

InÃ©s Alonso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5055876/publications.pdf>

Version: 2024-02-01

63
papers

1,993
citations

236912

25
h-index

265191

42
g-index

89
all docs

89
docs citations

89
times ranked

1885
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic enantioselective intramolecular 1,3-dipolar cycloaddition of azomethine ylides with fluorinated dipolarophiles. <i>Chemical Communications</i> , 2022, 58, 7805-7808.	4.1	8
2	Mechanistic understanding enables chemoselective sp ³ over sp ² C-H activation in Pd-catalyzed carbonylative cyclization of amino acids. <i>Catalysis Science and Technology</i> , 2021, 11, 1590-1601.	4.1	7
3	Overcoming the Necessity of $\hat{\text{I}}^3$ -Substitution in $\hat{\text{I}}^3\text{-C}(\text{sp}^3)\text{-H}$ Arylation: Pd-Catalyzed Derivatization of $\hat{\text{I}}^{\pm}$ -Amino Acids. <i>ACS Catalysis</i> , 2021, 11, 5310-5317.	11.2	18
4	Rhodium-Catalyzed Copper-Assisted Intermolecular Domino C-H Annulation of 1,3-Diynes with Picolinamides: Access to Pentacyclic Extended Systems. <i>Chemistry - A European Journal</i> , 2019, 25, 5733-5742.	3.3	22
5	The Acidity of a Carbon Nucleophile Dictates Enantioselectivity and Reactivity in Michael Additions to Aromatic and Aliphatic Enals via Iminium Activation. <i>ACS Catalysis</i> , 2018, 8, 22-34.	11.2	13
6	A Protocol To Transform Sulfones into Nitrones and Aldehydes. <i>Organic Letters</i> , 2018, 20, 5789-5793.	4.6	17
7	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
8	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
9	Palladium-Catalyzed Carbonylative Cyclization of Amines via $\hat{\text{I}}^3\text{-C}(\text{sp}^3)\text{-H}$ Activation: Late-Stage Diversification of Amino Acids and Peptides. <i>ACS Catalysis</i> , 2016, 6, 6868-6882.	11.2	121
10	Expanding the Potential of Heteroaryl Vinyl Sulfones. <i>Journal of Organic Chemistry</i> , 2016, 81, 10887-10899.	3.2	23
11	Dual Role of Pyrrolidine and Cooperative Pyrrolidine/Pyrrolidinium Effect in Nitrone Formation. <i>ACS Catalysis</i> , 2016, 6, 84-91.	11.2	26
12	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
13	Synthesis of Enantiopure 1,5-Enynes and 1,5-Diynes with Propargylic Quaternary Centers. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3314-3319.	2.4	7
14	Asymmetric Nucleophilic Monofluorobenzoylation of Allyl and Propargyl Halides Mediated by a Remote Sulfinyl Group: Synthesis of Homoallylic and Homopropargylic Fluorides. <i>Journal of Organic Chemistry</i> , 2014, 79, 6970-6977.	3.2	10
15	Experimental and computational studies on the mechanism of the Pd-catalyzed C(sp ³)-H $\hat{\text{I}}^3$ -arylation of amino acid derivatives assisted by the 2-pyridylsulfonyl group. <i>Chemical Science</i> , 2014, 5, 3873-3882.	7.4	38
16	p-Nitrophenyl Ethylthioester in Enantioselective Organocatalytic Michael Additions: Different Behaviour of $\hat{\text{I}}^2$ -Aryl and $\hat{\text{I}}^2$ -Alkyl Enals. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7067-7075.	2.4	16
17	Intermolecular Alkyl Radical Additions to Enantiopure N-tert-Butanesulfinyl Aldimines. <i>Organic Letters</i> , 2013, 15, 1658-1661.	4.6	33
18	C-[o-(p-Tolyl)sulfinyl]phenylnitrones. Synthesis and Reactivity in [3+2] Dipolar Cycloadditions. <i>Heterocycles</i> , 2012, 84, 913.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Regiocontrolled Cu ^I -Catalyzed Borylation of Propargylic-Functionalized Internal Alkynes. <i>Journal of the American Chemical Society</i> , 2012, 134, 7219-7222.	13.7	149
20	Synthesis of Enantiomerically Pure <i>anti</i> -1,2-Diaryl and <i>syn</i> -1,2-Alkylaryl <i>vic</i> -Selenoamines. <i>Journal of Organic Chemistry</i> , 2012, 77, 1974-1982.	3.2	11
21	Role of quaternary ammonium salts as new additives in the enantioselective organocatalytic β^2 -benzylation of enals. <i>Chemical Communications</i> , 2012, 48, 5184.	4.1	30
22	An organocatalytic approach to enantiomerically enriched β^1 -arylcyclohexenones and cyclohexanones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8253.	2.8	17
23	Synthesis of Optically Pure <i>vic</i> -Sulfanyl Amines Mediated by a Remote Sulfinyl Group. <i>Organic Letters</i> , 2011, 13, 4534-4537.	4.6	13
24	Chiral Monofluorobenzyl Carbanions: Synthesis of Enantiopure β^2 -Fluorinated β^2 -Phenylethylamines. <i>Chemistry - A European Journal</i> , 2011, 17, 6142-6147.	3.3	23
25	Catalytic Asymmetric 1,3-Dipolar Cycloaddition of β^1 -Iminonitriles. <i>Chemistry - A European Journal</i> , 2010, 16, 5286-5291.	3.3	55
26	β^1 -(<i>p</i> -Tolylsulfinyl)benzyl Halides as Efficient Precursors of Optically Pure <i>trans</i> - β^2 -Disubstituted Aziridines. <i>Chemistry - A European Journal</i> , 2010, 16, 9874-9883.	3.3	31
27	Inverse-Electron-Demand Diels-Alder Reactions of N-(Heteroarylsulfonyl)-1-aza-1,3-dienes Catalyzed by Chiral Lewis Acids. <i>Synthesis</i> , 2009, 2009, 113-126.	2.3	3
28	Stereoselective Addition of β^1 -Methylsulfonyl Benzyl Carbanions to <i>N</i> -Sulfinylketimines: Asymmetric Synthesis of β^1 - β^1 -Dibranched β^2 -Sulfanyl Amines. <i>Journal of Organic Chemistry</i> , 2009, 74, 764-772.	3.2	13
29	Stereoselective Control of Planar β^1 -Dimethylsulfonium Benzyl Carbanions. Synthesis of Optically Pure <i>trans</i> -Aziridines. <i>Journal of Organic Chemistry</i> , 2009, 74, 4217-4224.	3.2	21
30	On the origin of the regioselectivity in glycosylation reactions of 1,2-diols. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1471.	2.8	16
31	Understanding the Behavior of <i>N</i> -Tosyl and <i>N</i> -2-Pyridylsulfonyl Imines in Cu ^{II} -Catalyzed Aza-Friedel-Crafts Reactions. <i>Journal of Organic Chemistry</i> , 2008, 73, 6401-6404.	3.2	59
32	Stereoselective Quaternization of β^1 -Amino Phenylacetonitriles Mediated by a Remote Sulfinyl Group. <i>Journal of Organic Chemistry</i> , 2007, 72, 5994-6005.	3.2	16
33	Enantioselective Synthesis of Chiral Sulfones by Rh-Catalyzed Asymmetric Addition of Boronic Acids to β^1 , β^2 -Unsaturated 2-Pyridyl Sulfones. <i>Journal of Organic Chemistry</i> , 2007, 72, 9924-9935.	3.2	94
34	π - π Stacking versus Steric Effects in Stereoselectivity Control: Highly Diastereoselective Synthesis of <i>syn</i> -1,2-Diarylpropylamines. <i>Chemistry - A European Journal</i> , 2007, 13, 6179-6195.	3.3	57
35	Understanding Sulfone Behavior in Palladium-Catalyzed Domino Reactions with Aryl Iodides. <i>Chemistry - A European Journal</i> , 2006, 12, 4576-4583.	3.3	18
36	Simultaneous Regio- and Enantiodifferentiation in Carbohydrate Coupling. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3947-3959.	2.4	13

