Carlos del Pozo Losada

List of Publications by Year
in descending order

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83 papers	6,534 citations	182225 30 h-index	71088 80 g-index
125 all docs	125 docs citations	125 times ranked	6865 citing authors

#	Article	IF	Citations
1	Two Decades of Progress in the Asymmetric Intramolecular azaâ€Michael Reaction. Chemical Record, 2022, 22, .	2.9	13
2	Catalytic enantioselective intramolecular 1,3-dipolar cycloaddition of azomethine ylides with fluorinated dipolarophiles. Chemical Communications, 2022, 58, 7805-7808.	2.2	8
3	Double asymmetric intramolecular aza-Michael reaction: a convenient strategy for the synthesis of quinolizidine alkaloids. Organic and Biomolecular Chemistry, 2021, 19, 8740-8745.	1.5	1
4	Unexpected metal-free synthesis of trifluoromethyl arenes via tandem coupling of dicyanoalkenes and conjugated fluorinated sulfinyl imines. Chemical Communications, 2021, 57, 8023-8026.	2.2	2
5	Organocatalytic Enantioselective Friedelâ€Crafts Alkylation Reactions of Pyrroles. Advanced Synthesis and Catalysis, 2021, 363, 3439-3470.	2.1	30
6	Organocatalytic enantioselective synthesis of 2,5,5-trisubstituted piperidines bearing a quaternary stereocenter. Vinyl sulfonamide as a new amine protecting group. Chemical Communications, 2020, 56, 1425-1428.	2.2	13
7	Enantioselective Synthesis of Pyrrolizidinone Scaffolds through Multiple-Relay Catalysis. Organic Letters, 2020, 22, 9433-9438.	2.4	7
8	Tandem Organocatalytic Cycloaromatization/Intramolecular Friedelâ€“Crafts Alkylation Sequence for the Synthesis of Indolizinones and Pyrrolo-azepinone Derivatives. Journal of Organic Chemistry, 2019, 84, 10785-10795.	1.7	7
9	Highly convergent total synthesis of (+)-anaferine and (â^')-dihydrocuscohygrine. Organic Chemistry Frontiers, 2019, 6, 3210-3214.	2.3	8
10	Asymmetric synthesis of polycyclic 3-fluoroalkylproline derivatives by intramolecular azomethine ylide cycloaddition. Organic Chemistry Frontiers, 2019, 6, 2916-2923.	2.3	5
11	Intramolecular Cycloaddition Azomethine Ylides and Î±â€(Trifluoromethyl)styrenes as Dipolarophiles. European Journal of Organic Chemistry, 2019, 2019, 6606-6610.	1.2	9
12	Domino Synthesis of 3â€Alkylidenâ€2,3â€Dihydroâ€4â€Quinolones. Advanced Synthesis and Catalysis, 2019, 361, 1102-1107.	2.1	7
13	Asymmetric Vinylogous Mannichâ€Type Addition of Î±,Î±â€Dicyanoalkenes to Î±â€Fluoroalkyl Sulfinyl Imines. Advanced Synthesis and Catalysis, 2018, 360, 366-373.	2.1	14
14	Dual Role of Vinyl Sulfonamides as Nâ€Nucleophiles and Michael Acceptors in the Enantioselective Synthesis of Bicyclic Î²â€Sultams. Advanced Synthesis and Catalysis, 2018, 360, 2885-2893.	2.1	19
15	Synthesis of substituted piperidines by enantioselective desymmetrizing intramolecular aza-Michael reactions. Organic and Biomolecular Chemistry, 2018, 16, 4650-4658.	1.5	17
16	Intramolecular Nitrone Cycloaddition of Î±-(Trifluoromethyl)styrenes. Role of the CF₃ Group in the Regioselectivity. Journal of Organic Chemistry, 2017, 82, 2505-2514.	1.7	23
