

JÃ¼an Carlos Carretero

List of Publications by Year in descending order

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210
papers

12,241
citations

20817

60
h-index

33894

99
g-index

298
all docs

298
docs citations

298
times ranked

6803
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Applications of Chiral Ferrocene Ligands in Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7674-7715.	13.8	689
2	Novel dipolarophiles and dipoles in the metal-catalyzed enantioselective 1,3-dipolar cycloaddition of azomethine ylides. <i>Chemical Communications</i> , 2011, 47, 6784.	4.1	385
3	Palladium(II)-Catalyzed Regioselective Direct C2 Alkenylation of Indoles and Pyrroles Assisted by the <i>N</i> -(2-Pyridyl)sulfonyl Protecting Group. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6511-6515.	13.8	328
4	Recent advances in the catalytic asymmetric 1,3-dipolar cycloaddition of azomethine ylides. <i>Chemical Communications</i> , 2014, 50, 12434-12446.	4.1	321
5	Catalytic asymmetric direct Mannich reaction: a powerful tool for the synthesis of β,β -diamino acids. <i>Chemical Society Reviews</i> , 2009, 38, 1940.	38.1	295
6	Ligand Effects in Gold- and Platinum-Catalyzed Cyclization of Enynes: Chiral Gold Complexes for Enantioselective Alkoxylation. <i>Organometallics</i> , 2005, 24, 1293-1300.	2.3	290
7	Highly Enantioselective Copper(I)-Fesulphos-Catalyzed 1,3-Dipolar Cycloaddition of Azomethine Ylides. <i>Journal of the American Chemical Society</i> , 2005, 127, 16394-16395.	13.7	259
8	A Copper(II)-Catalyzed Aza-Friedel-Crafts Reaction of <i>N</i> -(2-Pyridyl)sulfonyl Aldimines: Synthesis of Unsymmetrical Diaryl Amines and Triaryl Methanes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 629-633.	13.8	218
9	Palladium-catalyzed <i>N</i> -(2-pyridyl)sulfonyl-directed C(sp ³)-H arylation of amino acid derivatives. <i>Chemical Science</i> , 2013, 4, 175-179.	7.4	218
10	Chiral Copper Complexes of Phosphino Sulfonyl Ferrocenes as Efficient Catalysts for Enantioselective Formal Aza Diels-Alder Reactions of <i>N</i> -Sulfonyl Imines. <i>Journal of the American Chemical Society</i> , 2004, 126, 456-457.	13.7	197
11	Ligand Effects in Gold- and Platinum-Catalyzed Cyclization of Enynes: Chiral Gold Complexes for Enantioselective Alkoxylation. <i>ChemInform</i> , 2005, 36, no.	0.0	181
12	Catalytic Asymmetric Inverse-Electron-Demand Diels-Alder Reaction of <i>N</i> -Sulfonyl-1-Aza-1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2007, 129, 1480-1481.	13.7	180
13	Pd-catalyzed C-H Functionalisation of Indoles and Pyrroles Assisted by the Removable <i>N</i> -(2-Pyridyl)sulfonyl Group: C-Alkenylation and Dehydrogenative Homocoupling. <i>Chemistry - A European Journal</i> , 2010, 16, 9676-9685.	3.3	177
14	Regiocontrolled Cu-Catalyzed Borylation of Propargylic-Functionalized Internal Alkynes. <i>Journal of the American Chemical Society</i> , 2012, 134, 7219-7222.	13.7	149
15	Catalytic Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylides with Vinyl Sulfones. <i>Organic Letters</i> , 2006, 8, 1795-1798.	4.6	148
16	Gold-Catalyzed Synthesis of Alkylidene 2-Oxazolidinones and 1,3-Oxazin-2-ones. <i>Journal of Organic Chemistry</i> , 2006, 71, 5023-5026.	3.2	135
17	Pd-catalyzed C-H Olefination of <i>N</i> -(2-Pyridyl)sulfonyl Anilines and Arylalkylamines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10927-10931.	13.8	132
18	1-Phosphino-2-sulfonylferrocenes as Planar Chiral Ligands in Enantioselective Palladium-Catalyzed Allylic Substitutions. <i>Journal of Organic Chemistry</i> , 2003, 68, 3679-3686.	3.2	124

