

Celia Andres

List of Publications by Year in descending order

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61
papers

1,201
citations

279798

23
h-index

454955

30
g-index

80
all docs

80
docs citations

80
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Straightforward Synthesis of Enantiopure Tetrahydroisoquinoline Alkaloids. <i>Journal of Organic Chemistry</i> , 2001, 66, 243-250.	3.2	57
2	Diastereoselective Tandem 6-exo Carbolithiation Intramolecular Ring Opening in ($\hat{\alpha}$)-8-Aminomenthol-Derived Perhydrobenzoxazines. A New Synthesis of Enantiopure 4-Substituted Tetrahydro Isoquinolines and 2-Azabenzonornornanes. <i>Journal of the American Chemical Society</i> , 2001, 123, 1817-1821.	13.7	54
3	Diastereoselective Synthesis of Enantiopure Morpholines by Electrophilic Selenium-Induced 6-exoCyclizations on Chiral 3-Allyl-2-hydroxymethylperhydro-1,3-benzoxazine Derivatives. <i>Journal of Organic Chemistry</i> , 2006, 71, 8854-8863.	3.2	47
4	Synthesis of Enantiopure Primary Amines by Stereoselective Ring Opening of Chiral Octahydro-1,3-benzoxazines by Grignard and Organoaluminum Reagents. <i>Journal of Organic Chemistry</i> , 1996, 61, 4130-4135.	3.2	45
5	Synthesis of the novel chiral 1,3-amino alcohol 8-N,N-bis(ferrocenylmethyl)amino-menthol and its use as catalyst in the enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 5-8.	1.8	39
6	Stereoselective ring opening of chiral oxazolidines by reformatsky reagents: an enantioselective entry to $\hat{\beta}$ -amino esters.. <i>Tetrahedron Letters</i> , 1992, 33, 2895-2898.	1.4	36
7	A Novel Approach to Chiral, Nonracemic Pyrrolidines by 5-exo-trig Diastereoselective Radical Cyclization on Acrylamides Derived from ($\hat{\alpha}$)-8-Aminomenthol. <i>Journal of Organic Chemistry</i> , 1999, 64, 4282-4288.	3.2	33
8	Regio- and Stereoselective 5-exoRadical Cyclizations on a Chiral Perhydro-1,3-benzoxazine Moiety. An Access to Enantiopure 3-Alkylpyrrolidines. <i>Journal of Organic Chemistry</i> , 1999, 64, 4273-4281.	3.2	32
9	Diastereoselective Yang Photocyclization Reactions in Solution. Synthesis of Enantiopure Azetidin-3-ol Derivatives. <i>Journal of Organic Chemistry</i> , 2005, 70, 1408-1416.	3.2	32
10	Stereocontrolled IMDA Reaction of Styrene Derivatives. A Way to Enantiopure 3a,4,9,9a-Tetrahydrobenz[f]isoindolines. <i>Journal of Organic Chemistry</i> , 2002, 67, 782-789.	3.2	31
11	Perhydro-1,3-benzoxazines derived from ($\hat{\alpha}$)-8-aminomenthol as ligands for the catalytic enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2230-2237.	1.8	31
12	Diastereoselective intramolecular Diels-Alder reaction of the furan diene. A facile access to enantiopure epoxy tetrahydroisoindolines. <i>Tetrahedron Letters</i> , 1997, 38, 1463-1466.	1.4	30
13	Diastereoselective Ring Opening of 2-SubstitutedN-Benzyl-4,4,7-trimethyl-trans-octahydro-1,3-benzoxazines by Grignard Reagents. Highly Enantioselective Synthesis of Primary Amines. <i>Synlett</i> , 1990, 1990, 763-765.	1.8	29
14	A Novel Synthesis of Enantiopure Octahydropyrrolo[3,4-b]pyrroles by Intramolecular [3 + 2] Dipolar Cycloaddition on Chiral Perhydro-1,3-benzoxazines. <i>Organic Letters</i> , 2002, 4, 2513-2516.	4.6	29
15	Highly Homogeneous Stereocontrolled Construction of Quaternary Hydroxyesters by Addition of Dimethylzinc to $\hat{\alpha}$ -Ketoesters Promoted by Chiral Perhydrobenzoxazines and B(OEt) ₃ . <i>Chemistry - A European Journal</i> , 2012, 18, 4375-4379.	3.3	28
16	Synthesis of Enantiopure Highly Substitutedtrans-8a-Hydroxydecahydroisoquinolines by Sequential Diastereoselective IMDA Reaction and Oxanornbornene Nucleophilic Ring Opening. <i>Journal of Organic Chemistry</i> , 1998, 63, 8570-8573.	3.2	27
17	A new chiral glycine synthon. Synthesis, x-ray structure of ($\hat{\alpha}$).(2S,4R)-2-ethoxycarbonyl-4-phenyl-1,3-oxazolidine and diastereoselective nucleophilic ring opening to (R)-ethyl $\hat{\beta}$ -amino carboxylates.. <i>Tetrahedron Letters</i> , 1992, 33, 4743-4746.	1.4	26
18	Thermal and Lewis Acid Catalyzed Diastereoselective Intramolecular Diels-Alder Reaction on $\hat{\beta}$, $\hat{\beta}$ -Unsaturated Amides Derived from ($\hat{\alpha}$)-8-Aminomenthol. <i>Journal of Organic Chemistry</i> , 1999, 64, 5230-5236.	3.2	25

