Eusebio Juaristi

List of Publications by Year
in descending order

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192 papers	6,649 citations	70961 41 h-index	88477 70 g-index
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. European Journal of Organic Chemistry, 2021, 2021, 253-265.	1.2	7
2	Mechanoenzymology: State of the Art and Challenges towards Highly Sustainable Biocatalysis. ChemSusChem, 2021, 14, 2682-2688.	3.6	22
3	Recent developments in next generation (S)-proline-derived chiral organocatalysts. Tetrahedron, 2021, 88, 132143.	1.0	50
4	Proline and 1-(2-(benzoxazole-2-yl)phenyl)-3-phenylthiourea supramolecular organocatalyst in asymmetric aldol reactions. Tetrahedron Letters, 2021, 79, 153301.	0.7	2
5	Effect of the Substituent and Amino Group Position on the Lipaseâ€Catalyzed Resolution of Î³â€Amino Esters: A Molecular Docking Study Shedding Light on Candida antarctica lipase B Enantioselectivity. European Journal of Organic Chemistry, 2021, 2021, 4790-4802.	1.2	4
6	Î±â€Amino Acids and Î±,Î²â€Dipeptides Intercalated into Hydrotalcite: Efficient Catalysts in the Asymmetric Michael Addition Reaction of Aldehydes to Nâ€Substituted Maleimides. European Journal of Organic Chemistry, 2021, 2021, 5117-5126.	1.2	9
7	Thermal and Mechanical Stability of Immobilized Candida antarctica Lipase B: an Approximation to Mechanochemical Energetics in Enzyme Catalysis.. ChemCatChem, 2020, 12, 803-811.	1.8	16
8	Dual Mechanoenzymatic Kinetic Resolution of (Â±)â€Ketorolac. ChemCatChem, 2020, 12, 1782-1788.	1.8	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. Molecules, 2020, 25, 4532.	1.7	8
10	Preparation of aromatic Î³-hydroxyketones by means of Heck coupling of aryl halides and 2,3-dihydrofuran, catalyzed by a palladium(<scp>II</scp>) glycine complex under microwave irradiation. New Journal of Chemistry, 2020, 44, 13382-13392.	1.4	2
11	Novel Methodologies for Chemical Activation in Organic Synthesis under Solvent-Free Reaction Conditions. Molecules, 2020, 25, 3579.	1.7	42
12	Mechanochemical and Mechanoenzymatic Synthesis of Pharmacologically Active Compounds: A Green Perspective. ACS Sustainable Chemistry and Engineering, 2020, 8, 8881-8893.	3.2	125
13	Mechanochemically Activated Liebeskindâ€“Srogl (L-S) Cross-Coupling Reaction: Green Synthesis of meso-Substituted BODIPYs. Organometallics, 2020, 39, 2561-2564.	1.1	12
14	Green synthesis of bioactive oligopeptides promoted by recyclable nanocrystalline hydroxyapatite. Future Medicinal Chemistry, 2020, 12, 479-491.	1.1	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. Tetrahedron Letters, 2019, 60, 151128.	0.7	7
16	Synthesis of novel isoindolone derivatives via cascade reactions. Contrasting diastereoselectivity under solution-phase vis-a-vis solvent-free ball-milling reaction conditions. Tetrahedron, 2019, 75, 130594.	1.0	9
17	Biomimetic Non-Heme Iron-Catalyzed Epoxidation of Challenging Terminal Alkenes Using Aqueous H2O2 as an Environmentally Friendly Oxidant. Molecules, 2019, 24, 3182.	1.7	1
18	Recent applications of mechanochemistry in enantioselective synthesis. Tetrahedron Letters, 2019, 60, 1749-1757.	0.7	59

