JosÃ© Luis AceÃ±a

List of Publications by Year
in descending order

88 papers	9,701 citations	101543 36 h-index	43889 91 g-index
120 all docs	120 docs citations	120 times ranked	7278 citing authors

#	Article	IF	Citations
1	El sistema pHLIP como vehÃculo de microRNA en el riÃ±Ã³n. Nefrologia, 2020, 40, 491-498.	0.4	2
2	A Study of Grapheneâ€Based Copper Catalysts: Copper(I) Nanoplatelets for Batch and Continuousâ€Flow Applications. Chemistry - an Asian Journal, 2019, 14, 3011-3018.	3.3	9
3	Unexpected reactivity of graphene oxide with DBU and DMF. Journal of Materials Chemistry A, 2018, 6, 12637-12646.	10.3	12
4	Sustainable Synthesis of Oximes, Hydrazones, and Thiosemicarbazones under Mild Organocatalyzed Reaction Conditions. Journal of Organic Chemistry, 2016, 81, 10016-10022.	3.2	22
5	Smallâ€Molecule Therapeutics for Ebola Virus (EBOV) Disease Treatment. European Journal of Organic Chemistry, 2016, 2016, 8-16.	2.4	34
6	Tailorâ€Made Î±â€Amino Acids in the Pharmaceutical Industry: Synthetic Approaches to (1R,2S)â€1â€Aminoâ€2â€vinylcyclopropaneâ€1â€carboxylic Acid (Vinylâ€ACCA). European Journal of Organic Chemistry, 2016, 2016, 2757-2774.	2.4	62
7	Next Generation of Fluorine-Containing Pharmaceuticals, Compounds Currently in Phase IIâ€"III Clinical Trials of Major Pharmaceutical Companies: New Structural Trends and Therapeutic Areas. Chemical Reviews, 2016, 116, 422-518.	47.7	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.	2.7	34
9	Recent Progress in the in situ DetrifluoroÂacetylative Generation of Fluoro Enolates and Their Reactions with Electrophiles. European Journal of Organic Chemistry, 2015, 2015, 6401-6412.	2.4	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.	2.4	1
11	<scp>FM</scp>19<scp>G</scp>11 reverses endothelial dysfunction in rat and human arteries through stimulation of the <scp>PI3K/Akt/eNOS</scp> pathway, independently of <scp>mTOR</scp>/<scp>HIF</scp>â€Î± activation. British Journal of Pharmacology, 2015, 172, 1277-1291.	5.4	22
12	Introducing a new radical trifluoromethylation reagent. Chemical Communications, 2015, 51, 5967-5970.	4.1	25
13	Asymmetric Carbonâ€"Carbon Bond Formation under Solventless Conditions in Ball Mills. ChemCatChem, 2015, 7, 1265-1269.	3.7	47
14	Chemical Dynamic Thermodynamic Resolution and S/R Interconversion of Unprotected Unnatural Tailor-made Î±-Amino Acids. Journal of Organic Chemistry, 2015, 80, 9817-9830.	3.2	31
15	Asymmetric Synthesis of (2S,3S)-Î±-(1-Oxoisoindolin-3-yl)glycines under Low-Basicity â€œKineticâ€•Control. Journal of Organic Chemistry, 2015, 80, 11275-11280.	3.2	13
16	Asymmetric synthesis of Î±-(1-oxoisoindolin-3-yl)glycine: synthetic and mechanistic challenges. Chemical Communications, 2015, 51, 1624-1626.	4.1	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.	3.6	49
18	Asymmetric synthesis of (1R,2S)-1-amino-2-vinylcyclopropanecarboxylic acid by sequential SN2â€"SN2â€² dialkylation of (R)-N-(benzyl)proline-derived glycine Schiff base Ni(ii) complex. RSC Advances, 2015, 5, 1051-1058.	3.6	27