17	Cross-Metathesis/Intramolecular (Hetero-)Michael Addition: A Convenient Sequence for the Generation of Carbo- and Heterocycles. Synthesis, 2017, 49, 2787-2802.	1.2	26
18	Organocatalytic Enantioselective Synthesis of Trifluoromethylâ€Containing Tetralin Derivatives by Sequential (Hetero)Michael Reactionâ€“Intramolecular Nitrone Cycloaddition. Advanced Synthesis and Catalysis, 2017, 359, 3752-3764.	2.1	10

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19	Gold-Catalyzed Povarov-Type Reaction of Fluorinated Imino Esters and Furans. Journal of Organic Chemistry, 2016, 81, 6515-6524.	1.7	16
20	Enantioselective Palladiumâ€Catalyzed Oxidative Î²,Î²â€Fluoroarylation of Î±,Î²â€Unsaturated Carbonyl Derivatives. Angewandte Chemie - International Edition, 2016, 55, 9045-9049.	7.2	77
21	Fluorine and Gold: A Fruitful Partnership. Chemical Reviews, 2016, 116, 11924-11966.	23.0	177
22	A Decade of Advance in the Asymmetric Vinylogous Mannich Reaction. Synthesis, 2016, 48, 2553-2571.	1.2	63
23	Tandem cross enyne metathesis (CEYM)â€“intramolecular Dielsâ€“Alder reaction (IMDAR). An easy entry to linear bicyclic scaffolds. Beilstein Journal of Organic Chemistry, 2015, 11, 1486-1493.	1.3	7
24	Goldâ€Catalyzed Tandem Hydroamination/Formal Azaâ€Dielsâ€“Alder Reaction of Homopropargyl Amino Esters: A Combined Computational and Experimental Mechanistic Study. Chemistry - A European Journal, 2015, 21, 5459-5466.	1.7	16
25	Differential reactivity of fluorinated homopropargylic amino esters vs gold(I) salts. The role of the nitrogen protecting group. Journal of Fluorine Chemistry, 2015, 171, 60-66.	0.9	10
26	Asymmetric Intramolecular Aza-Michael Reaction in Desymmetrization Processes. Total Synthesis of Hippodamine and epi-Hippodamine. Organic Letters, 2015, 17, 960-963.	2.4	27
27	Diastereodivergent Synthesis of Fluorinated Cyclic Î²3-Amino Acid Derivatives. Organic Letters, 2015, 17, 5412-5415.	2.4	25
28	Pauson-Khand Reaction of Internal Dissymmetric Trifluoromethyl Alkynes. Influence of the Alkene on the Regioselectivity. Molecules, 2014, 19, 1763-1774.	1.7	6
29	Fluorine in Pharmaceutical Industry: Fluorine-Containing Drugs Introduced to the Market in the Last Decade (2001â€“2011). Chemical Reviews, 2014, 114, 2432-2506.	23.0	3,798
30	Microwaveâ€Assisted Tandem Organocatalytic Peptideâ€Coupling Intramolecular azaâ€Michael Reaction: Î±,Î²â€Unsaturated Nâ€Acyl Pyrazoles as Michael Acceptors. Chemistry - A European Journal, 2014, 20, 15697-15701.	1.7	19
31	Tandem Gold Selfâ€Relay Catalysis for the Synthesis of 2,3â€Dihydropyridinâ€4(1â€‰H)â€ones: Combination of Ï*f* and Ïƒ Lewis Acid Properties of Gold Salts. Chemistry - A European Journal, 2014, 20, 14126-14131.	1.7	28
32	A general overview of the organocatalytic intramolecular aza-Michael reaction. Chemical Society Reviews, 2014, 43, 7430-7453.	18.7	165
33	Gold catalyzed stereoselective tandem hydroaminationâ€“formal aza-Dielsâ€“Alder reaction of propargylic amino esters. Chemical Communications, 2013, 49, 1336.	2.2	35
