Carlos ValdÃ©s

List of Publications by Year
in descending order

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90 papers	5,895 citations	76326 40 h-index	76900 74 g-index
147 all docs	147 docs citations	147 times ranked	2970 citing authors

#	Article	IF	Citations
1	Construction of NHâ€Unprotected Spiropyrrolidines and Spiroisoindolines by [4+1] Cyclizations of Î³â€Azidoboronic Acids with Cyclic Nâ€Sulfonylhydrazones. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
2	Construction of NHâ€Unprotected Spiropyrrolidines and Spiroisoindolines by [4+1] Cyclizations of Î³â€Azidoboronic Acids with Cyclic Nâ€Sulfonylhydrazones. Angewandte Chemie, 2022, 134, .	2.0	3
3	Synthesis of Pyrrolidines by a Csp 3 â€Csp 3 /Csp 3 â€•N Transitionâ€Metalâ€Free Domino Reaction of Boronic Acids with Î³â€Azidoâ€•N â€Tosylhydrazones. Angewandte Chemie - International Edition, 2021, 60, 1273-1280.	13.8	17
4	Synthesis of Pyrrolidines by a Csp 3 â€Csp 3 /Csp 3 â€•N Transitionâ€Metalâ€Free Domino Reaction of Boronic Acids with Î³â€Azidoâ€•N â€Tosylhydrazones. Angewandte Chemie, 2021, 133, 1293-1300.	2.0	9
5	Broadening the Scope of Steroidal Scaffolds: The Umpolung of a Bis-Primary Amine Precatalyst for the Insertion of CO₂ into Epoxides. Organic Letters, 2020, 22, 6988-6992.	4.6	5
6	Cascade and multicomponent synthesis of structurally diverse 2-(pyrazol-3-yl)pyridines and polysubstituted pyrazoles. Organic and Biomolecular Chemistry, 2020, 18, 1629-1636.	2.8	5
7	Unusual Reactivity of Isoquinolinones Generated by Silver-Catalyzed Cycloisomerizations of Imines Derived from ortho-Alkynylsalicylaldehydes. Journal of Organic Chemistry, 2019, 84, 3184-3191.	3.2	15
8	Domino Synthesis of Benzo-Fused Î²,Î³-Unsaturated Ketones from Alkenylboronic Acids and N-Tosylhydrazone-Tethered Benzonitriles. Organic Letters, 2019, 21, 632-635.	4.6	18
9	Heterocyclization and Spirocyclization Processes Based on Domino Reactions of Nâ€Tosylhydrazones and Boronic Acids Involving Intramolecular Allylborylations of Nitriles. Chemistry - A European Journal, 2018, 24, 14836-14843.	3.3	15
10	Synthesis of Highly Substituted Polyenes by Palladiumâ€Catalyzed Crossâ€“Couplings of Sterically Encumbered Alkenyl Bromides and Nâ€Tosylhydrazones. Advanced Synthesis and Catalysis, 2017, 359, 1058-1062.	4.3	17
11	Pd-Catalyzed Autotandem Reactions with N-Tosylhydrazones. Synthesis of Condensed Carbo- and Heterocycles by Formation of a Câ€“C Single Bond and a Câ•C Double Bond on the Same Carbon Atom. Organic Letters, 2017, 19, 2034-2037.	4.6	28
12	Transition-Metal-Free Reactions Between Boronic Acids and N-Sulfonylhydrazones or Diazo Compounds: Reductive Coupling Processes and Beyond. Synlett, 2017, 28, 2373-2389.	1.8	29
13	Synthesis of 1,1-Disubstituted Indenes and Dihydronaphthalenes through Câ€“C/Câ€“C Bond-Forming Pd-Catalyzed Autotandem Reactions. Organic Letters, 2017, 19, 4086-4089.	4.6	22
14	Pd-catalyzed Auto-Tandem Cascades Based on N-Sulfonylhydrazones: Hetero- and Carbocyclization Processes. Synthesis, 2017, 28, 4434-4447.	2.3	8
15	Stereoselective Csp³â€“Csp² Bondâ€Forming Reactions by Transitionâ€Metalâ€Free Reductive Coupling of Cyclic Tosylhydrazones with Boronic Acids. Chemistry - A European Journal, 2016, 22, 6253-6257.	3.3	24
16	Pd-catalyzed cascade reactions between o-iodo-N-alkenylanilines and tosylhydrazones: novel approaches to the synthesis of polysubstituted indoles and 1,4-dihydroquinolines. Chemical Communications, 2016, 52, 6312-6315.	4.1	37