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19	Dendrimeric Î±,Î²-dipeptidic conjugates as organocatalysts in the asymmetric Michael addition reaction of isobutyraldehyde to N-phenylmaleimides. Monatshefte FÃ¼r Chemie, 2019, 150, 777-788.	0.9	6
20	Multifunctional phosphoramide-(S)-prolinamide derivatives as efficient organocatalysts in asymmetric aldol and Michael reactions. New Journal of Chemistry, 2019, 43, 5455-5465.	1.4	8
21	Optimized Methodologies in Asymmetric Organic Synthesis Applying Microwaves. Journal of the Mexican Chemical Society, 2019, 53, .	0.2	2
22	Stereoelectronic Interactions Exhibited by ¹J_{Câ€“H} One-Bond Coupling Constants and Examination of the Possible Existence of the Intramolecular Î±-Effect in Six-Membered Oxygen-Containing Heterocycles. Journal of Organic Chemistry, 2018, 83, 3293-3298.	1.7	11
23	(R)- and (S)-Proline-Derived Chiral Phosphoramides as OrganoÂcatalysts for the Enantiodivergent Aldol Reaction of Isatins with Cyclohexanone in the Presence of Water. Synthesis, 2018, 50, 1827-1840.	1.2	10
24	Synthesis of a New Nâ€Diaminophosphorylâ€Nâ€²â€[(2S)â€2â€pyrrolidinylmethyl]thiourea as a Chiral Organocatalyst for the Stereoselective Michael Addition of Cyclohexanone to Nitrostyrenes and Chalcones â€“ Application in Cascade Processes for the Synthesis of Polycyclic Systems. European Journal of Organic Chemistry, 2018, 2018, 6890-6900.	1.2	15
25	Mechanoenzymatic resolution of racemic chiral amines, a green technique for the synthesis of pharmaceutical building blocks. Tetrahedron, 2018, 74, 6453-6458.	1.0	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. Synthesis, 2018, 50, 3445-3459.	1.2	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 (Câ‰¡N:) Group Revealed by Natural Bond Orbital (NBO) Analysis. Journal of Organic Chemistry, 2018, 83, 10326-10333.	1.7	12
28	Chiral Imidazolium Ionic Liquids Derived from (S)â€Prolinamine as Organocatalysts in the Asymmetric Michael Reaction and Michaelâ€Aldol Cascade Reaction under Solventâ€Free Conditions. European Journal of Organic Chemistry, 2017, 2017, 2692-2697.	1.2	16
29	Improving the Catalytic Performance of (S)-Proline as Organocatalyst in Asymmetric Aldol Reactions in the Presence of Solvate Ionic Liquids: Involvement of a Supramolecular Aggregate. Organic Letters, 2017, 19, 1108-1111.	2.4	60
30	Asymmetric Michael addition reaction organocatalyzed by stereoisomeric pyrrolidine sulfinamides under neat conditions. A brief study of self-disproportionation of enantiomers. Tetrahedron, 2017, 73, 4707-4718.	1.0	23
31	Mechanochemical Synthesis of Dipeptides Using Mgâ€Al Hydrotalcite as Activating Agent under Solventâ€Free Reaction Conditions. European Journal of Organic Chemistry, 2017, 2017, 687-694.	1.2	37
32	(2S,4R)-Hyp-(S)-Phe-OMe dipeptide supported on imidazolium tagged molecules as recoverable organocatalysts for asymmetric aldol reactions using water as reaction medium. Tetrahedron, 2017, 73, 5373-5380.	1.0	13
33	Fundamental Developments of Chiral Phase Chromatography in Connection with Enantioselective Synthesis of Î²â€Amino Acids. Israel Journal of Chemistry, 2017, 57, 896-912.	1.0	3