34	Synthesis and Application of Î²â€Substituted Pausonâ€“Khand Adducts: Trifluoromethyl as a Removable Steering Group. Angewandte Chemie - International Edition, 2013, 52, 5355-5359.	7.2	25
35	One-pot cross-enyne metathesis (CEYM)â€“Dielsâ€“Alder reaction of gem-difluoropropargylic alkynes. Beilstein Journal of Organic Chemistry, 2013, 9, 2688-2695.	1.3	8
36	A New Tandem Cross Metathesis-Intramolecular Aza-Michael Reaction for the Synthesis of Î±,Î±-Difluorinated Lactams. Synthesis, 2012, 44, 1863-1873.	1.2	26

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37	1,7â€Octadieneâ€Assisted Tandem Multicomponent Crossâ€Enyne Metathesis (CEYM)â€Dielsâ€“Alder Reactions: A Useful Alternative to Moriâ€™s Conditions. Chemistry - A European Journal, 2012, 18, 10991-10997.	1.7	28
38	Organocatalytic enantioselective synthesis of quinolizidine alkaloids (+)-myrtine, (â^')-lupinine, and (+)-epiepiquinamide. Tetrahedron, 2011, 67, 7412-7417.	1.0	34
39	Asymmetric synthesis of quaternary Î±-amino acid derivatives and their fluorinated analogues. Amino Acids, 2011, 41, 559-573.	1.2	16
40	New Cathepsin Inhibitors to Explore the Fluorophilic Properties of the S² Pocket of Cathepsin B: Design, Synthesis, and Biological Evaluation. Chemistry - A European Journal, 2011, 17, 5256-5260.	1.7	13
41	Chiral Monofluorobenzyl Carbanions: Synthesis of Enantiopure Î²â€Fluorinated Î²â€Phenylethylamines. Chemistry - A European Journal, 2011, 17, 6142-6147.	1.7	23
42	Microwaveâ€Assisted Organocatalytic Enantioselective Intramolecular azaâ€Michael Reaction with Î±,Î²â€Unsaturated Ketones. Chemistry - A European Journal, 2011, 17, 14267-14272.	1.7	55
43	Nâ€Sulfinyl Amines as a Nitrogen Source in the Asymmetric Intramolecular Azaâ€Michael Reaction: Total Synthesis of (â^')â€Pinidinol. Chemistry - A European Journal, 2010, 16, 9835-9845.	1.7	73
44	Asymmetric tandem reactions: New synthetic strategies. Pure and Applied Chemistry, 2010, 82, 669-677.	0.9	36
45	Tandem Asymmetric Michael Reactionâ^'Intramolecular Michael Addition. An Easy Entry to Chiral Fluorinated 1,4-Dihydropyridines. Organic Letters, 2010, 12, 3484-3487.	2.4	48
46	A new strategy for the synthesis of fluorinated 3,4-dihydropyrimidinones. Journal of Fluorine Chemistry, 2009, 130, 1145-1150.	0.9	8
47	AuX3-Mediated Selective Head-to-Head Dimerization of Difluoropropargyl Amides. Journal of Organic Chemistry, 2009, 74, 7690-7696.	1.7	18
48	Cross-Metathesis Reactions as an Efficient Tool in the Synthesis of Fluorinated Cyclic Î²-Amino Acids. Journal of Organic Chemistry, 2009, 74, 3414-3423.	1.7	36
49	Asymmetric Synthesis of Indolines through Intramolecular Shifting of Aromatic Sulfinyl Groups. Role of the Ï€,Ï€-Stacking Interactions in these Unusual S_NAr Processes. Journal of the American Chemical Society, 2009, 131, 9432-9441.	6.6	38
50	A New Strategy for the Synthesis of Optically Pure Î²-Fluoroalkyl Î²-Amino Acid Derivatives. Organic Letters, 2009, 11, 641-644.	2.4	38
