

JosÃ© Luis AceÃ±a

List of Publications by Year in descending order

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papers

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citations

101384

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120
all docs

120
docs citations

120
times ranked

7278
citing authors

#	ARTICLE	IF	CITATIONS
1	El sistema pHILIP como veh�culo de microRNA en el ri�n. Nefrologia, 2020, 40, 491-498.	0.2	2
2	A Study of Graphene-Based Copper Catalysts: Copper(I) Nanoplatelets for Batch and Continuous-Flow Applications. Chemistry - an Asian Journal, 2019, 14, 3011-3018.	1.7	9
3	Unexpected reactivity of graphene oxide with DBU and DMF. Journal of Materials Chemistry A, 2018, 6, 12637-12646.	5.2	12
4	Sustainable Synthesis of Oximes, Hydrazones, and Thiosemicarbazones under Mild Organocatalyzed Reaction Conditions. Journal of Organic Chemistry, 2016, 81, 10016-10022.	1.7	22
5	Small-Molecule Therapeutics for Ebola Virus (EBOV) Disease Treatment. European Journal of Organic Chemistry, 2016, 2016, 8-16.	1.2	34
6	Tailor-Made β -Amino Acids in the Pharmaceutical Industry: Synthetic Approaches to (1R,2S)-1-Amino-2-vinylcyclopropanecarboxylic Acid (Vinyl-ACCA). European Journal of Organic Chemistry, 2016, 2016, 2757-2774.	1.2	62
7	Next Generation of Fluorine-Containing Pharmaceuticals, Compounds Currently in Phase III Clinical Trials of Major Pharmaceutical Companies: New Structural Trends and Therapeutic Areas. Chemical Reviews, 2016, 116, 422-518.	23.0	2,030
8	Advanced asymmetric synthesis of (1R,2S)-1-amino-2-vinylcyclopropanecarboxylic acid by alkylation/cyclization of newly designed axially chiral Ni(II) complex of glycine Schiff base. Amino Acids, 2016, 48, 973-986.	1.2	34
9	Recent Progress in the in situ Detrifuoroacetylative Generation of Fluoro Enolates and Their Reactions with Electrophiles. European Journal of Organic Chemistry, 2015, 2015, 6401-6412.	1.2	66
10	Carbonyl group coordination preferences in square-planar NiII and PdII complexes of pentadentate ligands by electron-withdrawing/donating substituents. Inorganica Chimica Acta, 2015, 433, 3-12.	1.2	1
11	19G11 reverses endothelial dysfunction in rat and human arteries through stimulation of the PI3K/Akt/eNOS pathway, independently of mTOR/HIF-1 α activation. British Journal of Pharmacology, 2015, 172, 1277-1291.	2.7	22
12	Introducing a new radical trifluoromethylation reagent. Chemical Communications, 2015, 51, 5967-5970.	2.2	25
13	Asymmetric Carbon-Carbon Bond Formation under Solventless Conditions in Ball Mills. ChemCatChem, 2015, 7, 1265-1269.	1.8	47
14	Chemical Dynamic Thermodynamic Resolution and <i>S</i> / <i>R</i> Interconversion of Unprotected Unnatural Tailor-made β -Amino Acids. Journal of Organic Chemistry, 2015, 80, 9817-9830.	1.7	31
15	Asymmetric Synthesis of (2 <i>S</i> ,3 <i>S</i>)- β -(1-Oxoisoindolin-3-yl)glycines under Low-Basicity Kinetic Control. Journal of Organic Chemistry, 2015, 80, 11275-11280.	1.7	13
16	Asymmetric synthesis of β -(1-oxoisoindolin-3-yl)glycine: synthetic and mechanistic challenges. Chemical Communications, 2015, 51, 1624-1626.	2.2	30
17	A comprehensive examination of the self-disproportionation of enantiomers (SDE) of chiral amides via achiral, laboratory-routine, gravity-driven column chromatography. RSC Advances, 2015, 5, 2988-2993.	1.7	49
18	Asymmetric synthesis of (1R,2S)-1-amino-2-vinylcyclopropanecarboxylic acid by sequential SN2-SN2 ² dialkylation of (R)-N-(benzyl)proline-derived glycine Schiff base Ni(II) complex. RSC Advances, 2015, 5, 1051-1058.	1.7	27

