Study of 1,3- and 1,4-Oxathiane Sulfones. <i>Journal of Organic Chemistry</i> , 2007, 72, 1143-1147.	3.2	19
86	Manifestations of Stereoelectronic Interactions in $^1J_{C-H}$ One-Bond Coupling Constants. <i>Accounts of Chemical Research</i> , 2007, 40, 961-970.	15.6	49
87	β^2 -amino acid analogs of an insect neuropeptide feature potent bioactivity and resistance to peptidase hydrolysis. <i>Biopolymers</i> , 2007, 88, 76-82.	2.4	45
88	Structurally simple chiral thioureas as chiral solvating agents in the enantiodiscrimination of β^2 -hydroxy and β^2 -amino carboxylic acids. <i>Tetrahedron</i> , 2007, 63, 7673-7678.	1.9	48
89	Preparation of chiral derivatives of β^2 -Ala containing the β^2 -phenylethyl group: useful starting materials for the asymmetric synthesis of β^2 -amino acids. <i>Nature Protocols</i> , 2007, 2, 2759-2766.	12.0	10
90	Computational Study of 1,3-Dithiane 1,1-Dioxide (1,3-Dithiane Sulfone). Description of the Inversion Process and Manifestation of Stereoelectronic Effects on $^1J_{C-H}$ Coupling Constants. <i>Journal of Physical Chemistry A</i> , 2006, 110, 7703-7712.	2.5	22

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91	Calorimetric and Computational Study of 1,4-Dithiacyclohexane 1,1-Dioxide (1,4-Dithiane Sulfone). <i>Journal of Organic Chemistry</i> , 2006, 71, 2581-2586.	3.2	13
92	Thermophysical properties of sulfur heterocycles: Thiane and thiophene derivatives. <i>Thermochimica Acta</i> , 2006, 441, 20-26.	2.7	36
93	Enantioselective synthesis of (S)-2-amino-3-phosphonopropionic acid, (S)-AP-3, and (R)-2-amino-4-phosphonobutanoic acid, (R)-AP-4, via diastereoselective azidation of (4R,5R)-trans-N-[(diethoxyphosphoryl)propionyl]- and (4R,5R)-trans-N-[(diethoxyphosphoryl)butanoyl]hexahydrobenzoxazolidin-2-one. <i>Tetrahedron</i> , 2006, 62, 8404-8409.	1.9	17
94	Asymmetric allylation of N-benzoylhydrazones promoted by novel C2-symmetric bis-sulfoxide organocatalysts. <i>Tetrahedron Letters</i> , 2006, 47, 8235-8238.	1.4	43
95	Chiral 1,2-Amino Alcohols and 1,2-Diamines Derived from Cyclohexene Oxide: Recent Applications in Asymmetric Synthesis. <i>Synlett</i> , 2006, 2006, 2699-2715.	1.8	94
96	Diastereoselective alkylation of cyclo- β^2 -dipeptides en route to enantiopure β^2 -amino acids. <i>Pure and Applied Chemistry</i> , 2005, 77, 1235-1241.	1.9	8
97	Corrigendum to "Enantioselective alkylation and protonation of prochiral enolates in the asymmetric synthesis of β^2 -amino acids" [Tetrahedron 59 (2003) 4223]. <i>Tetrahedron</i> , 2005, 61, 4329-4333.	1.9	4
98	Preparation of both enantiomers of β^2 -(3,4-dihydroxybenzyl)- β^2 -alanine, higher homologues of Dopa. <i>Tetrahedron</i> , 2005, 61, 8372-8381.	1.9	8
99	The Origin of One-Bond C-H Coupling Constants in OCH Fragments: Not Primarily σ -Delocalization. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2360-2364.	13.8	48
100	Calorimetric and Computational Study of Sulfur-Containing Six-Membered Rings. <i>ChemInform</i> , 2005, 36, no.	0.0	0
101	β^2 -Amino Acids in Natural Products. , 2005, , 19-91.		31
102	Enantioselective Synthesis of β^2 -Amino Acids via Stereoselective Hydrogenation of β^2 -Aminoacrylic Acid Derivatives. , 2005, , 159-179.		5
103	Calorimetric and computational study of sulfur-containing six-membered rings. <i>Chemical Society Reviews</i> , 2005, 34, 347.	38.1	35
104	An electrochemical interpretation of the mechanism of the chemical decarboxylation of 6-carboxyperhydropyrimidin-4-ones. <i>Tetrahedron</i> , 2004, 60, 3605-3610.	1.9	7
105	cis- and trans-N-(Benzylsulfinyl)hexahydrobenzoxazolidin-2-ones as novel chiral sulfinyl transfer reagents. <i>Tetrahedron</i> , 2004, 60, 12147-12152.	1.9	9
106	Diastereoselective Electrophilic Amination of Chiral 1-Benzoyl-2,3,5,6-tetrahydro-3-methyl-2-(1-methylethyl)pyrimidin-4(1H)-one for the Asymmetric Syntheses of β^2 -Substituted β^2 -Diaminopropanoic Acids. <i>Helvetica Chimica Acta</i> , 2004, 87, 1016-1024.	1.6	28
107	Calorimetric and Computational Study of 1,3-Dithiacyclohexane 1,1-Dioxide (1,3-Dithiane Sulfone). <i>Journal of Organic Chemistry</i> , 2004, 69, 1670-1675.	3.2	18
108	Thermochemistry of 1,3-Dithiacyclohexane 1-Oxide (1,3-Dithiane Sulfoxide): A Calorimetric and Computational Study. <i>Journal of Organic Chemistry</i> , 2004, 69, 5454-5459.	3.2	28

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109	Salt Effects on the Conformational Behavior of 5-Carboxy- and 5-Hydroxy-1,3-dioxane. <i>Journal of Organic Chemistry</i> , 2004, 69, 9063-9072.	3.2	6
110	Manifestation of Stereoelectronic Effects on the Calculated Carbon-Hydrogen Bond Lengths and One-Bond ¹ J _{C-H} NMR Coupling Constants. Relative Acceptor Ability of the Carbonyl (CO), Thiocarbonyl (CS), and Methylidene (C=CH ₂) Groups toward C-H Donor Bonds. <i>Journal of Organic Chemistry</i> , 2004, 69, 7266-7276.	3.2	29
111	Enantioselective Synthesis of β -Amino Acids. Part 13. Diastereoselective Alkylation of Dianions Derived from Chiral Analogues of β -Aminopropanoic Acid Containing the β -Phenylethyl Group.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
112	Enantioselective protonation of prochiral enolates in the asymmetric synthesis of (S)-naproxen. <i>Tetrahedron Letters</i> , 2003, 44, 2023-2026.	1.4	17
113	Enantioselective alkylation and protonation of prochiral enolates in the asymmetric synthesis of β -amino acids. <i>Tetrahedron</i> , 2003, 59, 4223-4229.	1.9	31
114	Alternative procedure for the synthesis of enantiopure 1-benzoyl-2(S)-tert-butyl-3-methylperhydropyrimidin-4-one, a useful starting material for the enantioselective synthesis of β -substituted β -amino acids. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 577-580.	1.8	15
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