51	Solution and fluorous phase synthesis of Î²,Î²-difluorinated 1-amino-1-cyclopentane carboxylic acid derivatives. Journal of Fluorine Chemistry, 2008, 129, 943-950.	0.9	14
52	Solutionâ€, Solidâ€Phase, and Fluorous Synthesis of Î²,Î²â€Difluorinated Cyclic Quaternary Î±â€Amino Acid Derivatives: A Comparative Study. Chemistry - A European Journal, 2008, 14, 7019-7029.	1.7	29
53	Organocatalytic Approach to Benzofused Nitrogenâ€Containing Heterocycles: Enantioselective Total Synthesis of (+)â€Angustureine. Chemistry - A European Journal, 2008, 14, 9868-9872.	1.7	119
54	Anionicâ€“Anionic Asymmetric Tandem Reactions: Oneâ€Pot Synthesis of Optically Pure Fluorinated Indolines from 2â€pâ€Tolylsulfinyl Alkylbenzenes. Angewandte Chemie - International Edition, 2008, 47, 7941-7944.	7.2	53

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55	Selective Formal Transesterification of Fluorinated 2-(Trimethylsilyl)ethyl Î±-Imino Esters Mediated by TBAF. Journal of Organic Chemistry, 2008, 73, 5617-5620.	1.7	6
56	Concise Preparation of 2,2-Difluorohomopropargyl Carbonyl Derivatives. Application to the Synthesis of 4,4-Difluoroisoquinolinone Congeners. Journal of Organic Chemistry, 2008, 73, 2656-2661.	1.7	42
57	Nitrogen-Containing Organofluorine Compounds through Metathesis Reactions. ACS Symposium Series, 2007, , 54-68.	0.5	3
58	Microwave-Assisted Tandem Cross Metathesis Intramolecular Aza-Michael Reaction:Â An Easy Entry to Cyclic Î²-Amino Carbonyl Derivatives. Journal of the American Chemical Society, 2007, 129, 6700-6701.	6.6	132
59	Intramolecular Hydroamination of Difluoropropargyl Amides:â€‰ Regioselective Synthesis of Fluorinated Î²- and Î³-Lactams. Organic Letters, 2007, 9, 4251-4253.	2.4	73
60	Enantioselective Organocatalytic Intramolecular Aza-Michael Reaction: a Concise Synthesis of (+)-Sedamine, (+)-Allosedamine, and (+)-Coniine. Organic Letters, 2007, 9, 5283-5286.	2.4	172
61	Synthesis of fluorinated allylic amines: Reaction of 2-(trimethylsilyl)ethyl sulfones and sulfoxides with fluorinated imines. Journal of Fluorine Chemistry, 2007, 128, 1248-1254.	0.9	7
62	Asymmetric Synthesis of Fluorinated Cyclic Î²-Amino Acid Derivatives through Cross Metathesis. Organic Letters, 2006, 8, 4633-4636.	2.4	36
63	Synthesis of Enantiopure Pyrrolidine-Derived Peptidomimetics and Oligo-Î²-peptides via Nucleophilic Ring-Opening of Î²-Lactamsâ€. Journal of Organic Chemistry, 2006, 71, 7721-7730.	1.7	34
64	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.	1.7	82
65	Fluorous (Trimethylsilyl)ethanol:Â A New Reagent for Carboxylic Acid Tagging and Protection in Peptide Synthesis. Journal of Organic Chemistry, 2006, 71, 3299-3302.	1.7	43
66	Asymmetric Synthesis of New Î²,Î²-Difluorinated Cyclic Quaternary Î±-Amino Acid Derivatives. Organic Letters, 2006, 8, 4129-4132.	2.4	45
67	First Fluorous Synthesis of Fluorinated Uracils. QSAR and Combinatorial Science, 2006, 25, 753-760.	1.5	17
68	1,4-Benzodiazepine N-Nitrosoamidines: Useful Intermediates in the Synthesis of Tricyclic Benzodiazepines. Molecules, 2006, 11, 583-588.	1.7	19