34	Stereoelectronic Interactions as a Probe for the Existence of the Intramolecular Î±-Effect. Journal of the American Chemical Society, 2017, 139, 10799-10813.	6.6	66
35	Theoretical Evidence for the Relevance of n(S) â†' Ïƒ*(C-P), Ïƒ(C-S) â†' Ïƒ*(C-P), and n(F) â†' Ïƒ*(C-X) (X = H, C, O, S) Stereoelectronic Interactions. ACS Symposium Series, 2017, , 3-18.	0.5	1
36	Asymmetric Michael Addition Organocatalyzed by Î±,Î²-Dipeptides under Solvent-Free Reaction Conditions. Molecules, 2017, 22, 1328.	1.7	23

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37	One-Pot Lipase-Catalyzed Enantioselective Synthesis of (R)-(â^')-N-Benzyl-3-(benzylamino)butanamide: The Effect of Solvent Polarity on Enantioselectivity. Molecules, 2017, 22, 2189.	1.7	12
38	Mechanochemical enzymatic resolution of N-benzylated-Î²3-amino esters. Beilstein Journal of Organic Chemistry, 2017, 13, 1728-1734.	1.3	50
39	Los lÃquidos iÃ³nicos como prometedores catalizadores en sÃntesis orgÃ¡nica: una contribuciÃ³n a la quÃmica sostenible. Revista Lasallista De Investigacion, 2017, 14, 171.	0.2	0
40	Integrin Ligands with Î±/Î²â€Hybrid Peptide Structure: Design, Bioactivity, and Conformational Aspects. Medicinal Research Reviews, 2016, 36, 389-424.	5.0	27
41	The Diamino Analogues of Privileged Coreyâ€"Bakshiâ€"Shibata and JÃ¸rgensenâ€"Hayashi Catalysts: A Comparison of Their Performance. Synthesis, 2016, 48, 3890-3906.	1.2	14
42	Synthesis of Ugi 4â€CR and Passerini 3â€CR Adducts under Mechanochemical Activation. European Journal of Organic Chemistry, 2016, 2016, 1095-1102.	1.2	54
43	In search of diamine analogs of the Î±,Î±-diphenyl prolinol privileged chiral organocatalyst. Synthesis of diamine derivatives of Î±,Î±-diphenyl-(S)-prolinol and their application as organocatalysts in the asymmetric Michael and Mannich reactions. Tetrahedron, 2016, 72, 379-391.	1.0	21
44	Theoretical Evidence for the Relevance of n(F) â†' Ïƒ*(Câ€"X) (X = H, C, O, S) Stereoelectronic Interactions. Journal of Organic Chemistry, 2016, 81, 1192-1197.	1.7	26
45	Organocatalytic activity of Î±,Î±-dipeptide derivatives of (S)-proline in the asymmetric aldol reaction in absence of solvent. Evidence for non-covalent Ï€â€"Ï€ interactions in the transition state. Tetrahedron Letters, 2015, 56, 1144-1148.	0.7	47
46	Theoretical Examination of the Sâ€"Câ€"P Anomeric Effect. Journal of Organic Chemistry, 2015, 80, 2879-2883.	1.7	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. Asymmetric Catalysis, 2015, 2, .	0.2	4
48	Structural features of N-benzylated-Î²-amino acid methyl esters essential for enantiodifferentiation by lipase B from Candida antarctica in hydrolytic reactions. Tetrahedron: Asymmetry, 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. Tetrahedron Letters, 2015, 56, 6047-6051.	0.7	17
50	Synthesis and Evaluation of (S)â€Prolineâ€Containing Î±,Î²â€Dipeptides as Organocatalysts in Solventâ€Free Asymmetric Aldol Reactions Under Ballâ€Milling Conditions. Asian Journal of Organic Chemistry, 2015, 4, 46-53.	1.3	47
51	transâ€Hexahydrobenzoxazolidinones in the Enantioselective Synthesis of Î²²â€Amino Acids Containing Proteinogenic Side Chains. European Journal of Organic Chemistry, 2014, 2014, 2275-2283.	1.2	4