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19	Copper-catalyzed ortho-Câ€“H amination of protected anilines with secondary amines. <i>Chemical Communications</i> , 2014, 50, 2801.	4.1	122
20	Enantioselective construction of stereogenic quaternary centres via Rh-catalyzed asymmetric addition of alkenylboronic acids to $\hat{1}\pm, \hat{1}^2$ -unsaturated pyridylsulfones. <i>Chemical Communications</i> , 2005, , 4961.	4.1	121
21	Palladium-Catalyzed Carbonylative Cyclization of Amines via $\hat{1}^3\text{-C}(\text{sp}^3)$ â€“H Activation: Late-Stage Diversification of Amino Acids and Peptides. <i>ACS Catalysis</i> , 2016, 6, 6868-6882.	11.2	121
22	Bis-Sulfonyl Ethylene as Masked Acetylene Equivalent in Catalytic Asymmetric [3 + 2] Cycloaddition of Azomethine Ylides. <i>Journal of the American Chemical Society</i> , 2008, 130, 10084-10085.	13.7	120
23	Cuâ€“Fesulphos complexes: efficient chiral catalysts for asymmetric 1,3-dipolar cycloaddition of azomethine ylides. <i>Tetrahedron</i> , 2007, 63, 6587-6602.	1.9	119
24	Rhodium-Catalyzed Enantioselective Conjugate Addition of Organoboronic Acids to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Sulfones. <i>Organic Letters</i> , 2004, 6, 3195-3198.	4.6	118
25	Palladium-Catalyzed Cross-Coupling Reaction of Secondary Benzylic Bromides with Grignard Reagents. <i>Organic Letters</i> , 2009, 11, 5514-5517.	4.6	117
26	Catalytic Asymmetric Conjugate Reduction of $\hat{1}^2, \hat{1}^2$ -Disubstituted $\hat{1}\pm, \hat{1}^2$ -Unsaturated Sulfones. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3329-3332.	13.8	113
27	Pd ^{II} -Catalyzed Di- <i>o</i> -olefination of Carbazoles Directed by the Protecting <i>N</i> -(2-Pyridyl)sulfonyl Group. <i>Organic Letters</i> , 2013, 15, 1120-1123.	4.6	112
28	Stereochemical diversity in pyrrolidine synthesis by catalytic asymmetric 1,3-dipolar cycloaddition of azomethine ylides. <i>Chemical Communications</i> , 2019, 55, 11979-11991.	4.1	111
29	2â€“Pyridyl Sulfoxide: A Versatile and Removable Directing Group for the Pd ^{II} -Catalyzed Direct C-H Olefination of Arenes. <i>Chemistry - A European Journal</i> , 2011, 17, 3567-3570.	3.3	109
30	The Phenylsulfonyl Group as a Temporal Regiochemical Controller in the Catalytic Asymmetric 1,3â€“Dipolar Cycloaddition of Azomethine Ylides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 340-343.	13.8	108
31	Direct Mannich Reaction of Glycinate Schiff Bases with <i>N</i> -(8-Quinoly) sulfonyl Imines: A Catalytic Asymmetric Approach to <i>anti</i> - $\hat{1}\pm, \hat{1}^2$ -Diamino Esters. <i>Journal of the American Chemical Society</i> , 2008, 130, 16150-16151.	13.7	106
32	Rh ^I /Rh ^{III} catalyst-controlled divergent aryl/heteroaryl C-H bond functionalization of picolinamides with alkynes. <i>Chemical Science</i> , 2015, 6, 5802-5814.	7.4	100
33	Transition-Metal-Catalyzed Functionalization of Alkynes with Organoboron Reagents: New Trends, Mechanistic Insights, and Applications. <i>ACS Catalysis</i> , 2021, 11, 7513-7551.	11.2	100
34	Fesulphos-Palladium(II) Complexes as Well-Defined Catalysts for Enantioselective Ring Opening of Meso Heterobicyclic Alkenes with Organozinc Reagents. <i>Journal of the American Chemical Society</i> , 2005, 127, 17938-17947.	13.7	99
35	Catalytic Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides with $\hat{1}\pm, \hat{1}^2$ -Unsaturated Ketones. <i>Organic Letters</i> , 2009, 11, 393-396.	4.6	97
36	Enantioselective Synthesis of Chiral Sulfones by Rh-Catalyzed Asymmetric Addition of Boronic Acids to $\hat{1}\pm, \hat{1}^2$ -Unsaturated 2-Pyridyl Sulfones. <i>Journal of Organic Chemistry</i> , 2007, 72, 9924-9935.	3.2	94