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19	Synthesis of (2S,3S)-Î²-(trifluoromethyl)-Î±,Î²-diamino acid by Mannich addition of glycine Schiff base Ni(II) complexes to N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimine. Journal of Fluorine Chemistry, 2015, 171, 67-72.	1.7	43
20	Biochemical quantitation of the eIF5A hypusination in Arabidopsis thaliana uncovers ABA-dependent regulation. Frontiers in Plant Science, 2014, 5, 202.	3.6	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. Organic and Biomolecular Chemistry, 2014, 12, 6239.	2.8	12
22	Inexpensive chemical method for preparation of enantiomerically pure phenylalanine. Amino Acids, 2014, 46, 945-952.	2.7	12
23	Chiral N(H)â€tBu and N(H)â€Ad Ni^{II} Complexes of Glycine Schiff Bases: Deduction of a Mode of Kinetic Diastereoselectivity. European Journal of Organic Chemistry, 2014, 2014, 4309-4314.	2.4	9
24	Asymmetric Mannich reaction between (S)-N-(tert-butanesulfinyl)-3,3,3-trifluoroacetaldimine and malonic acid derivatives. Stereodivergent synthesis of (R)- and (S)-3-amino-4,4,4-trifluorobutanoic acids. Organic and Biomolecular Chemistry, 2014, 12, 1454.	2.8	39
25	NH-type of chiral Ni(ii) complexes of glycine Schiff base: design, structural evaluation, reactivity and synthetic applications. Organic and Biomolecular Chemistry, 2014, 12, 1278.	2.8	37
26	Fluorine in Pharmaceutical Industry: Fluorine-Containing Drugs Introduced to the Market in the Last Decade (2001â€“2011). Chemical Reviews, 2014, 114, 2432-2506.	47.7	3,798
27	Recent advances in the trifluoromethylation methodology and new CF3-containing drugs. Journal of Fluorine Chemistry, 2014, 167, 37-54.	1.7	383
28	Chemical Dynamic Kinetic Resolution and S/Râ€…Interconversion of Unprotected Î±â€Amino Acids. Angewandte Chemie - International Edition, 2014, 53, 12214-12217.	13.8	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. Amino Acids, 2014, 46, 2047-2073.	2.7	111
30	A general overview of the organocatalytic intramolecular aza-Michael reaction. Chemical Society Reviews, 2014, 43, 7430-7453.	38.1	165
31	The self-disproportionation of the enantiomers (SDE) of methyl n-pentyl sulfoxide via achiral, gravity-driven column chromatography: a case study. Organic and Biomolecular Chemistry, 2014, 12, 4738.	2.8	32
32	Chemical Kinetic Resolution of Unprotected Î²â€Substituted Î²â€Amino Acids Using Recyclable Chiral Ligands. Angewandte Chemie - International Edition, 2014, 53, 7883-7886.	13.8	88
33	Asymmetric Synthesis of Î±â€Amino Acids under Operationally Convenient Conditions. Advanced Synthesis and Catalysis, 2014, 356, 2203-2208.	4.3	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. Beilstein Journal of Organic Chemistry, 2014, 10, 442-448.	2.2	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. Journal of Fluorine Chemistry, 2013, 155, 21-38.	1.7	115
36	Asymmetric synthesis of Î±-amino acids via homologation of Ni(II) complexes of glycine Schiff bases; Part 1: alkyl halide alkylations. Amino Acids, 2013, 45, 691-718.	2.7	135