52	An Alternative Synthesis of Chiral (S)â€Proline Derivatives that Contain a Thiohydantoin Moiety and Their Application as Organocatalysts in the Asymmetric Michael Addition Reaction under Solventâ€Free Conditions.. Asian Journal of Organic Chemistry, 2014, 3, 487-496.	1.3	23
53	Convenient Synthesis of the Antibiotic Linezolid via an Oxazolidineâ€2,4â€dione Intermediate Derived from the Chiral Building Block Isoserine. European Journal of Organic Chemistry, 2014, 2014, 7614-7620.	1.2	16
54	Enantiopure 1,2,3-Triazolyl-β-amino Acids via Click Cycloaddition Reaction on Racemic Alkynyl Precursors Followed by Separation of Stereoisomers. Current Topics in Medicinal Chemistry, 2014, 14, 1257-1270.	1.0	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. Journal of Inorganic Biochemistry, 2013, 126, 104-110.	1.5	4
56	Computational reexamination of the eclipsed conformation in cis-2-tert-butyl-5-(tert-butylsulfonyl)-1,3-dioxane. Structural Chemistry, 2013, 24, 1855-1862.	1.0	8
57	Stereoselective Synthesis of Chiral Pyrrolidine Derivatives of (+)-Î±-Pinene Containing a Î²-Amino Acid Moiety. Synthesis, 2013, 45, 2458-2468.	1.2	11
58	Asymmetric Allylation of Î±â€Ketoesterâ€Derived Nâ€Benzoylhydrazones Promoted by Chiral Sulfoxides/Nâ€Oxides Lewis Bases: Highly Enantioselective Synthesis of Quaternary Î±â€Substituted Î±â€Allylâ€Î±â€Amino Acids. Chirality, 2013, 25, 529-540.	1.3	7
59	Solution-phase synthesis of novel seven-membered cyclic dipeptides containing Î±- and Î²-amino acids. Tetrahedron, 2012, 68, 9842-9852.	1.0	9
60	Asymmetric Synthesis of Î²²â€homoâ€tertâ€Leucine via Radical Addition to Enantiopure Nâ€Fumaroylhexahydrobenzooxazolidinâ€2â€one. Helvetica Chimica Acta, 2012, 95, 1714-1722.	1.0	2
61	The best of physical organic chemistry in Riviera Maya, MÃ©xico, November 20-24, 2011. Journal of Physical Organic Chemistry, 2012, 25, 892-893.	0.9	0
62	Synthesis of Versatile Bifunctional Derivatives of Chiral Diamines Obtained through Anchimerically Assisted Nucleophilic Substitution Reactions on Diastereomeric Phenylprolinols. Heterocycles, 2012, 86, 1275.	0.4	12
63	Anomeric Effect in Saturated Heterocyclic Ring Systems. Advances in Heterocyclic Chemistry, 2012, 105, 189-222.	0.9	26
64	Looking for Treasure in Stereochemistry-Land. A Path Marked by Curiosity, Obstinacy, and Serendipity. Journal of Organic Chemistry, 2012, 77, 4861-4884.	1.7	17
65	Recent efforts directed to the development of more sustainable asymmetric organocatalysis. Chemical Communications, 2012, 48, 5396.	2.2	237
66	Solvent-free asymmetric aldol reaction organocatalyzed by (S)-proline-containing thiodipeptides under ball-milling conditions. Tetrahedron, 2012, 68, 92-97.	1.0	119
67	Asymmetric Aldol Reaction Organocatalyzed by (S)-Proline-Containing Dipeptides: Improved Stereoinduction under Solvent-Free Conditions. Journal of Organic Chemistry, 2011, 76, 1464-1467.	1.7	166
68	Functionalization of 2-(S)-isopropyl-5-iodo-pyrimidin-4-ones through Cu(I)-mediated 1,3-dipolar azideâ€“alkyne cycloadditions. Tetrahedron Letters, 2011, 52, 6883-6886.	0.7	7
69	Efficient ball-mill procedure in the â€˜greenâ€™ asymmetric aldol reaction organocatalyzed by (S)-proline-containing dipeptides in the presence of water. Tetrahedron, 2011, 67, 6953-6959.	1.0	94