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37	Catalytic asymmetric conjugate boration of $\hat{1},\hat{2}$ -unsaturated sulfones. <i>Chemical Communications</i> , 2011, 47, 6701.	4.1	91
38	Cationic Planar Chiral Palladium P,S Complexes as Highly Efficient Catalysts in the Enantioselective Ring Opening of Oxa- and Azabicyclic Alkenes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3944-3947.	13.8	89
39	Catalytic Asymmetric Vinylogous Mannich Reaction of $\langle i \rangle N \langle /i \rangle$ -(2-Thienyl)sulfonylimines. <i>Organic Letters</i> , 2008, 10, 4335-4337.	4.6	88
40	Copper-catalyzed ortho-halogenation of protected anilines. <i>Chemical Communications</i> , 2013, 49, 11044.	4.1	88
41	Formal Regiocontrolled Hydroboration of Unbiased Internal Alkynes via Borylation/Allylic Alkylation of Terminal Alkynes. <i>Organic Letters</i> , 2013, 15, 2054-2057.	4.6	87
42	2-Amino-Substituted 1-Sulfinylferrocenes as Chiral Ligands in the Addition of Diethylzinc to Aromatic Aldehydes. <i>Journal of Organic Chemistry</i> , 2002, 67, 1346-1353.	3.2	86
43	The tert-Butylsulfinyl Group as a Highly Efficient Chiral Auxiliary in Asymmetric Pauson $\hat{\sim}$ Khand Reactions. <i>Journal of the American Chemical Society</i> , 1999, 121, 7411-7412.	13.7	81
44	Copper(I)-Fesulphos Lewis Acid Catalysts for Enantioselective Mannich-Type Reaction of N-Sulfonyl Imines. <i>Organic Letters</i> , 2006, 8, 2977-2980.	4.6	81
45	Catalytic Asymmetric Synthesis of $\hat{1},\hat{2}$ -Quaternary Proline Derivatives by 1,3 $\hat{\Delta}$ Dipolar Cycloaddition of $\hat{1},\hat{2}$ -Silylimines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8854-8858.	13.8	80
46	Butenolide Synthesis by Molybdenum-Mediated Hetero-Pauson $\hat{\sim}$ Khand Reaction of Alkynyl Aldehydes. <i>Journal of the American Chemical Society</i> , 2007, 129, 778-779.	13.7	78
47	Palladium-Catalyzed Coupling of Arene C \hat{H} Bonds with Methyl- and Arylboron Reagents Assisted by the Removable 2-Pyridylsulfonyl Group. <i>Journal of Organic Chemistry</i> , 2011, 76, 9525-9530.	3.2	78
48	Alkenyl Arenes as Dipolarophiles in Catalytic Asymmetric 1,3 $\hat{\Delta}$ Dipolar Cycloaddition Reactions of Azomethine Ylides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15334-15338.	13.8	73
49	Copper-Catalyzed Enantioselective Conjugate Addition of Dialkylzinc Reagents to (2-Pyridyl)sulfonyl Imines of Chalcones. <i>Journal of Organic Chemistry</i> , 2005, 70, 7451-7454.	3.2	72
50	Cu-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides with $\hat{2}$ -Phenylsulfonyl Enones. Ligand Controlled Diastereoselectivity Reversal. <i>Journal of Organic Chemistry</i> , 2010, 75, 233-236.	3.2	68
51	Au-Catalyzed Asymmetric Formal [3 + 2] Cycloaddition of Isocynoacetates with Maleimides. <i>Journal of Organic Chemistry</i> , 2012, 77, 4161-4166.	3.2	68
52	Chiral thioether-based catalysts in asymmetric synthesis: recent advances. <i>Chemical Communications</i> , 2011, 47, 2207-2211.	4.1	66
53	Cu-Catalyzed Silylation of Alkynes: A Traceless 2-Pyridylsulfonyl Controller Allows Access to Either Regioisomer on Demand. <i>Journal of the American Chemical Society</i> , 2015, 137, 6857-6865.	13.7	65
54	Ni-Catalyzed [8+3] cycloaddition of tropones with 1,1-cyclopropanediesteres. <i>Chemical Communications</i> , 2013, 49, 10406-10408.	4.1	64