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19	Regio- and stereoselective 6- exo - trig radical cyclisations onto chiral perhydro-1,3-benzoxazines: synthesis of enantiopure 3-alkylpiperidines. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2809-2821.	1.8	25
20	A Short Diastereoselective Synthesis of Enantiopure Highly Substituted Tetrahydroepoxyisoindolines. <i>Journal of Organic Chemistry</i> , 2000, 65, 831-839.	3.2	25
21	Synthesis of Enantiopure 3-Azabicyclo[3.2.0]heptanes by Diastereoselective Intramolecular [2+2] Photocycloaddition Reactions on Chiral Perhydro-1,3-benzoxazines. <i>Journal of Organic Chemistry</i> , 2003, 68, 4923-4931.	3.2	25
22	The reaction of α -aminoenones with substituted acetonitriles. Regiospecific synthesis of 2(1H)-pyridones. <i>Journal of Heterocyclic Chemistry</i> , 1987, 24, 709-713.	2.6	24
23	Asymmetric additive-free aryl addition to aldehydes using perhydrobenzoxazines as ligands and boroxins as aryl source. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6691.	2.8	24
24	Temperature- and Time-Dependent Stereochemical Control in Thermally Induced Keto \rightarrow Ene Cyclizations. <i>Journal of Organic Chemistry</i> , 2003, 68, 1852-1858.	3.2	23
25	Diastereoselective Intramolecular Alder \rightarrow Ene Reaction on Chiral Perhydro-1,3-benzoxazines. A Rapid Entry to Enantiopure cis-3,4-Disubstituted Pyrrolidines. <i>Journal of Organic Chemistry</i> , 2005, 70, 4332-4337.	3.2	23
26	Enantiocontrolled Synthesis of Tertiary α -Hydroxy β -Cynyl Esters by Dimethylzinc-Mediated Addition of Alkynes to α -Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2797-2804.	4.3	22
27	Regiospecific synthesis of α -arylpyrazoles. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 1575-1576.	2.6	19
28	Sequential Diastereoselective Addition of Allylic and Homoallylic Grignard Reagents to 2-Acyl-perhydro-1,3-benzoxazines and Ring-Closing Metathesis: an Asymmetric Route to Azepin-3-ol and Azocin-3-ol Derivatives. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2449-2458.	2.4	19
29	Lewis acid mediated diastereoselective keto-ene cyclization on chiral perhydro-1,3-benzoxazines: synthesis of enantiopure cis-3,4-disubstituted 3-hydroxypyrrolidines. <i>Tetrahedron</i> , 2009, 65, 9728-9736.	1.9	19
30	Cyanogen Bromide as a Useful Brominating Agent, Synthesis of α -Bromo- β -Aminoenones. <i>Synthetic Communications</i> , 1986, 16, 1161-1165.	2.1	18
31	Regio- and Stereocontrolled Nucleophilic Ring Opening of Chiral Oxazolidines by Diethylaluminum Cyanide. A Short and Efficient Route to Enantiomerically Enriched α -Amino Esters. <i>Synlett</i> , 1992, 1992, 45-47.	1.8	17
32	Diastereoselective 5-exo-trig radical cyclisation on N-Acryloyl-tetrahydro-1,3-oxazines. A novel approach to enantiopure 3-substituted pyrrolidines. <i>Tetrahedron Letters</i> , 1996, 37, 9085-9086.	1.4	17
33	Synthesis of enantiopure mono- and disubstituted tetrahydroisoquinolines by 6-exo radical cyclizations. <i>Tetrahedron</i> , 2001, 57, 4005-4014.	1.9	17
34	Regio- and diastereoselective tandem addition \rightarrow carbocyclization promoted by sulfanyl radicals on chiral perhydro-1,3-benzoxazines. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2985-2990.	1.8	17
35	A novel highly diastereoselective synthesis of cyano ethers by regioselective ring opening of chiral oxazolidinium methiodides with sodium cyanide. <i>Tetrahedron Letters</i> , 1993, 34, 8325-8328.	1.4	16
36	Synthesis of enantiopure 3-alkyl-perhydroazepines by diastereoselective 7-endo-radical cyclisation on a chiral 1,3-perhydrobenzoxazine derivative. <i>Tetrahedron Letters</i> , 1999, 40, 2421-2424.	1.4	16