17	Stereoselective Domino Carbocyclizations of Î³- and Î´-Cyano-N-tosylhydrazones with Alkenylboronic Acids with Formation of Two Different C(sp³)â€“C(sp²) Bonds on a Quaternary Stereocenter. Journal of the American Chemical Society, 2016, 138, 12061-12064.	13.7	50
18	Synthesis of 1,3-diaryl-3-trifluoromethylcyclopropenes by transition-metal-free reaction of 2,2,2-trifluoroacetophenone tosylhydrazones with alkynes: the effect of the trifluoromethyl group. Chemical Communications, 2016, 52, 3677-3680.	4.1	38

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19	Structurally Diverse Ï€â€Extended Conjugated Polycarboâ€•and Heterocycles through Pdâ€Catalyzed Autotandem Cascades. Chemistry - A European Journal, 2015, 21, 16463-16473.	3.3	25
20	Synthesis of Chiral Pyrazoles: A 1,3â€Dipolar Cycloaddition/[1,5] Sigmatropic Rearrangement with Stereoretentive Migration of a Stereogenic Group. Angewandte Chemie - International Edition, 2015, 54, 13729-13733.	13.8	74
21	The Pd-catalyzed synthesis of benzofused carbo- and heterocycles through carbene migratory insertion/carbopalladation cascades with tosylhydrazones. Chemical Communications, 2015, 51, 16241-16243.	4.1	31
22	A General Synthesis of Î±â€Trifluoromethylstyrenes through Palladiumâ€Catalyzed Crossâ€Couplings with 1,1,1â€Trifluoroacetone Tosylhydrazone. Advanced Synthesis and Catalysis, 2014, 356, 1079-1084.	4.3	34
23	Tosylhydrazideâ€Promoted Diastereoselective Intramolecular 1,3â€Dipolar Cycloadditions: Synthesis of Tetrahydropyrrolo[3,4â€c]pyrazoles. European Journal of Organic Chemistry, 2014, 2014, 1672-1683.	2.4	9
24	Pd-Catalyzed Autotandem Câ€“C/Câ€“C Bond-Forming Reactions with Tosylhydrazones: Synthesis of Spirocycles with Extended Ï€-Conjugation. Organic Letters, 2014, 16, 2264-2267.	4.6	56
25	Synthesis of (Z)â€Nâ€Alkenylazoles and Pyrroloisoquinolines from Î±â€Nâ€Azoleketones through Pdâ€Catalyzed Tosylhydrazone Crossâ€Couplings. Chemistry - A European Journal, 2013, 19, 10506-10510.	3.3	43
26	Regioselective Oneâ€Step Synthesis of Pyrazoles from Alkynes and Nâ€Tosylhydrazones: [3+2]â€…Dipolar Cycloaddition/[1,5]â€…Sigmatropic Rearrangement Cascade. Angewandte Chemie - International Edition, 2013, 52, 7219-7223.	13.8	102
27	Synthesis of Polysubstituted Isoquinolines through Cross-Coupling Reactions with Î±-Alkoxytosylhydrazones. Organic Letters, 2012, 14, 2323-2325.	4.6	40
28	Straightforward Reductive Esterification of Carbonyl Compounds with Carboxylic Acids through Tosylhydrazone Intermediates. European Journal of Organic Chemistry, 2012, 2012, 3925-3928.	2.4	18
29	Reductive Azidation of Carbonyl Compounds via Tosylhydrazone Intermediates Using Sodium Azide. Angewandte Chemie - International Edition, 2012, 51, 5950-5952.	13.8	64
30	Olefination of Carbonyl Compounds through Reductive Coupling of Alkenylboronic Acids and Tosylhydrazones. Angewandte Chemie - International Edition, 2012, 51, 5953-5957.	13.8	104
31	Synthesis of Polysubstituted Olefins by Pd-Catalyzed Cross-Coupling Reaction of Tosylhydrazones and Aryl Nonaflates. Organic Letters, 2011, 13, 510-513.	4.6	124
32	Synthesis of Sulfones by Ironâ€Catalyzed Decomposition of Sulfonylhydrazones. European Journal of Organic Chemistry, 2011, 2011, 1520-1526.	2.4	42
33	Tosylhydrazideâ€Promoted Palladiumâ€Catalyzed Reaction of Î²â€Aminoketones with oâ€Dihaloarenes: Combining Organocatalysis and Transitionâ€Metal Catalysis. Angewandte Chemie - International Edition, 2011, 50, 2350-2353.	13.8	76