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55	Asymmetric Intermolecular Pauson-Khand Reactions of Unstrained Olefins: The (o-Dimethylamino)phenylsulfinyl Group as an Efficient Chiral Auxiliary. <i>Journal of the American Chemical Society</i> , 2003, 125, 14992-14993.	13.7	63
56	A practical route towards α,β -unsaturated γ -lactones based on a [3+3] strategy. Synthesis of (α)-argentilactone. <i>Tetrahedron Letters</i> , 1988, 29, 2059-2061.	1.4	62
57	Sulfoxides as Stereochemical Controllers in Intermolecular Heck Reactions. <i>Chemistry - A European Journal</i> , 2001, 7, 3890-3900.	3.3	62
58	Palladium-Catalyzed Cascade Reaction of α,β -Unsaturated Sulfoxides with Aryl Iodides. <i>Chemistry - A European Journal</i> , 2003, 9, 1511-1520.	3.3	62
59	Oligopyrrole Synthesis by 1,3-Dipolar Cycloaddition of Azomethine Ylides with Bissulfonyl Ethylenes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9261-9264.	13.8	62
60	1-Phosphino-2-sulfonylferrocenes: efficient ligands in enantioselective palladium-catalyzed allylic substitutions and ring opening of 7-oxabenzonorbornadienes. <i>Chemical Communications</i> , 2002, , 2512-2513.	4.1	61
61	Copper-Catalyzed Anti-Stereocontrolled Ring Opening of Oxabicyclic Alkenes with Grignard Reagents. <i>Organic Letters</i> , 2003, 5, 1333-1336.	4.6	60
62	(2-Pyridylmethyl)imines as Azomethine Precursors in Catalytic Asymmetric [3 + 2] Cycloadditions. <i>Organic Letters</i> , 2010, 12, 5608-5611.	4.6	60
63	Understanding the Behavior of <i>N</i> -Tosyl and <i>N</i> -2-Pyridylsulfonyl Imines in Cu-Catalyzed Aza-Friedel-Crafts Reactions. <i>Journal of Organic Chemistry</i> , 2008, 73, 6401-6404.	3.2	59
64	Substrate-Controlled Diastereoselectivity Switch in Catalytic Asymmetric Direct Mannich Reaction of Glycine Derivatives with Imines: From anti- to syn- α,β -Diamino Acids. <i>Chemistry - A European Journal</i> , 2010, 16, 1153-1157.	3.3	59
65	Methyl 3-phenylsulfonyl orthopropionate: A new reagent for cyclopentannulation. <i>Tetrahedron Letters</i> , 1986, 27, 5099-5102.	1.4	58
66	Pyrrole and Oligopyrrole Synthesis by 1,3-Dipolar Cycloaddition of Azomethine Ylides with Sulfonyl Dipolarophiles. <i>Chemistry - A European Journal</i> , 2010, 16, 9864-9873.	3.3	58
67	Stereoselective Synthesis of Polyhydroxylated Indolizidines from β -Hydroxy α,β -Unsaturated Sulfoxides. <i>Journal of Organic Chemistry</i> , 1998, 63, 2993-3005.	3.2	57
68	Lipase-catalyzed kinetic resolution of γ -hydroxy phenyl sulfoxides. <i>Journal of Organic Chemistry</i> , 1992, 57, 3867-3873.	3.2	56
69	Catalytic Asymmetric 1,3-Dipolar Cycloaddition of α -Aminonitriles. <i>Chemistry - A European Journal</i> , 2010, 16, 5286-5291.	3.3	55
70	Enantioselective synthesis of 4-aminopyrrolidine-2,4-dicarboxylate derivatives via Ag-catalyzed cycloaddition of azomethine ylides with alkylidene azlactones. <i>Chemical Communications</i> , 2013, 49, 4649.	4.1	54
71	Sulfinyl Group as a Novel Chiral Auxiliary in Asymmetric Heck Reactions. <i>Journal of the American Chemical Society</i> , 1998, 120, 7129-7130.	13.7	53
72	Stereoselective Ag-Catalyzed 1,3-Dipolar Cycloaddition of Activated Trifluoromethyl-Substituted Azomethine Ylides. <i>Chemistry - A European Journal</i> , 2016, 22, 4952-4959.	3.3	53