70	Synthesis of (2S)-isopropyl-5-alkynylpyrimidin-2-ones: precursors of Î²-aminoacids. Tetrahedron Letters, 2011, 52, 1014-1019.	0.7	2
71	Functionalization of (2S)â€Isopropylâ€5â€iodoâ€2,3â€dihydroâ€4(H)â€pyrimidinâ€4â€ones by a Suzukiâ€“Miyaura Crossâ€Coupling Reaction Using Aryltrifluoroborate Salts: Convenient Enantioselective Preparation of Î±â€Substituted Î²â€Amino Acids. European Journal of Organic Chemistry, 2010, 2010, 6393-6403.	1.2	8
72	Green Synthesis of Î±,Î²- and Î²,Î²-Dipeptides under Solvent-Free Conditions. Journal of Organic Chemistry, 2010, 75, 7107-7111.	1.7	110

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73	Experimental and Computational Thermochemical Study of Sulfur-Containing Amino Acids: <scp>l</scp>-Cysteine, <scp>l</scp>-Cystine, and <scp>l</scp>-Cysteine-Derived Radicals. Sâ^'S, Sâ^'H, and Câ^'S Bond Dissociation Enthalpies. Journal of Physical Chemistry B, 2010, 114, 10530-10540.	1.2	46
74	Biostable Î²-amino acid PK/PBAN analogs: Agonist and antagonist properties. Peptides, 2009, 30, 608-615.	1.2	18
75	Solid phase synthesis of novel Î±/Î²â€tetrapeptides, electrospray ionization mass spectrometric evaluation of their metal cation complexation behavior, and conformational analysis using density functional theory (DFT). Journal of Physical Organic Chemistry, 2008, 21, 349-358.	0.9	9
76	Synthesis of Novel Derivatives of (1S,4S)â€2,5â€Diazabicyclo[2.2.1]heptane and Their Evaluation as Potential Ligands in Asymmetric Catalysis. European Journal of Organic Chemistry, 2008, 2008, 655-672.	1.2	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. Tetrahedron, 2008, 64, 9992-9998.	1.0	37
78	Enantioselective synthesis of beta-amino acids using hexahydrobenzoxazolidinones as chiral auxiliaries. Tetrahedron: Asymmetry, 2008, 19, 2839-2849.	1.8	15
79	Synthesis of Novel Chiral (Thio)ureas and Their Application as Organocatalysts and Ligands in Asymmetric Synthesis. Australian Journal of Chemistry, 2008, 61, 364.	0.5	17
80	Identification of selective and non-selective, biostable Î²-amino acid agonists of recombinant insect kinin receptors from the southern cattle tick Boophilus microplus and mosquito Aedes aegypti. Peptides, 2008, 29, 302-309.	1.2	21
81	Synergy Between Theory and Experiment in Physical Chemistry: Studies on Thermochemistry, Sites of Ionization and Reaction Mechanisms. AIP Conference Proceedings, 2008, , .	0.3	0
82	Application of (1S,4S)-2,5-diazabicyclo[2.2.1]heptane derivatives in asymmetric organocatalysis: the Biginelli reaction. Arkivoc, 2008, 2008, 61-72.	0.3	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 Î±-Substituted Î²-Amino Acids. Journal of Organic Chemistry, 2007, 72, 4822-4825.	1.7	37
84	Enantioselective Amination of Î±-Phenyl-Î±-cyanoacetate Catalyzed by Chiral Amines Incorporating the Î±-Phenylethyl Auxiliary. Journal of Organic Chemistry, 2007, 72, 1522-1525.	1.7	41
85	Calorimetric and Computational Study of 1,3- and 1,4-Oxathiane Sulfones. Journal of Organic Chemistry, 2007, 72, 1143-1147.	1.7	19
86	Manifestations of Stereoelectronic Interactions in 1JCâ€"H One-Bond Coupling Constants. Accounts of Chemical Research, 2007, 40, 961-970.	7.6	49