34	Tosylhydrazones: New Uses for Classic Reagents in Palladiumâ€Catalyzed Crossâ€Coupling and Metalâ€Free Reactions. Angewandte Chemie - International Edition, 2011, 50, 7486-7500.	13.8	598
35	Synthesis of Dienes by Palladiumâ€Catalyzed Couplings of Tosylhydrazones with Aryl and Alkenyl Halides. Advanced Synthesis and Catalysis, 2010, 352, 3235-3240.	4.3	70
36	â€œOnâ€Water,â€•Microwaveâ€Assisted, Pdâ€Catalyzed Synthesis of Indoles from Imines and oâ€Difunctionalized Arenes. Chemistry - A European Journal, 2010, 16, 11707-11711.	3.3	29

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37	Synthesis of 2â€Arylacrylates from Pyruvate by Tosylhydrazideâ€Promoted Pdâ€Catalyzed Coupling with Aryl Halides. Chemistry - A European Journal, 2010, 16, 12801-12803.	3.3	60
38	Straightforward Synthesis of Ethers: Metalâ€Free Reductive Coupling of Tosylhydrazones with Alcohols or Phenols. Angewandte Chemie - International Edition, 2010, 49, 4993-4996.	13.8	150
39	Arylation of Î±â€Chiral Ketones by Palladiumâ€Catalyzed Crossâ€Coupling Reactions of Tosylhydrazones with Aryl Halides. Angewandte Chemie - International Edition, 2010, 49, 6856-6859.	13.8	113
40	Synthesis of Enol Ethers and Enamines by Pdâ€Catalyzed Tosylhydrazideâ€Promoted Crossâ€Coupling Reactions. Chemistry - A European Journal, 2009, 15, 13291-13294.	3.3	83
41	Metal-free carbonâ€“carbon bond-forming reductive coupling between boronic acids and tosylhydrazones. Nature Chemistry, 2009, 1, 494-499.	13.6	336
42	Modular Synthesis of Indoles from Imines and o-Dihaloarenes or o-Chlorosulfonates by a Pd-Catalyzed Cascade Process. Journal of the American Chemical Society, 2009, 131, 4031-4041.	13.7	159
43	Pdâ€Catalyzed Crossâ€Coupling Reactions with Carbonyls: Application in a Very Efficient Synthesis of 4â€Aryltetrahydropyridines. Chemistry - A European Journal, 2008, 14, 4792-4795.	3.3	128
44	[1,5]â€Hydride Transfer/Cyclizations on Alkynyl Fischer Carbene Complexes: Synthesis of 1,2â€Dihydroquinolinyl Carbene Complexes and Cascade Reactions. Angewandte Chemie - International Edition, 2008, 47, 6594-6597.	13.8	107
45	Multicomponent and one-pot synthesis of trisubstituted pyridines through a Pd-catalyzed cross-coupling/cross-coupling/cycloaddition sequence. Tetrahedron, 2008, 64, 778-786.	1.9	39
46	Cascade Reactions of Dialkynyl Fischer Carbene Complexes Involving Intramolecular Alkyne Insertions Oriented to the Synthesis of Functionalized Polycycles. Organometallics, 2008, 27, 3593-3600.	2.3	13
47	New Cascade Processes on Group 6 Fischer-Type Carbene Complexes:â€‰ Cyclopropanation and Metathesis Reactions. Organic Letters, 2007, 9, 4143-4146.	4.6	35
48	Palladium-Catalyzed Cross-Coupling between Vinyl Halides andtert-Butyl Carbazate:Â First General Synthesis of the UnusualN-Boc-N-alkenylhydrazines. Organic Letters, 2007, 9, 275-278.	4.6	49
49	Extended DÃ¶tzâ€Like Cyclization Reactions Towards the Synthesis of Eightâ€Membered Ringâ€Containing Polycycles: Scope and Theoretical Studies. Chemistry - A European Journal, 2007, 13, 7682-7700.	3.3	19
50	The Azaallylic Anion as a Synthon for Pd-Catalyzed Synthesis of Heterocycles: Domino Two- and Three-Component Synthesis of Indoles. Angewandte Chemie - International Edition, 2007, 46, 1529-1532.	13.8	126
51	N-Tosylhydrazones as Reagents for Cross-Coupling Reactions: A Route to Polysubstituted Olefins. Angewandte Chemie - International Edition, 2007, 46, 5587-5590.	13.8	340