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19	Synthesis of (2S,3S)-Î±-(trifluoromethyl)-Î±,Î±-diamino acid by Mannich addition of glycine Schiff base Ni(II) complexes to N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimine. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 67-72.	0.9	43
20	Biochemical quantitation of the eIF5A hypusination in <i>Arabidopsis thaliana</i> uncovers ABA-dependent regulation. <i>Frontiers in Plant Science</i> , 2014, 5, 202.	1.7	12
21	Design and synthesis of (S)- and (R)-Î±-(phenyl)ethylamine-derived NH-type ligands and their application for the chemical resolution of Î±-amino acids. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6239.	1.5	12
22	Inexpensive chemical method for preparation of enantiomerically pure phenylalanine. <i>Amino Acids</i> , 2014, 46, 945-952.	1.2	12
23	Chiral <i>N</i> -(H)-t-Bu and <i>N</i> -(H)-Ad Ni ^{II} Complexes of Glycine Schiff Bases: Deduction of a Mode of Kinetic Diastereoselectivity. <i>European Journal of Organic Chemistry</i> , 2014, 4309-4314.	1.2	9
24	Asymmetric Mannich reaction between (S)- <i>N</i> -(tert-butanesulfinyl)-3,3,3-trifluoroacetaldimine and malonic acid derivatives. Stereodivergent synthesis of (R)- and (S)-3-amino-4,4,4-trifluorobutanoic acids. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1454.	1.5	39
25	NH-type of chiral Ni(II) complexes of glycine Schiff base: design, structural evaluation, reactivity and synthetic applications. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1278.	1.5	37
26	Fluorine in Pharmaceutical Industry: Fluorine-Containing Drugs Introduced to the Market in the Last Decade (2001-2011). <i>Chemical Reviews</i> , 2014, 114, 2432-2506.	23.0	3,798
27	Recent advances in the trifluoromethylation methodology and new CF ₃ -containing drugs. <i>Journal of Fluorine Chemistry</i> , 2014, 167, 37-54.	0.9	383
28	Chemical Dynamic Kinetic Resolution and <i>S</i> / <i>R</i> -Interconversion of Unprotected Î±-Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12214-12217.	7.2	78
29	Asymmetric synthesis of Î±-amino acids via homologation of Ni(II) complexes of glycine Schiff bases. Part 3: Michael addition reactions and miscellaneous transformations. <i>Amino Acids</i> , 2014, 46, 2047-2073.	1.2	111
30	A general overview of the organocatalytic intramolecular aza-Michael reaction. <i>Chemical Society Reviews</i> , 2014, 43, 7430-7453.	18.7	165
31	The self-disproportionation of the enantiomers (SDE) of methyl <i>n</i> -pentyl sulfoxide via achiral, gravity-driven column chromatography: a case study. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4738.	1.5	32
32	Chemical Kinetic Resolution of Unprotected Î±-Substituted Î±-Amino Acids Using Recyclable Chiral Ligands. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7883-7886.	7.2	88
33	Asymmetric Synthesis of Î±-Amino Acids under Operationally Convenient Conditions. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2203-2208.	2.1	38
34	Synthesis and stereochemical assignments of diastereomeric Ni(II) complexes of glycine Schiff base with (R)-2-(N-{2-[N-alkyl-N-(1-phenylethyl)amino]acetyl}amino)benzophenone; a case of configurationally stable stereogenic nitrogen. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 442-448.	1.3	12
35	Synthesis of fluorine-containing Î±-amino acids in enantiomerically pure form via homologation of Ni(II) complexes of glycine and alanine Schiff bases. <i>Journal of Fluorine Chemistry</i> , 2013, 155, 21-38.	0.9	115
36	Asymmetric synthesis of Î±-amino acids via homologation of Ni(II) complexes of glycine Schiff bases; Part 1: alkyl halide alkylations. <i>Amino Acids</i> , 2013, 45, 691-718.	1.2	135