87	Î²-amino acid analogs of an insect neuropeptide feature potent bioactivity and resistance to peptidase hydrolysis. Biopolymers, 2007, 88, 76-82.	1.2	45
88	Structurally simple chiral thioureas as chiral solvating agents in the enantiodiscrimination of Î±-hydroxy and Î±-amino carboxylic acids. Tetrahedron, 2007, 63, 7673-7678.	1.0	48
89	Preparation of chiral derivatives of Î²-Ala containing the Î±-phenylethyl group: useful starting materials for the asymmetric synthesis of Î²-amino acids. Nature Protocols, 2007, 2, 2759-2766.	5.5	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 1JC-H Coupling Constants. Journal of Physical Chemistry A, 2006, 110, 7703-7712.	1.1	22

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91	Calorimetric and Computational Study of 1,4-Dithiacyclohexane 1,1-Dioxide (1,4-Dithiane Sulfone). Journal of Organic Chemistry, 2006, 71, 2581-2586.	1.7	13
92	Thermophysical properties of sulfur heterocycles: Thiane and thiophene derivatives. Thermochimica Acta, 2006, 441, 20-26.	1.2	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. Tetrahedron, 2006, 62, 9404-9409.	1.0	17
94	Asymmetric allylation of N-benzoylhydrazones promoted by novel C2-symmetric bis-sulfoxide organocatalysts. Tetrahedron Letters, 2006, 47, 8235-8238.	0.7	43
95	Chiral 1,2-Amino Alcohols and 1,2-Diamines Derived from Cyclohexene Oxide: Recent Applications in Asymmetric Synthesis. Synlett, 2006, 2006, 2699-2715.	1.0	94
96	Diastereoselective alkylation of cyclo-Î²-dipeptides en route to enantiopure Î²-amino acids. Pure and Applied Chemistry, 2005, 77, 1235-1241.	0.9	8
97	Corrigendum to â€œEnantioselective alkylation and protonation of prochiral enolates in the asymmetric synthesis of Î²-amino acidsâ€•[Tetrahedron 59 (2003) 4223]. Tetrahedron, 2005, 61, 4329-4333.	1.0	4
98	Preparation of both enantiomers of Î²2-(3,4-dihydroxybenzyl)-Î²-alanine, higher homologues of Dopa. Tetrahedron, 2005, 61, 8372-8381.	1.0	8
99	The Origin of One-Bond C-H Coupling Constants in OCH Fragments: Not Primarily nOâ†'${{m sigma}{ast hfill atop {m CH}hfill}}}$ Delocalization. Angewandte Chemie - International Edition, 2005, 44, 2360-2364.	7.2	48
100	Calorimetric and Computational Study of Sulfur-Containing Six-Membered Rings. ChemInform, 2005, 36, no.	0.1	0
101	Î²-Amino Acids in Natural Products. , 2005, , 19-91.		31
102	Enantioselective Synthesis of Î²-Amino Acids via Stereoselective Hydrogenation of Î²-Aminoacrylic Acid Derivatives. , 2005, , 159-179.		5
103	Calorimetric and computational study of sulfur-containing six-membered rings. Chemical Society Reviews, 2005, 34, 347.	18.7	35
104	An electrochemical interpretation of the mechanism of the chemical decarboxylation of 6-carboxyperhydropyrimidin-4-ones. Tetrahedron, 2004, 60, 3605-3610.	1.0	7
105	cis- and trans-N-(Benzylsulfinyl)hexahydrobenzoxazolidin-2-ones as novel chiral sulfinyl transfer reagents. Tetrahedron, 2004, 60, 12147-12152.	1.0	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 ofÎ±-SubstitutedÎ±,Î²-Diaminopropanoic Acids. Helvetica Chimica Acta, 2004, 87, 1016-1024.	1.0	28