52	Palladium-Catalyzed Alkenyl Amination: From Enamines to Heterocyclic Synthesis. ChemInform, 2006, 37, no.	0.0	0
53	Developments in Pd Catalysis: Synthesis of 1H-1,2,3-Triazoles from Sodium Azide and Alkenyl Bromides. Angewandte Chemie - International Edition, 2006, 45, 6893-6896.	13.8	115
54	A Very Simple Synthesis of Chloroalkenes and Chlorodienes by Selective Suzuki Couplings of 1,1- and 1,2-Dichloroethylene. Advanced Synthesis and Catalysis, 2006, 348, 347-353.	4.3	36

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55	Asymmetric Synthesis of Cyclic Î²-Amino Acids via Cycloaddition Reactions. , 2005, , 215-240.		1
56	Cascade Alkenyl Amination/Heck Reaction Promoted by a Bifunctional Palladium Catalyst: A Novel One-Pot Synthesis of Indoles fromo-Haloanilines and Alkenyl Halides. Chemistry - A European Journal, 2005, 11, 2276-2283.	3.3	105
57	Palladium catalyzed alkenyl amination: from enamines to heterocyclic synthesis. Chemical Communications, 2005, , 4891.	4.1	60
58	N-Trialkylsilylimines as Coupling Partners for Pd-Catalyzed Cï£¿N Bond-Forming Reactions: One-Step Synthesis of Imines and Azadienes from Aryl and Alkenyl Bromides. Angewandte Chemie - International Edition, 2004, 43, 343-345.	13.8	98
59	Palladium-Catalyzed Amination of 1-Bromo- and 1-Chloro-1,3-butadienes: A General Method for the Synthesis of 1-Amino-1,3-butadienes. Advanced Synthesis and Catalysis, 2004, 346, 1697-1701.	4.3	19
60	N-Trialkylsilylimines as Coupling Partners for Pd-Catalyzed Câ€”N Bond-Forming Reactions: One-Step Synthesis of Imines and Azadienes from Aryl and Alkenyl Bromides.. ChemInform, 2004, 35, no.	0.0	0
61	Palladium-Catalyzed Cross-Coupling Reactions of Amines with Alkenyl Bromides: A New Method for the Synthesis of Enamines and Imines.. ChemInform, 2004, 35, no.	0.0	0
62	An Imino-Dielsâ€”Alder Route to meso-2,6-Disubstituted-4-piperidones.. ChemInform, 2004, 35, no.	0.0	0
63	Palladium-Catalyzed Cross-Coupling Reactions of Amines with Alkenyl Bromides: A New Method for the Synthesis of Enamines and Imines. Chemistry - A European Journal, 2004, 10, 494-507.	3.3	79
64	An imino-Dielsâ€“Alder route to meso-2,6-disubstituted-4-piperidones. Tetrahedron Letters, 2004, 45, 4357-4360.	1.4	27
65	A Straightforward and Versatile Synthetic Approach to 1-Azabicyclic Alkaloids. Journal of Organic Chemistry, 2004, 69, 7114-7122.	3.2	19
66	Palladium catalyzed amination of vinyl chlorides: a new entry to imines, enamines and 2-amino-1,3-butadienes. Chemical Communications, 2004, , 1400-1401.	4.1	49
67	Catalytic Imino-Dielsâ€”Alder Reactions of 2-Aminodienes: A Simple Entry into Structurally Diverse Pipecolic Acid Derivatives.. ChemInform, 2003, 34, no.	0.0	0
68	A Concise and Convergent Route to 5,8-Disubstituted Indolizidine and 1,4-Disubstituted Quinolizidine Ring Cores by Diastereoselective Aza-Dielsâ^'Alder Reaction. Organic Letters, 2002, 4, 1971-1974.	4.6	37
69	Solid-Phase Synthesis of Polysubstituted Piperidines by Imino-Dielsâ^'Alder Cycloaddition of 2-Amino-1,3-butadienes with Solid-Supported Imines. Organic Letters, 2002, 4, 3667-3670.	4.6	17
70	Novel method for the synthesis of enamines by palladium catalyzed amination of alkenyl bromides. Chemical Communications, 2002, , 2362-2363.	4.1	69
71	Catalytic imino-Dielsâ€“Alder reactions of 2-aminodienes: a simple entry into structurally diverse pipecolic acid derivatives. Tetrahedron Letters, 2002, 43, 8159-8163.	1.4	15