69	Reactions of 1,4-Benzodiazepinic N-Nitrosoamidines with Tosylmethyl Isocyanide: A Novel Synthesis of Midazolam.. ChemInform, 2005, 36, no.	0.1	0
70	Total Synthesis of Natural Myriaporones. Angewandte Chemie - International Edition, 2004, 43, 1724-1727.	7.2	36
71	Diastereo- and Enantioselective Synthesis of NovelÎ²-Lactam-Containing 1,4-Benzodiazepines through a Keteneâ^'Imine Cycloaddition Reaction. European Journal of Organic Chemistry, 2004, 2004, 535-545.	1.2	28
72	Diastereo- and Enantioselective Synthesis of Novel Î²-Lactam-Containing 1,4-Benzodiazepines Through a Keteneâ€"Imine Cycloaddition Reaction.. ChemInform, 2004, 35, no.	0.1	0

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73	Unusual rearrangement of spiro Î²-lactams to 1,4-diazabicyclo[4,4,0]decanes and 1,4-diazabicyclo[4,3,0]nonanes. Synthesis of conformationally restricted Ïƒ-receptor ligands. Tetrahedron Letters, 2004, 45, 4657-4660.	0.7	24
74	Diastereoselective [2+2]-Cycloaddition Reactions of Unsymmetrical Cyclic Ketenes with Imines:â€‰ Synthesis of Modified Prolines and Theoretical Study of the Reaction Mechanism. Journal of Organic Chemistry, 2004, 69, 7004-7012.	1.7	58
75	Cycloaddition reactions of unsymmetrical cyclic ketenes: a synthetically useful approach to spiro Î²-lactams and derivatives. Reaction mechanism and theoretical studiesElectronic supplementary information (ESI) available: Spectral data for compounds 4bâ€“4m and 5bâ€“5d and Cartesian coordinates and energies (hartrees) of zwitterionic intermediates (IZ1, IZ2, IZ3, and IZ4) and transition structures (TS1, TS2, TS3 and TS4). See http://www.rsc.org/suppdata/p1/b1/b103279h/. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 571-576.	1.3	48
76	Spiro Î²-Lactams as Î²-Turn Mimetics. Design, Synthesis, and NMR Conformational Analysis. Journal of Organic Chemistry, 2001, 66, 6333-6338.	1.7	89
77	Synthesis of 1,1-dioxopenicillanoyloxymethyl 6-[d-Î±-(benzylideneaminophenylacetamido)]penicillanate and analogs. New intermediates in the preparation of sultamicillin. Tetrahedron, 2001, 57, 6209-6214.	1.0	5
78	Sequential epoxide fragmentation/radical cyclizations mediated by samarium(II) iodide. Tetrahedron, 1998, 54, 5819-5832.	1.0	13
79	Sequenced Reactions with Samarium(II) Iodide. Domino Epoxide Ring-Opening/Ketyl Olefin Coupling Reactions. Journal of Organic Chemistry, 1997, 62, 2935-2943.	1.7	41
80	Reactions of N-Unsubstituted 4-Amino-1-azadienes Towards Electrophiles. Synthesis, 1996, 1996, 133-140.	1.2	12
81	2-Hydroxy-2,2-dimethylacetic Acid Ester Derived Heterobiaryl Ethers Containing 1,3,5-Triazine Substituents. Synthesis, 1995, 1995, 1529-1533.	1.2	4
82	New synthesis of 4-amino-1-azadienes by addition of Zn-enolates to nitriles. Tetrahedron Letters, 1993, 34, 5497-5498.	0.7	12
83	New synthesis of 4-amino-1-azadienes. First use of Cp2TiMe2 as precursor in insertion reactions of [Cp2Ti=CH2] with nitriles.. Tetrahedron Letters, 1992, 33, 7579-7580.	0.7	13