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73	Cobalt-Catalyzed <i>ortho</i> -C-H Functionalization/Alkyne Annulation of Benzylamine Derivatives: Access to Dihydroisoquinolines. <i>Chemistry - A European Journal</i> , 2017, 23, 11669-11676.	3.3	53
74	Ferrocenylphosphines as New Catalysts for Baylis-Hillman Reactions. <i>Journal of Organic Chemistry</i> , 2005, 70, 10175-10177.	3.2	52
75	Unusual Palladium-Catalyzed Cascade Arylation of β,β -Unsaturated Phenyl Sulfones under Heck Reaction Conditions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1291-1293.	13.8	51
76	Catalytic Enantioselective Approach to the Stereodivergent Synthesis of (+)-Lasubines I and II. <i>Journal of Organic Chemistry</i> , 2007, 72, 10294-10297.	3.2	50
77	Cu-catalyzed asymmetric [3+2] cycloaddition of β -iminoamides with activated olefins. <i>Chemical Communications</i> , 2012, 48, 2149.	4.1	47
78	Synthesis of Polymer-Supported Fesulphos Ligands and their Application in Asymmetric Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1714-1724.	4.3	46
79	Copper-Catalyzed Anti-Stereocontrolled Ring-Opening of Azabicyclic Alkenes with Grignard Reagents. <i>Organic Letters</i> , 2005, 7, 219-221.	4.6	45
80	Synthesis of alkylidene pyrrolo[3,4-b]pyridin-7-one derivatives via Rh ^{III} -catalyzed cascade oxidative alkenylation/annulation of picolinamides. <i>Chemical Communications</i> , 2014, 50, 6105-6107.	4.1	45
81	Copper-Catalyzed Mild Nitration of Protected Anilines. <i>Chemistry - A European Journal</i> , 2014, 20, 13854-13859.	3.3	45
82	Benzyl Methyl (S)-2-(<i>p</i> -Tolylsulfinyl)maleate, an Efficient Dienophile in Asymmetric Diels-Alder Reactions. <i>Journal of Organic Chemistry</i> , 1994, 59, 1499-1508.	3.2	43
83	One-Step Palladium-Catalyzed Synthesis of Substituted Dihydrofurans from the Carbonate Derivatives of β -Hydroxy- β,β -unsaturated Sulfones. <i>Journal of Organic Chemistry</i> , 1998, 63, 9406-9413.	3.2	43
84	Synthesis of β,β -unsaturated sulphonates via the Wittig-Horner reaction. <i>Tetrahedron</i> , 1987, 43, 5125-5134.	1.9	41
85	A stereoselective approach to polyhydroxylated quinolizidine alkaloids. <i>Tetrahedron Letters</i> , 1997, 38, 8537-8540.	1.4	41
86	Vinyl Sulfoxides as Stereochemical Controllers in Intermolecular Pauson-Khand Reactions: Applications to the Enantioselective Synthesis of Natural Cyclopentanoids. <i>Chemistry - A European Journal</i> , 2004, 10, 5443-5459.	3.3	41
87	Palladium Complexes of Chiral Planar 1-Phosphino-2-sulphenylferrocenes as Efficient Catalysts in Enantioselective Diels-Alder Reactions. <i>Organometallics</i> , 2005, 24, 557-561.	2.3	41
88	Synthesis and Diels-Alder reactions of (+)-(S)-1- <i>t</i> -Butylsulfonyl-1- <i>p</i> -tolylsulfinylethene, a new masked chiral ketene equivalent. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 93-96.	1.8	39
89	Stereoselective approach to optically pure syn 2-amino alcohol derivatives. <i>Tetrahedron Letters</i> , 1994, 35, 4603-4606.	1.4	39
90	Pd-Catalyzed Directed <i>ortho</i> -C-H Alkenylation of Phenylalanine Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 3321-3331.	3.2	39