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37	Synthesis of polysubstituted Î²-amino cyclohexane carboxylic acids via Dielsâ€“Alder reaction using Ni(II)-complex stabilized Î²-alanine derived dienes. Amino Acids, 2013, 44, 791-796.	2.7	7
38	Asymmetric synthesis of Î±-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 Î±-amino acids. Amino Acids, 2013, 45, 1017-1033.	2.7	121
39	An Approach to 2,4â€Substituted Pyrazolo[1,5â€a]pyridines and Pyrazolo[1,5â€a]azepines by Ringâ€Closing Metathesis. European Journal of Organic Chemistry, 2013, 2013, 7164-7174.	2.4	12
40	Synthesis of bis-Î±,Î±â€²-amino acids through diastereoselective bis-alkylations of chiral Ni(ii)-complexes of glycine. Organic and Biomolecular Chemistry, 2013, 11, 4508.	2.8	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. Chemical Communications, 2013, 49, 373-375.	4.1	35
42	Recent advances in the synthesis of fluorinated aminophosphonates and aminophosphonic acids. RSC Advances, 2013, 3, 6693.	3.6	146
43	Optical Purifications via Selfâ€Disproportionation of Enantiomers by Achiral Chromatography: Case Study of a Series of Î±â€CF₃â€containing Secondary Alcohols. Chirality, 2013, 25, 365-368.	2.6	82
44	Chemical deracemization and (S) to (R) interconversion of some fluorine-containing Î±-amino acids. Journal of Fluorine Chemistry, 2013, 152, 114-118.	1.7	44
45	Chemical approach for interconversion of (S)- and (R)-Î±-amino acids. Organic and Biomolecular Chemistry, 2013, 11, 4503.	2.8	48
46	Self-Disproportionation of Enantiomers of Chiral, Non-Racemic Fluoroorganic Compounds: Role of Fluorine as Enabling Element. Synthesis, 2013, 45, 141-152.	2.3	69
47	Recent Advances in the Asymmetric Synthesis of Î±-(Trifluoromethyl)-Containing Î±-Amino Acids. Synthesis, 2012, 44, 1591-1602.	2.3	154
48	Alkylations of Chiral Nickel(II) Complexes of Glycine under Phaseâ€Transfer Conditions. Helvetica Chimica Acta, 2012, 95, 2672-2679.	1.6	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)â€“O and Ni(II)â€“N coordination bonds. Beilstein Journal of Organic Chemistry, 2012, 8, 1920-1928.	2.2	4
50	Stereoselective Access to Fluorinated and Nonâ€fluorinated Quaternary Piperidines: Synthesis of Pipecolic Acid and Iminosugar Derivatives. Chemistry - A European Journal, 2012, 18, 3753-3764.	3.3	26
51	Self-disproportionation of enantiomers of non-racemic chiral amine derivatives through achiral chromatography. Tetrahedron, 2012, 68, 4013-4017.	1.9	59
52	Synthetic and Biological Applications of Fluorous Reagents as Phase Tags. Topics in Current Chemistry, 2011, 308, 45-67.	4.0	8
53	Synthesis of Fluorinated Î²-Amino Acids. Synthesis, 2011, 2011, 3045-3079.	2.3	35
54	Recent Developments in the Synthesis of Fluorinated β-Amino Acids. Current Organic Chemistry, 2010, 14, 928-949.	1.6	72

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55	FM19G11, a New Hypoxia-inducible Factor (HIF) Modulator, Affects Stem Cell Differentiation Status. Journal of Biological Chemistry, 2010, 285, 1333-1342.	3.4	99
56	Diastereoselective Intramolecular Additions of Allyl- and Propargylsilanes to Iminium Ions: Synthesis of Cyclic and Bicyclic Quaternary Amino Acids. Organic Letters, 2010, 12, 3014-3017.	4.6	23
57	Nitrogen-Containing Organofluorine Derivatives: An Overview. Synlett, 2009, 2009, 525-549.	1.8	65
58	Organocatalytic antiâ€Selective Mannich Reactions with Fluorinated Aldimines: Synthesis of antiâ€Î³â€Fluoroalkylâ€Î³â€amino Alcohols. European Journal of Organic Chemistry, 2009, 2009, 5208-5214.	2.4	25
59	A new strategy for the synthesis of fluorinated 3,4-dihydropyrimidinones. Journal of Fluorine Chemistry, 2009, 130, 1145-1150.	1.7	8
60	Fluorous TBAF: A Convenient and Selective Reagent for Fluoride-Mediated Deprotections. Journal of Organic Chemistry, 2009, 74, 6398-6401.	3.2	11
61	Cross-Metathesis Reactions as an Efficient Tool in the Synthesis of Fluorinated Cyclic Î²-Amino Acids. Journal of Organic Chemistry, 2009, 74, 3414-3423.	3.2	36
62	Straightforward Stereoselective Access to Cyclic Peptidomimetics. Journal of Organic Chemistry, 2009, 74, 4429-4432.	3.2	36
63	Tiratricol Neutralizes Bacterial Endotoxins and Reduces Lipopolysaccharideâ€Induced TNFâ€Î± Production in the Cell. Chemical Biology and Drug Design, 2008, 72, 320-328.	3.2	3
64	An Efficient Entry to Optically Active anti- and syn-Î²-Amino-Î±-trifluoromethyl Alcohols. Organic Letters, 2008, 10, 605-608.	4.6	31
65	Nitrogen-Containing Organofluorine Compounds through Metathesis Reactions. ACS Symposium Series, 2007, , 54-68.	0.5	3
66	Assignment of Absolute Configuration on the Basis of the Conformational Effects Induced by Chiral Derivatizing Agents:â€‰ The 2-Arylpyrrolidine Case. Organic Letters, 2007, 9, 4123-4126.	4.6	12
67	Asymmetric Synthesis of Fluorinated Cyclic Î²-Î²mino Acid Derivatives through Cross Metathesis. Organic Letters, 2007, 9, 1617-1617.	4.6	0
68	Asymmetric Synthesis of Fluorinated Cyclic Î²-Amino Acid Derivatives through Cross Metathesis. Organic Letters, 2006, 8, 4633-4636.	4.6	36
69	Role of thegem-Difluoro Moiety in the Tandem Ring-Closing Metathesisâ^'Olefin Isomerization:Â Regioselective Preparation of Unsaturated Lactams. Journal of Organic Chemistry, 2006, 71, 2706-2714.	3.2	82
70	Fluorous (Trimethylsilyl)ethanol:Â A New Reagent for Carboxylic Acid Tagging and Protection in Peptide Synthesis. Journal of Organic Chemistry, 2006, 71, 3299-3302.	3.2	43
71	First Fluorous Synthesis of Fluorinated Uracils. QSAR and Combinatorial Science, 2006, 25, 753-760.	1.4	17
72	New fluorinated 1,3-vinylogous amidines as versatile intermediates: synthesis of fluorinated pyrimidin-2(1H)-ones. Tetrahedron, 2006, 62, 1444-1451.	1.9	11