#	ARTICLE	IF	CITATIONS
37	Sulfenylphosphinoferrocenes: Novel planar chiral ligands in enantioselective catalysis. <i>Pure and Applied Chemistry</i> , 2006, 78, 257-265.	1.9	25
38	Models of Putative (AH)G(AH)G Nucleobase Quartets. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5670-5674.	13.8	19
39	Cationic PdII Complexes of Fesulphos Ligands: Highly Efficient Catalysts for the Enantioselective Ring Opening of Oxa- and Azabicyclic Alkenes with Dialkylzinc Reagents. <i>ChemInform</i> , 2005, 36, no.	0.0	0
40	Cationic Pd II Complexes of Fesulphos Ligands: Highly Efficient Catalysts for the Enantioselective Ring Opening of Oxa- and Azabicyclic Alkenes with Dialkylzinc Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1513-1514.	1.6	5
41	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
42	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
43	Synthesis of Enantiopure Planar Chiral Bisferrocenes Bearing Sulfur or Nitrogen Substituents. <i>Organometallics</i> , 2004, 23, 1991-1996.	2.3	9
44	Palladium-Catalyzed Cascade Reaction of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Sulfoxes with Aryl Iodides. <i>ChemInform</i> , 2003, 34, no.	0.0	0
45	Palladium-Catalyzed Cascade Reaction of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Sulfoxes with Aryl Iodides. <i>Chemistry - A European Journal</i> , 2003, 9, 1511-1520.	3.3	62
46	Highly Stereoselective Synthesis of Trisubstituted $\hat{1}\pm, \hat{1}^2$ -Unsaturated Sulfoxides by Heck Reaction. <i>Journal of Organic Chemistry</i> , 2001, 66, 4453-4456.	3.2	23
47	Sulfoxides as Stereochemical Controllers in Intermolecular Heck Reactions. <i>Chemistry - A European Journal</i> , 2001, 7, 3890-3900.	3.3	62
48	Unusual Palladium-Catalyzed Cascade Arylation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Phenyl Sulfoxes under Heck Reaction Conditions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1291-1293.	13.8	51
49	Recent Applications of Vinyl Sulfoxes and Vinyl Sulfoxides in Asymmetric Synthesis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 153, 259-273.	1.6	18
50	One-Step Palladium-Catalyzed Synthesis of Substituted Dihydrofurans from the Carbonate Derivatives of $\hat{1}^3$ -Hydroxy- $\hat{1}\pm, \hat{1}^2$ -unsaturated Sulfoxes. <i>Journal of Organic Chemistry</i> , 1998, 63, 9406-9413.	3.2	43
51	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
52	Palladium-Catalyzed Allylic Substitution in $\hat{1}^3$ -Oxygenated Vinyl Sulfoxes: A One-Step Synthesis of Tetrasubstituted Dihydrofurans. <i>Journal of Organic Chemistry</i> , 1997, 62, 5682-5683.	3.2	34
53	Chemical and enzymatic diastereoselective cleavage of $\hat{1}^2$ -d-galactopyranosylsulfoxides. <i>Tetrahedron Letters</i> , 1997, 38, 8267-8270.	1.4	35
54	A new promoter system for the sulfoxide glycosylation reaction. <i>Tetrahedron Letters</i> , 1996, 37, 1477-1480.	1.4	25

