

David Guijarro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrochemically site-selective alkoxylation of twisted 2-arylbenzoic acids <i>via</i> spiro-lactonization. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5130-5138.	4.5	12
2	Cross-dehydrogenative coupling involving benzylic and allylic C-H bonds. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1717-1742.	4.5	47
3	Synthesis of Propargylamines by Cross-Dehydrogenative Coupling. <i>Current Green Chemistry</i> , 2019, 6, 105-126.	1.1	9
4	Synthesis of Allylic Amines by Asymmetric Transfer Hydrogenation of α,β -Unsaturated <i>N</i> -(<i>tert</i> -Butylsulfinyl)imines. <i>Journal of Organic Chemistry</i> , 2017, 82, 13693-13699.	3.2	11
5	Zn/MeOH-Mediated Practical and Easy Detritylation of Protected 1-Trityltetrazoles. <i>Synthesis</i> , 2016, 48, 2455-2460.	2.3	6
6	Indium-mediated cleavage of the trityl group from protected alcohols and diols. <i>Tetrahedron</i> , 2016, 72, 7937-7941.	1.9	2
7	LiCl-mediated, easy, and low-cost removal of the trityl group from protected alcohols and diols. <i>Tetrahedron Letters</i> , 2016, 57, 3526-3528.	1.4	4
8	Indium-Mediated Cleavage of the Trityl Group from Protected 1H-Tetrazoles. <i>Synlett</i> , 2015, 26, 2399-2402.	1.8	7
9	Reductive Removal of the Pivaloyl Protecting Group from Tetrazoles by a Naphthalene-Catalyzed Lithiation Process. <i>Synthesis</i> , 2015, 47, 507-510.	2.3	8
10	Microwave-Enhanced Asymmetric Transfer Hydrogenation of <i>N</i> -(<i>tert</i> -Butylsulfinyl)imines. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7034-7038.	2.4	24
11	Detritylation of Protected Tetrazoles by Naphthalene-Catalyzed Lithiation. <i>Synthesis</i> , 2014, 46, 2065-2070.	2.3	5
12	Synthesis of Nitrogenated Heterocycles by Asymmetric Transfer Hydrogenation of <i>N</i> -(<i>tert</i> -Butylsulfinyl)haloimines. <i>Journal of Organic Chemistry</i> , 2013, 78, 9181-9189.	3.2	40
13	Polymer-supported <i>l</i> -prolinol-based catalysts for the enantioselective addition of dialkylzinc reagents to <i>N</i> -(diphenylphosphinyl)imines. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 116-120.	1.8	8
14	Synthesis of β -, γ -, and δ -Lactams by Asymmetric Transfer Hydrogenation of <i>N</i> -(<i>tert</i> -Butylsulfinyl)iminoesters. <i>Journal of Organic Chemistry</i> , 2013, 78, 3647-3654.	3.2	40
15	Microwave-Assisted Solvent-Free Synthesis of Enantiomerically Pure <i>N</i> -(<i>tert</i> -Butylsulfinyl)imines. <i>Journal of Organic Chemistry</i> , 2012, 77, 5744-5750.	3.2	77
16	Chiral β -Amino Alcohols as Ligands for the Ruthenium-Catalyzed Asymmetric Transfer Hydrogenation of <i>N</i> -Phosphinyl Ketimines. <i>Applied Sciences (Switzerland)</i> , 2012, 2, 1-12.	2.5	7
17	A Versatile Ru Catalyst for the Asymmetric Transfer Hydrogenation of Both Aromatic and Aliphatic Sulfinylimines. <i>Chemistry - A European Journal</i> , 2012, 18, 1969-1983.	3.3	53
18	Non-Deprotonating Methodologies for Organolithium Reagents Starting from Non-Halogenated Materials. Part 1: Carbon-Heteroatom Bond Cleavage. <i>Current Organic Chemistry</i> , 2011, 15, 375-400.	1.6	9

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19	Non-Deprotonating Methodologies for Organolithium Reagents Starting from Non-Halogenated Materials. Part 2: Transmetalation and Addition to Multiple Bonds. <i>Current Organic Chemistry</i> , 2011, 15, 2362-2389.	1.6	8
20	Achiral $\hat{1}^2$ -amino alcohols as efficient ligands for the ruthenium-catalysed asymmetric transfer hydrogenation of sulfinylimines. <i>Tetrahedron Letters</i> , 2011, 52, 789-791.	1.4	27
21	Asymmetric synthesis of $\hat{1}^\pm$ - and $\hat{1}^2$ -amino acids by diastereoselective addition of triorganozincates to N-(tert-butanefulfinyl)imines. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1421-1431.	1.8	19