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37	Synthesis of polysubstituted $\hat{1}^2$ -amino cyclohexane carboxylic acids via Diels-Alder reaction using Ni(II)-complex stabilized $\hat{1}^2$ -alanine derived dienes. <i>Amino Acids</i> , 2013, 44, 791-796.	1.2	7
38	Asymmetric synthesis of $\hat{1}^{\pm}$ -amino acids via homologation of Ni(II) complexes of glycine Schiff bases. Part 2: Aldol, Mannich addition reactions, deracemization and (S) to (R) interconversion of $\hat{1}^{\pm}$ -amino acids. <i>Amino Acids</i> , 2013, 45, 1017-1033.	1.2	121
39	An Approach to 2,4-Substituted Pyrazolo[1,5-a]pyridines and Pyrazolo[1,5-a]azepines by Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7164-7174.	1.2	12
40	Synthesis of bis- $\hat{1}^{\pm}$ - $\hat{1}^{\pm}$ - $\hat{2}$ -amino acids through diastereoselective bis-alkylations of chiral Ni(ii)-complexes of glycine. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4508.	1.5	31
41	Unconventional preparation of racemic crystals of isopropyl 3,3,3-trifluoro-2-hydroxypropanoate and their unusual crystallographic structure: the ultimate preference for homochiral intermolecular interactions. <i>Chemical Communications</i> , 2013, 49, 373-375.	2.2	35
42	Recent advances in the synthesis of fluorinated aminophosphonates and aminophosphonic acids. <i>RSC Advances</i> , 2013, 3, 6693.	1.7	146
43	Optical Purifications via Self-Disproportionation of Enantiomers by Achiral Chromatography: Case Study of a Series of $\hat{1}^{\pm}$ -CF ₃ -containing Secondary Alcohols. <i>Chirality</i> , 2013, 25, 365-368.	1.3	82
44	Chemical deracemization and (S) to (R) interconversion of some fluorine-containing $\hat{1}^{\pm}$ -amino acids. <i>Journal of Fluorine Chemistry</i> , 2013, 152, 114-118.	0.9	44
45	Chemical approach for interconversion of (S)- and (R)- $\hat{1}^{\pm}$ -amino acids. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4503.	1.5	48
46	Self-Disproportionation of Enantiomers of Chiral, Non-Racemic Fluoroorganic Compounds: Role of Fluorine as Enabling Element. <i>Synthesis</i> , 2013, 45, 141-152.	1.2	69
47	Recent Advances in the Asymmetric Synthesis of $\hat{1}^{\pm}$ -(Trifluoromethyl)-Containing $\hat{1}^{\pm}$ -Amino Acids. <i>Synthesis</i> , 2012, 44, 1591-1602.	1.2	154
48	Alkylations of Chiral Nickel(II) Complexes of Glycine under Phase-Transfer Conditions. <i>Helvetica Chimica Acta</i> , 2012, 95, 2672-2679.	1.0	24
49	Design and synthesis of quasi-diastereomeric molecules with unchanging central, regenerating axial and switchable helical chirality via cleavage and formation of Ni(II)-O and Ni(II)-N coordination bonds. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1920-1928.	1.3	4
50	Stereoselective Access to Fluorinated and Non-fluorinated Quaternary Piperidines: Synthesis of Pipcolic Acid and Iminosugar Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 3753-3764.	1.7	26
51	Self-disproportionation of enantiomers of non-racemic chiral amine derivatives through achiral chromatography. <i>Tetrahedron</i> , 2012, 68, 4013-4017.	1.0	59
52	Synthetic and Biological Applications of Fluorous Reagents as Phase Tags. <i>Topics in Current Chemistry</i> , 2011, 308, 45-67.	4.0	8
53	Synthesis of Fluorinated $\hat{1}^2$ -Amino Acids. <i>Synthesis</i> , 2011, 2011, 3045-3079.	1.2	35
54	Recent Developments in the Synthesis of Fluorinated $\hat{1}^{\pm}$ -Amino Acids. <i>Current Organic Chemistry</i> , 2010, 14, 928-949.	0.9	72