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73	Synthesis and Biological Evaluation of New Bicyclic Fluorinated Uracils through Ring-Closing Metathesis. Journal of Organic Chemistry, 2006, 71, 4010-4013.	3.2	20
74	The stereocontrolled total synthesis of altohyrtin A/spongistatin 1: fragment couplings, completion of the synthesis, analogue generation and biological evaluation. Organic and Biomolecular Chemistry, 2005, 3, 2431.	2.8	42
75	The stereocontrolled total synthesis of altohyrtin A/spongistatin 1: the southern hemisphere EF segment. Organic and Biomolecular Chemistry, 2005, 3, 2420.	2.8	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. Journal of Mass Spectrometry, 2003, 38, 548-554.	1.6	10
77	Stereocontrolled 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 supp. Angewandte Chemie - International Edition, 2001, 40, 4055.	13.8	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. Tetrahedron Letters, 2000, 41, 2549-2551.	1.4	2
79	Total Synthesis of (+)-7-Deoxypancratistatin from Furan. Organic Letters, 2000, 2, 3683-3686.	4.6	41
80	Unexpected One-Pot Epoxy Sulfoneâˆ'Enaminone Transformation. Synthesis of 5a-Carba-Î²-mannopyranosylamine. Journal of Organic Chemistry, 2000, 65, 2580-2582.	3.2	16
81	Studies in Marine Polypropionate Synthesis:â€‰ Total Synthesis of (âˆ'-)-Baconipyrone C. Organic Letters, 2000, 2, 1513-1516.	4.6	51
82	Total Syntheses of (Â±)-Cyclophellitol and (1R*,6S*)-Cyclophellitol. Journal of Organic Chemistry, 1997, 62, 3360-3364.	3.2	26
83	A convenient approach to the aminocyclitol fragment of pancratistatin from 7-oxanorbornenes. Tetrahedron Letters, 1996, 37, 105-106.	1.4	25
84	A stereodivergent synthesis of (Â±)-cyclophellitol and (1Râˆ—,6Sâˆ—)-cyclophellitol from the 7-oxabicyclo-[2.2.1]hept-5-ene-2-endo-carboxylic acid. Tetrahedron Letters, 1996, 37, 3043-3044.	1.4	9
85	Total synthesis of (+)-pinitol. Tetrahedron: Asymmetry, 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. Tetrahedron Letters, 1996, 37, 8957-8960.	1.4	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. Journal of Organic Chemistry, 1994, 59, 6419-6424.	3.2	39
88	Strain-directed bridge cleavage of (phenylsulfonyl)-7-oxabicyclo[2.2.1]heptane derivatives: application to the total synthesis of carba-.alpha.-DL-glucopyranose. Journal of Organic Chemistry, 1992, 57, 1945-1946.	3.2	40