22	Asymmetric Synthesis of Chiral Primary Amines by Transfer Hydrogenation of $\hat{1}^2$ -N-(tert-butanesulfinyl)ketimines. <i>Journal of Organic Chemistry</i> , 2010, 75, 5265-5270.	3.2	54
23	An improved procedure for the diastereoselective addition of triorganozincates to N-(tert-butanefulfinyl)imines: use of catalytic dialkylzinc. <i>Tetrahedron Letters</i> , 2009, 50, 3198-3201.	1.4	22
24	Application of the addition of triorganozincates to N-(tert-butanefulfinyl)imines to the enantioselective synthesis of $\hat{1}^\pm$ -amino acids. <i>Tetrahedron Letters</i> , 2009, 50, 4188-4190.	1.4	23
25	Ruthenium-catalysed asymmetric transfer hydrogenation of N-(tert-butanefulfinyl)imines. <i>Tetrahedron Letters</i> , 2009, 50, 5386-5388.	1.4	56
26	Triorganozincates as efficient nucleophiles for the diastereoselective addition to N-(tert-butanefulfinyl)imines. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 603-606.	1.8	41
27	Microwave-accelerated enantioselective addition of dialkylzinc reagents to N-(diphenylphosphinoyl)imines catalysed by $\hat{1}^2$ -aminoalcohols with the prolinol skeleton. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1376-1380.	1.8	20
28	Synthesis of highly enantiomerically enriched amines by the diastereoselective addition of triorganozincates to N-(tert-butanefulfinyl)imines. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2484-2491.	1.8	53
29	Nickel-catalysed addition of dialkylzinc reagents to N-phosphinoyl- and N-sulfonylimines. <i>Tetrahedron</i> , 2007, 63, 1167-1174.	1.9	21
30	N-Benzyl-l-prolinol: an efficient catalyst for the enantioselective addition of dialkylzinc reagents to N-(diphenylphosphinoyl)imines. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 896-899.	1.8	19
31	Enantioselective addition of dialkylzinc reagents to N-(diphenylphosphinoyl)imines catalyzed by $\hat{1}^2$ -aminoalcohols with the prolinol skeleton. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2828-2840.	1.8	32
32	Reductive removal of the Boc protecting group via a DTBB-catalysed lithiation reaction. <i>Arkivoc</i> , 2007, 2007, 41-50.	0.5	0
33	Deallyloxy- and Debenzyloxycarbonylation of Protected Alcohols, Amines and Thiols via a Naphthalene-Catalyzed Lithiation Reaction.. <i>ChemInform</i> , 2006, 37, no.	0.0	1
34	Deacylation of Esters, Thioesters and Amides by a Naphthalene-Catalysed Lithiation. <i>Synthesis</i> , 2006, 2006, 309-314.	2.3	3
35	Nickel-accelerated addition of dialkylzinc reagents to aldehydes. Application to enantioselective synthesis. <i>Arkivoc</i> , 2006, 2006, 18-28.	0.5	4
36	Desilylation procedure via a naphthalene-catalysed lithiation reaction. <i>Tetrahedron</i> , 2005, 61, 6908-6915.	1.9	14

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37	Deallyloxy- and debenzyloxycarbonylation of protected alcohols, amines and thiols via a naphthalene-catalysed lithiation reaction. <i>Tetrahedron</i> , 2005, 61, 9319-9324.	1.9	17
38	Desilylation Procedure via a Naphthalene-Catalyzed Lithiation Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.0	2
39	The Favorskii Rearrangement: Synthetic Applications. <i>Current Organic Chemistry</i> , 2005, 9, 1713-1735.	1.6	48
40	Detritylation Procedure under Non-Acidic Conditions: Naphthalene Catalyzed Reductive Cleavage of Trityl Ethers.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
41	Benzylolithium from methylated benzylamine and its ammonium salt via naphthalene-catalyzed carbon-nitrogen bond reductive cleavage. <i>Arkivoc</i> , 2004, 2004, 5-13.	0.5	1
42	Reductive Defluorination of Fluoroalkanes.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
43	Direct Transformation of Allylic and Benzylic Thiols, Thioethers, and Disulfides into Organolithium Compounds.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
44	Reductive defluorination of fluoroalkanes. <i>Tetrahedron</i> , 2003, 59, 1237-1244.	1.9	18
45	Direct Transformation of Allylic and Benzylic Thiols, Thioethers, and Disulfides into Organolithium Compounds. <i>Synthetic Communications</i> , 2003, 33, 2365-2376.	2.1	19