72	Enamines in solid-phase: synthesis and reactivity towards electrophiles. Tetrahedron Letters, 2000, 41, 5683-5687.	1.4	10

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73	A Novel Approach to the Enantioselective Synthesis of Nuphar Alkaloids:Â First Total Synthesis of (â^')-(5S,8R,9S)-5- (3-Furyl)-8-methyloctahydroindolizidine and Total Synthesis of (â^')-Nupharamine. Journal of Organic Chemistry, 1999, 64, 3736-3740.	3.2	42
74	Synthesis of Enantiomerically Pure Functionalizedcis- andtrans-2-Aminocyclohexanecarboxylic Acid Derivatives. Journal of Organic Chemistry, 1998, 63, 10052-10056.	3.2	19
75	Enantioselective Synthesis of Substituted Pipecolic Acid Derivatives. Journal of Organic Chemistry, 1998, 63, 3918-3924.	3.2	38
76	Cycloaddition Reactions of Chiral 2-Amino-1,3-butadienes with Nitroalkenes:Â Synthesis of Enantiomerically Pure 4-Nitrocyclohexanones1. Journal of Organic Chemistry, 1997, 62, 6746-6753.	3.2	22
77	Enantioselective Synthesis of Highly Functionalized 4â€Piperidones by the Asymmetric Iminoâ€Dielsâ€“Alder Reaction of Chiral 2â€Aminoâ€1,3â€Butadienes. Chemistry - A European Journal, 1996, 2, 805-811.	3.3	43
78	Structure and Selectivity of a Small Dimeric Encapsulating Assembly. Chemistry - A European Journal, 1996, 2, 989-991.	3.3	13
79	PseudokugelfÃ¶rmige WirtmolekÃ¼le: Synthese, Dimerisierung und â€žKeimbildungseffekteâ€œ. Angewandte Chemie, 1995, 107, 2031-2033.	2.0	12
80	Pseudo-Spherical Host Molecules: Synthesis, Dimerization, and Nucleation Effects. Angewandte Chemie International Edition in English, 1995, 34, 1885-1887.	4.4	28
81	Synthesis and Self-Assembly of Pseudo-Spherical Homo- and Heterodimeric Capsules. Journal of the American Chemical Society, 1995, 117, 12733-12745.	13.7	103
82	Control of Self-Assembly and Reversible Encapsulation of Xenon in a Self-Assembling Dimer by Acid-Base Chemistry. Journal of the American Chemical Society, 1995, 117, 85-88.	13.7	156
83	2-Amino-1,3-butadienes as chiral building blocks: enantioselective synthesis of 4-piperidones, 4-nitrocyclohexanones, and 1,3-cycloheptadione derivatives. Journal of the American Chemical Society, 1993, 115, 4403-4404.	13.7	97
84	Stereoselective synthesis of 4-piperidone and 4-aminotetrahydropyridine derivatives by the imino Diels-Alder reaction of 2-amino-1,3-butadienes. Journal of Organic Chemistry, 1993, 58, 3391-3396.	3.2	47
85	Catalytic aminomercuration reactions of 3-alken-1-ynes: an improved method for the synthesis of 2-amino-1,3-butadienes and 1-aza-1,3-butadienes. Journal of Organic Chemistry, 1991, 56, 6166-6171.	3.2	30
86	A Very Easy and Stereoselective Synthesis of 6-Chloro-4-morpholino-3,4-dihydro-2H-thiopyrans and 6-Chloro-2,3-dihydro-4H-thiopyran-4-ones. Synlett, 1991, 1991, 487-488.	1.8	11
87	Reactivity of 2-morpholinobutadienes with heterocumulenes: Stereoselective synthesis of thiins and new 2-morpholinobutadiene derivatives. Tetrahedron Letters, 1990, 31, 5237-5240.	1.4	17
88	Substituent effects on the reactivity of 2-morpholinobutadienes in the presence of dienophiles. Journal of the Chemical Society Perkin Transactions 1, 1990, , 633-638.	0.9	15
89	2-Morpholinobutadienes as synthon for the regioselective preparation of 3-Morpholino-1,4-pentadienes and Î²-hydroxyvinylketones. Tetrahedron Letters, 1989, 30, 5923-5926.	1.4	10
90	A very simple synthesis of divinylketones. Tetrahedron Letters, 1989, 30, 1413-1416.	1.4	19