107	Calorimetric and Computational Study of 1,3-Dithiacyclohexane 1,1-Dioxide (1,3-Dithiane Sulfone). Journal of Organic Chemistry, 2004, 69, 1670-1675.	1.7	18
108	Thermochemistry of 1,3-Dithiacyclohexane 1-Oxide (1,3-Dithiane Sulfoxide):Â Calorimetric and Computational Study. Journal of Organic Chemistry, 2004, 69, 5454-5459.	1.7	28

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109	Salt Effects on the Conformational Behavior of 5-Carboxy- and 5-Hydroxy-1,3-dioxane1. Journal of Organic Chemistry, 2004, 69, 9063-9072.	1.7	6
110	Manifestation of Stereoelectronic Effects on the Calculated Carbonâ˜Hydrogen Bond Lengths and One-Bond 1JC-H NMR Coupling Constants. Relative Acceptor Ability of the Carbonyl (CO), Thiocarbonyl (CS), and Methylidene (CCH2) Groups toward Câ˜H Donor Bonds. Journal of Organic Chemistry, 2004, 69, 7266-7276.	1.7	29
111	Enantioselective Synthesis of Î²-Amino Acids. Part 13. Diastereoselective Alkylation of Dianions Derived from Chiral Analogues of Î²-Aminopropanoic Acid Containing the Î±-Phenylethyl Group.. ChemInform, 2003, 34, no.	0.1	0
112	Enantioselective protonation of prochiral enolates in the asymmetric synthesis of (S)-naproxen. Tetrahedron Letters, 2003, 44, 2023-2026.	0.7	17
113	Enantioselective alkylation and protonation of prochiral enolates in the asymmetric synthesis of Î²-amino acids. Tetrahedron, 2003, 59, 4223-4229.	1.0	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 Î±-substituted Î²-amino acids. Tetrahedron: Asymmetry, 2003, 14, 577-580.	1.8	15
115	Calorimetric and Computational Study of Thiacyclohexane 1-Oxide and Thiacyclohexane 1,1-Dioxide (Thiane Sulfoxide and Thiane Sulfone). Enthalpies of Formation and the Energy of the SO Bond. Journal of Organic Chemistry, 2003, 68, 1762-1770.	1.7	28
116	Increased Enantioselectivity in the Addition of Diethylzinc to Benzaldehyde by the Use of Chiral Ligands Containing the Î±-Phenylethylamino Group in Combination with Achiral Ligands. Journal of Organic Chemistry, 2003, 68, 3781-3785.	1.7	8
117	Molecular Modeling of Salt (Lithium Chloride) Effects on the Enantioselectivity of Diethylzinc Addition to Benzaldehyde in the Presence of Chiral Î²-Amino Alcohols. Journal of Organic Chemistry, 2003, 68, 2369-2375.	1.7	27
118	Asymmetric Michael Addition Reactions with Chiral Î±Î²-Unsaturated N-Acyloxazolidinones. , 2003, , 288.		0
119	Manifestation of Stereoelectronic Effects on the Calculated Carbonâ˜Hydrogen Bond Lengths and One Bond1JC-HNMR Coupling Constants in Cyclohexane, Six-Membered Heterocycles, and Cyclohexanone Derivatives. Journal of the American Chemical Society, 2002, 124, 13088-13096.	6.6	92
120	Preparation of (R)- and (S)-Î±-methyldopa from a chiral hydantoin containing the Î±-phenylethyl group. Chirality, 2002, 14, 144-150.	1.3	13
121	Enantioselective Synthesis of -Amino Acids, Partâ€...13. Helvetica Chimica Acta, 2002, 85, 4189-4199.	1.0	20
122	Computational determination of the enthalpic and entropic contributions to the conformational preference of monosubstituted cyclohexanes. Molecular mechanics, semiempirical and density functional theory methods andab initiocalculations. Journal of Physical Organic Chemistry, 2002, 15, 808-819.	0.9	7
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