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91	Methyl 3-phenylsulphonyl orthopropionate: an efficient reagent for the synthesis of β -lactones and butenolides. <i>Tetrahedron Letters</i> , 1987, 28, 2135-2138.	1.4	38
92	Highly diastereoselective diels-alder reaction of optically active 2-p-tolylsulphinyl-2-cycloalkenones with cyclopentadiene. <i>Tetrahedron Letters</i> , 1989, 30, 3853-3856.	1.4	38
93	Mild and Efficient Molybdenum-Mediated Pauson-Khand-Type Reaction. <i>Organic Letters</i> , 2005, 7, 431-434.	4.6	38
94	Alkylation of Aryl α -(2-Pyridylsulfonyl)aldehydes with Organozinc Halides: Conciliation of Reactivity and Chemoselectivity. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9257-9260.	13.8	38
95	A practical route to (E)- β -hydroxy- α -unsaturated phenyl sulfones. <i>Tetrahedron</i> , 1990, 46, 7197-7206.	1.9	37
96	Beyond classical sulfone chemistry: metal- and photocatalytic approaches for C-S bond functionalization of sulfones. <i>Chemical Society Reviews</i> , 2022, 51, 6774-6823.	38.1	37
97	A new method for the iterative construction of enantiomerically pure polypropionate chains. <i>Journal of Organic Chemistry</i> , 1993, 58, 1596-1600.	3.2	36
98	Catalytic asymmetric Mannich reaction of glycine Schiff bases with α -amido sulfones as precursors of aliphatic imines. <i>Chemical Communications</i> , 2012, 48, 9622.	4.1	36
99	Intramolecular Pauson-Khand Reactions of α -Unsaturated Esters and Related Electron-Deficient Olefins. <i>Journal of Organic Chemistry</i> , 2003, 68, 2975-2978.	3.2	35
100	Enantioselective Synthesis of α -Heteroarylpyrrolidines by Copper-Catalyzed 1,3-Dipolar Cycloaddition of α -Silylimines. <i>Organic Letters</i> , 2014, 16, 2228-2231.	4.6	35
101	Highly Selective Copper-Catalyzed Asymmetric [3+2] Cycloaddition of Azomethine Ylides with Acyclic 1,3-Dienes. <i>Chemistry - A European Journal</i> , 2015, 21, 4561-4565.	3.3	35
102	CuI-Catalyzed Asymmetric [3 + 2] Cycloaddition of Azomethine Ylides with Cyclobutenones. <i>Organic Letters</i> , 2018, 20, 3179-3182.	4.6	35
103	Stereoselective synthesis of substituted β -butyrolactones from β -hydroxy- α -unsaturated phenyl sulfones. <i>Tetrahedron</i> , 1993, 49, 9787-9800.	1.9	34
104	Palladium-Catalyzed Allylic Substitution in β -Oxygenated Vinyl Sulfones: A One-Step Synthesis of Tetrasubstituted Dihydrofurans. <i>Journal of Organic Chemistry</i> , 1997, 62, 5682-5683.	3.2	34
105	The Phenylsulfonyl Group as an endo Stereochemical Controller in Intramolecular Pauson-Khand Reactions of 3-Oxygenated 1,6-Enynes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2906-2909.	13.8	34
106	Synthesis of Medium-Sized Cyclic Amines by Selective Ring Cleavage of Sulfonylated Bicyclic Amines. <i>Organic Letters</i> , 2001, 3, 2957-2960.	4.6	34
107	Asymmetric Diels-Alder reactions of β -alkoxy- α -sulfinylbutenolides. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 177-180.	1.8	33
108	Heterologous Over-expression of α -1,6-Fucosyltransferase from <i>Rhizobium</i> sp.: Application to the Synthesis of the Trisaccharide β -D-GlcNAc(1 \rightarrow 4)-[α -L-Fuc(1 \rightarrow 6)]-D-GlcNAc, Study of the Acceptor Specificity and Evaluation of Polyhydroxylated Indolizidines as Inhibitors. <i>Chemistry - A European Journal</i> , 2001, 7, 2390-2397.	3.3	33