#	ARTICLE	IF	CITATIONS
55	The Diels-Alder Adduct of an Enantiopure Sulfinyl Trialkoxycarbonyl Ethene and Cyclopentadiene. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 1548-1550.	0.4	0
56	(5R)-5-[(S)-1-Hydroxybenzyl]-5-(L-menthyloxy)-4-(1-pyrrolidinyl)furan-2(5H)-one. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 1743-1745.	0.4	1
57	4-Sulfonyl-1,6-dioxaspiro[4.5]decanes. Acta Crystallographica Section C: Crystal Structure Communications, 1995, 51, 2381-2383.	0.4	0
58	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. Tetrahedron Letters, 1994, 35, 9461-9464.	1.4	30
59	Benzyl Methyl (S)-2-(p-Tolylsulfinyl)maleate, an Efficient Dienophile in Asymmetric Diels-Alder Reactions. Journal of Organic Chemistry, 1994, 59, 1499-1508.	3.2	43
60	Benzyl methyl (S)-2-(p-tolylsulfinyl)maleate: an efficient dienophile for the enantioselective synthesis of cyclohexadienes. Journal of Organic Chemistry, 1993, 58, 3231-3232.	3.2	24
61	Synthesis and Diels-Alder reactions of t-butyl and t-butyl, methyl (S)-2-p-tolylsulfinylmaleates, chiral synthetic equivalents of monoalkyl and mixed dialkyl acetylenedicarboxylates. Tetrahedron Letters, 1991, 32, 947-950.	1.4	18
62	Synthesis and Diels-Alder reactions of homochiral 2-sulfinylmaleates with cyclopentadiene. Tetrahedron: Asymmetry, 1991, 2, 1193-1207.	1.8	25
63	Highly diastereoselective diels-alder reaction of optically active 2-p-tolylsulphanyl-2-cycloalkenones with cyclopentadiene. Tetrahedron Letters, 1989, 30, 3853-3856.	1.4	38