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55	FM19G11, a New Hypoxia-inducible Factor (HIF) Modulator, Affects Stem Cell Differentiation Status. <i>Journal of Biological Chemistry</i> , 2010, 285, 1333-1342.	1.6	99
56	Diastereoselective Intramolecular Additions of Allyl- and Propargylsilanes to Iminium Ions: Synthesis of Cyclic and Bicyclic Quaternary Amino Acids. <i>Organic Letters</i> , 2010, 12, 3014-3017.	2.4	23
57	Nitrogen-Containing Organofluorine Derivatives: An Overview. <i>Synlett</i> , 2009, 2009, 525-549.	1.0	65
58	Organocatalytic <i>anti</i> -selective Mannich Reactions with Fluorinated Aldimines: Synthesis of <i>anti</i> - β -fluoroalkyl α -amino Alcohols. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5208-5214.	1.2	25
59	A new strategy for the synthesis of fluorinated 3,4-dihydropyrimidinones. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 1145-1150.	0.9	8
60	Fluorous TBAF: A Convenient and Selective Reagent for Fluoride-Mediated Deprotections. <i>Journal of Organic Chemistry</i> , 2009, 74, 6398-6401.	1.7	11
61	Cross-Metathesis Reactions as an Efficient Tool in the Synthesis of Fluorinated Cyclic β -Amino Acids. <i>Journal of Organic Chemistry</i> , 2009, 74, 3414-3423.	1.7	36
62	Straightforward Stereoselective Access to Cyclic Peptidomimetics. <i>Journal of Organic Chemistry</i> , 2009, 74, 4429-4432.	1.7	36
63	Tiratricol Neutralizes Bacterial Endotoxins and Reduces Lipopolysaccharide-Induced TNF α Production in the Cell. <i>Chemical Biology and Drug Design</i> , 2008, 72, 320-328.	1.5	3
64	An Efficient Entry to Optically Active <i>anti</i> - and <i>syn</i> - β -Amino- β -trifluoromethyl Alcohols. <i>Organic Letters</i> , 2008, 10, 605-608.	2.4	31
65	Nitrogen-Containing Organofluorine Compounds through Metathesis Reactions. <i>ACS Symposium Series</i> , 2007, , 54-68.	0.5	3
66	Assignment of Absolute Configuration on the Basis of the Conformational Effects Induced by Chiral Derivatizing Agents: The 2-Arylpyrrolidine Case. <i>Organic Letters</i> , 2007, 9, 4123-4126.	2.4	12
67	Asymmetric Synthesis of Fluorinated Cyclic β -Amino Acid Derivatives through Cross Metathesis. <i>Organic Letters</i> , 2007, 9, 1617-1617.	2.4	0
68	Asymmetric Synthesis of Fluorinated Cyclic β -Amino Acid Derivatives through Cross Metathesis. <i>Organic Letters</i> , 2006, 8, 4633-4636.	2.4	36
69	Role of the gem-Difluoro Moiety in the Tandem Ring-Closing Metathesis \rightarrow Olefin Isomerization: Regioselective Preparation of Unsaturated Lactams. <i>Journal of Organic Chemistry</i> , 2006, 71, 2706-2714.	1.7	82
70	Fluorous (Trimethylsilyl)ethanol: A New Reagent for Carboxylic Acid Tagging and Protection in Peptide Synthesis. <i>Journal of Organic Chemistry</i> , 2006, 71, 3299-3302.	1.7	43
71	First Fluorous Synthesis of Fluorinated Uracils. <i>QSAR and Combinatorial Science</i> , 2006, 25, 753-760.	1.5	17
72	New fluorinated 1,3-vinyllogous amidines as versatile intermediates: synthesis of fluorinated pyrimidin-2(1H)-ones. <i>Tetrahedron</i> , 2006, 62, 1444-1451.	1.0	11