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109	Copper-Catalyzed Ring-Opening of Heterobicyclic Alkenes with Grignard Reagents: Remarkably High anti-Stereocontrol. <i>Synthesis</i> , 2006, 2006, 1205-1219.	2.3	33
110	Functionalized Grignard Reagents in Kumada Cross-Coupling Reactions. <i>ChemCatChem</i> , 2010, 2, 1384-1386.	3.7	32
111	Synthesis and conjugate additions to (E)- β -alkoxy- α -substituted- α,β -unsaturated sulfones. <i>Tetrahedron Letters</i> , 1991, 32, 1385-1388.	1.4	31
112	The 2-(N,N-Dimethylamino)phenylsulfinyl Group as an Efficient Chiral Auxiliary in Intramolecular Heck Reactions. <i>Organic Letters</i> , 2000, 2, 1451-1454.	4.6	31
113	Regioselective synthesis of 3,6-disubstituted-2-aminoimidazo[1,2-a]pyridines. <i>Tetrahedron Letters</i> , 2002, 43, 9051-9054.	1.4	31
114	Rationalizing the Role of NaO ^t Bu in Copper-Catalyzed Carboboration of Alkynes: Assembly of Allylic All-Carbon Quaternary Stereocenters. <i>ACS Catalysis</i> , 2018, 8, 8993-9005.	11.2	31
115	Facile synthesis of E- β -hydroxy- α,β -unsaturated sulfones from aldehydes. <i>Tetrahedron Letters</i> , 1990, 31, 2487-2490.	1.4	30
116	Diels-Alder reaction of (S)-2-p-tolylsulfinyl-2-cyclopentenone with Dane's diene: an efficient approach to the enantioselective preparation of perhydro-cyclopenta[a]phenanthrenes. <i>Tetrahedron Letters</i> , 1994, 35, 9461-9464.	1.4	30
117	anti-Hydroarylation of Activated Internal Alkynes: Merging Pd and Energy Transfer Catalysis. <i>Organic Letters</i> , 2020, 22, 6473-6478.	4.6	30
118	The sulfinyl group as a chiral inductor in asymmetric Diels-Alder reactions. <i>Pure and Applied Chemistry</i> , 1996, 68, 925-930.	1.9	29
119	Silver-Catalyzed 1,3-Dipolar Cycloaddition of Azomethine Ylides with β -Boryl Acrylates. <i>Journal of Organic Chemistry</i> , 2011, 76, 1945-1948.	3.2	29
120	Chelation-Induced Catalytic Multiple Arylation of Allylic 2-Pyridyl Sulfones. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1651-1654.	4.3	28
121	Efficient stereoselective access to polyhydroxylated indolizidine compounds based on γ -hydroxy- α,β -unsaturated sulfones. <i>Journal of Organic Chemistry</i> , 1995, 60, 6000-6001.	3.2	27
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