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37	The Reaction of \hat{I}^2 -Aminoenones with Cyanamide. A High Efficient Synthesis of 2-Aminopyrimidines. <i>Synthetic Communications</i> , 1987, 17, 1309-1314.	2.1	15
38	1,4-Asymmetric Induction in Methoxyselenenylation of Double Bonds at the Nitrogen Side of Chiral Perhydro-1,3-benzoxazines Promoted by Nonbonded Se \hat{A} - \hat{A} -N Interactions. <i>Journal of Organic Chemistry</i> , 2006, 71, 5388-5391.	3.2	15
39	Regio- and Stereoselective Methoxyselenenylation of Chiral 2-Vinyl Perhydro-1,3-benzoxazines Promoted by Selenium-Heteroatom Nonbonded Interactions. <i>Journal of Organic Chemistry</i> , 2006, 71, 2424-2428.	3.2	15
40	An Efficient and Diastereoselective Intramolecular 1,3-Dipolar Cycloaddition of Cyclic Azomethine Ylides and Nitrones. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3259-3265.	2.4	15
41	7-endo selenocyclization reactions on chiral 3-prenyl and 3-cinnamyl-2-hydroxymethylperhydro-1,3-benzoxazine derivatives. A way to enantiopure 1,4-oxazepanes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9118-9126.	2.8	14
42	Regioselective Reductive Ring Cleavage of 3-Benzyltetrahydro-1,3-oxazines to 3-Dialkylaminopropanols and of 3-Benzyl-3-methyltetrahydro-1,3-oxazinium Iodides to Alkyl 3-Dialkylaminopropyl Ethers. <i>Synthesis</i> , 1990, 1990, 153-156.	2.3	12
43	Ring opening of 2H-pyrans promoted by organometallic reagents. Synthesis of dienic alcohols. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 2125-2128.	0.9	11
44	Nucleophilic Ring Opening of 3-Benzyl-1,3-oxazinanes by Reformatsky Reagents. A Synthesis of \hat{I}^2 -Amino Ester Derivatives. <i>Synthesis</i> , 1990, 1990, 1057-1058.	2.3	10
45	An Efficient Synthesis of 3- <i>tert</i> -Aminopropanol Derivatives by Regioselective Ring Opening of Tetrahydro-1,3-oxazines with Grignard Reagents. <i>Synthetic Communications</i> , 1990, 20, 1149-1158.	2.1	10
46	Reductive Ring Opening of Ephedrine and Pseudo-Ephedrine-Derived Oxazolidinium Methiodides by Sodium Borohydride. A Direct Access to New Chiral Amine-Borane Adducts. <i>Synthetic Communications</i> , 1992, 22, 829-839.	2.1	10
47	A Novel Case of Diastereoselection in 5-exo Radical Cyclization Promoted by Hydrogen Bonding. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 3727-3730.	2.4	10
48	Unexpected Stereoselective 6-exo versus 7-endo Aryl Radical Cyclisation Controlled by Positional Isomers in a Chiral Octahydro-1,3-benzoxazine Moiety. <i>Synlett</i> , 1997, 12, 1391-1392.	1.8	9
49	Tributyltin radical-induced addition \hat{e} carbocyclization on chiral perhydro-1,3-benzoxazines: a facile entry to enantiopure tin-containing auxiliaries. <i>Chemical Communications</i> , 1999, , 31-32.	4.1	8
50	Total Regio- and Stereoselective Synthesis of Perhydropyrrolo[3,4-c]pyrazole Derivatives by [3+2] Intramolecular Dipolar Cycloaddition Reaction on Chiral Perhydro-1,3-benzoxazines. <i>Synthesis</i> , 2003, 2003, 1457-1461.	2.3	8
51	Enantioselective Addition of Dimethylzinc to Aldehydes Catalyzed by a Chiral Perhydro-1,3-benzoxazine-Based Amino Alcohol as Ligand. <i>Synthesis</i> , 2012, 44, 1343-1348.	2.3	8
52	Dimethylzinc-Mediated Addition of Phenylacetylene to \hat{I}^{\pm} -Diketones Catalyzed by Chiral Perhydro-1,3-benzoxazines. <i>Organic Letters</i> , 2017, 19, 1516-1519.	4.6	8
53	Alkylation of 3,5-Dimethylisothiazole. A Regioselective Synthesis of S-Alkyl-3-methylisothiazoles. <i>Synthetic Communications</i> , 1990, 20, 617-624.	2.1	7
54	Enantioselective One \hat{e} Pot Catalytic Synthesis of 4,5 \hat{e} Epoxy \hat{e} alkanols and 1 \hat{e} Phenyl \hat{e} 2,3 \hat{e} Epoxy \hat{e} alkanols from \hat{I}^{\pm} \hat{e} Unsaturated Aldehydes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4863-4869.	2.4	5