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73	Synthesis and Biological Evaluation of New Bicyclic Fluorinated Uracils through Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2006, 71, 4010-4013.	1.7	20
74	The stereocontrolled total synthesis of altohyrtin A/spongistatin 1: fragment couplings, completion of the synthesis, analogue generation and biological evaluation. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2431.	1.5	42
75	The stereocontrolled total synthesis of altohyrtin A/spongistatin 1: the southern hemisphere EF segment. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2420.	1.5	36
76	Quantitative analysis of ES-285, an investigational marine anticancer drug, in human, mouse, rat, and dog plasma using coupled liquid chromatography and tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003, 38, 548-554.	0.7	10
77	Total Synthesis of (+)-Altohyrtin A/Spongistatin 1. Financial support was provided by the EPSRC (GR/L41646), Cambridge Commonwealth Trust (Scholarship to M.J.C.), EC (Marie Curie Tj ETQq1 1 0.784314 rgBT /Overlock (Postdoctoral Fellowship to R.M.O.), Churchill College (Research Fellowship to D.J.W.), Kingapos;s College and Sims Fund, Cambridge (Scholarship to D.Y.K.C.). We also thank Merck and AstraZeneca Pharmaceuticals for generous gifts. <i>Angewandte Chemie International Edition</i> , 2001, 40, 4055.	7.2	113
78	A new and expeditious entry to 7-oxabicyclo[3.2.1]octan-8-ol and 2-oxabicyclo[3.3.1]nonan-9-ol skeletons via intramolecular Michael additionâ€”SN2â€² ring opening of 7-oxabicyclic sulfones. <i>Tetrahedron Letters</i> , 2000, 41, 2549-2551.	0.7	2
79	Total Synthesis of (+)-7-Deoxypancratistatin from Furan. <i>Organic Letters</i> , 2000, 2, 3683-3686.	2.4	41
80	Unexpected One-Pot Epoxy Sulfoneâ€”Enaminone Transformation. Synthesis of 5a-Carba-Î²-mannopyranosylamine. <i>Journal of Organic Chemistry</i> , 2000, 65, 2580-2582.	1.7	16
81	Studies in Marine Polypropionate Synthesis:â€” Total Synthesis of (â€”)-Baconipyronone C. <i>Organic Letters</i> , 2000, 2, 1513-1516.	2.4	51
82	Total Syntheses of (Â±)-Cyclophellitol and (1R*,6S*)-Cyclophellitol. <i>Journal of Organic Chemistry</i> , 1997, 62, 3360-3364.	1.7	26
83	A convenient approach to the aminocyclitol fragment of pancratistatin from 7-oxanorbornenes. <i>Tetrahedron Letters</i> , 1996, 37, 105-106.	0.7	25
84	A stereodivergent synthesis of (Â±)-cyclophellitol and (1Râ€”,6Sâ€”)cyclophellitol from the 7-oxabicyclo-[2.2.1]hept-5-ene-2-endo-carboxylic acid. <i>Tetrahedron Letters</i> , 1996, 37, 3043-3044.	0.7	9
85	Total synthesis of (+)-pinitol. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 3535-3544.	1.8	15
86	Polypropionates from 7-oxanorbornene derivatives. A stereoselective and divergent synthesis of fragments with four contiguous chiral centers. <i>Tetrahedron Letters</i> , 1996, 37, 8957-8960.	0.7	14
87	A Stereodivergent Access to Naturally Occurring Aminocarba Sugars from (Phenylsulfonyl)-7-oxabicyclo[2.2.1]heptane Derivatives. Total Synthesis of Penta-N,O-Acetyl-(+,-)-Validamine and Its C1 and C2 Stereoisomers. <i>Journal of Organic Chemistry</i> , 1994, 59, 6419-6424.	1.7	39
88	Strain-directed bridge cleavage of (phenylsulfonyl)-7-oxabicyclo[2.2.1]heptane derivatives: application to the total synthesis of carba-Î±-DL-glucopyranose. <i>Journal of Organic Chemistry</i> , 1992, 57, 1945-1946.	1.7	40