46	Detritylation Procedure under Non-Acidic Conditions: Naphthalene Catalysed Reductive Cleavage of Trityl Ethers. <i>Synthesis</i> , 2003, 2003, 2179-2184.	2.3	16
47	Generation of allylic and benzylic organolithium compounds by fluorine-lithium exchange: reaction with electrophiles. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 53-57.	1.8	24
48	DTBB-Catalysed dilithiation of styrene and its methyl-derivatives: introduction of two electrophilic reagents. <i>Tetrahedron</i> , 2001, 57, 10119-10124.	1.9	49
49	Arene-Catalysed Lithiation of Fluoroarenes. <i>Tetrahedron</i> , 2000, 56, 1135-1138.	1.9	20
50	Generation of allylic and benzylic organolithium reagents from the corresponding ester, amide, carbonate, carbamate and urea derivatives. <i>Tetrahedron</i> , 1999, 55, 11027-11038.	1.9	34
51	(1S, 3R, 4R)-2-Azanorbornyl-3-methanol oxazaborolidines in the asymmetric reduction of ketones. <i>Tetrahedron</i> , 1998, 54, 7897-7906.	1.9	38
52	Aziridino alcohols as catalysts for the enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron</i> , 1998, 54, 14213-14232.	1.9	41
53	(1S,3R,4R)-2-Azanorbornylmethanol, an Efficient Ligand for Ruthenium-Catalyzed Asymmetric Transfer Hydrogenation of Ketones. <i>Journal of Organic Chemistry</i> , 1998, 63, 2749-2751.	3.2	135
54	Enantioselective Addition of Dialkylzinc Reagents to N-(Diphenylphosphinoyl) Imines Promoted by 2-Azanorbornylmethanols. <i>Journal of Organic Chemistry</i> , 1998, 63, 2530-2535.	3.2	90

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55	Preparation and Use of Aziridino Alcohols as Promoters for the Enantioselective Addition of Dialkylzinc Reagents to N-(Diphenylphosphinoyl) Imines. <i>Journal of Organic Chemistry</i> , 1997, 62, 7364-7375.	3.2	101
56	Simple Aziridino Alcohols as Chiral Ligands. Enantioselective Additions of Diethylzinc to N-Diphenylphosphinoylimines. <i>Synlett</i> , 1996, 1996, 727-728.	1.8	39
57	Arene-catalysed reductive desulfonylation and desulfinylation reactions: New routes for alkyllithiums. <i>Tetrahedron</i> , 1995, 51, 2699-2708.	1.9	27
58	Synthesis of substituted cyclopropanes from 1,3-diols through the corresponding cyclic sulfates. <i>Tetrahedron</i> , 1995, 51, 11445-11456.	1.9	20
59	Direct transformation of allylic and benzylic alcohols or their silylated derivatives into organolithium compounds. <i>Tetrahedron</i> , 1995, 51, 11457-11464.	1.9	25
60	Naphthalene-catalysed reductive desulfonylation with lithium: Alkyllithiums from alkyl phenyl sulfones. <i>Tetrahedron Letters</i> , 1994, 35, 2965-2968.	1.4	35
61	Direct transformation of trialkyl phosphates into organolithium compounds by a DTBB-catalysed lithiation. <i>Tetrahedron</i> , 1994, 50, 8551-8558.	1.9	40
62	Direct transformation of dialkyl sulfates into alkyllithium reagents by a naphthalene-catalysed lithiation. <i>Tetrahedron</i> , 1994, 50, 3427-3436.	1.9	37
63	Organolithium reagents by reductive decyanation of nitriles with lithium and a catalytic amount of 4,4'-Di-tert-butyl-biphenyl in a Barbier-Type reaction. <i>Tetrahedron</i> , 1994, 50, 3447-3452.	1.9	47
64	C,O-Dilithiated Diarylmethanols: Easy and Improved Preparation by Naphthalene-Catalysed Lithiation of Diaryl Ketones and Reactivity Toward Electrophiles. <i>Tetrahedron</i> , 1993, 49, 1327-1334.	1.9	41
65	Naphthalene-catalysed lithiation of phenone imines in the presence of carbonyl compounds: preparation of 1,2-aminoalcohols. <i>Tetrahedron</i> , 1993, 49, 7761-7768.	1.9	67
66	Naphthalene-catalysed lithiation of allylic and benzylic mesylates: a new method for allyl, methallyl, and benzyl lithium. <i>Tetrahedron</i> , 1992, 48, 4593-4600.	1.9	65
67	Naphthalene-catalysed lithiation of dialkyl sulfates: A new route for organolithium reagents. <i>Tetrahedron Letters</i> , 1992, 33, 5597-5600.	1.4	52