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55	Tandem diastereo- and enantioselective preparation of aryl and alkyl cyclopropyl carbinols with three adjacent stereocenters using perhydrobenzoxazines and diethylzinc. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 345-354.	2.8	4
56	One-Pot synthesis of unsymmetrically substituted 2,4-dialkylisoflavenes. <i>Journal of Heterocyclic Chemistry</i> , 1986, 23, 1781-1783.	2.6	3
57	Synthesis of Enantiopure Oxygen- and Nitrogen-Containing Heterocycles by Diastereoselective Ring-Closing Metathesis Reaction in Perhydro-1,3-benzoxazine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1042-1063.	4.3	3
58	Unexpected Rearrangement in the Heck Cyclization of Positional Isomers of Chiral 2,3-Disubstituted Perhydro-1,3-benzoxazines. <i>Synlett</i> , 2002, 2002, 0259-0262.	1.8	2
59	Dimethylzinc-mediated enantioselective addition of terminal alkynes to 1,2-diketones using perhydro-1,3-benzoxazines as ligands. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3859-3867.	2.8	2
60	Sequential Diastereoselective Addition of Allylic and Homoallylic Grignard Reagents to 2-Acyl-perhydro-1,3-benzoxazines and Ring-Closing Metathesis: An Asymmetric Route to Azepin-3-ol and Azocin-3-ol Derivatives. <i>ChemInform</i> , 2005, 36, no.	0.0	0
61	A Novel Synthesis of Enantiopure Octahydropyrrolo[3,4-b]pyrroles by Intramolecular [3 + 2] Dipolar Cycloaddition on Chiral Perhydro-1,3-benzoxazines. <i>ChemInform</i> , 2002, 33, 149-149.	0.0	0