

Elizabeth R Jarvo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3744988/publications.pdf>

Version: 2024-02-01

53
papers

3,558
citations

147566

31
h-index

138251

58
g-index

70
all docs

70
docs citations

70
times ranked

2402
citing authors

#	ARTICLE	IF	CITATIONS
1	C–C Bond Formation Through Cross-Electrophile Coupling Reactions. , 2022, , 89-119.		1
2	Ligand-Based Control of Nickel Catalysts: Switching Chemoselectivity from One-Electron to Two-Electron Pathways in Competing Reactions of 4-Halotetrahydropyrans. <i>Organic Letters</i> , 2022, 24, 5003-5008.	2.4	4
3	Harnessing C–O Bonds in Stereoselective Cross-Coupling and Cross-Electrophile Coupling Reactions. <i>Synlett</i> , 2021, 32, 1151-1156.	1.0	4
4	Nickel-Catalyzed Cross-Electrophile Coupling of the Difluoromethyl Group for Fluorinated Cyclopropane Synthesis. <i>Synlett</i> , 2021, 32, 1525-1530.	1.0	7
5	Nickel-Catalyzed Kumada Cross-Coupling Reactions of Benzylic Sulfonamides. <i>Molecules</i> , 2021, 26, 5947.	1.7	1
6	Nickel-Catalyzed Domino Cross-Electrophile Coupling Dicarbofunctionalization Reaction To Afford Vinylcyclopropanes. <i>ACS Catalysis</i> , 2021, 11, 14369-14380.	5.5	5
7	Stereospecific Cross-Coupling Reactions Provide Conformationally-Biased Arylalkanes with Anti-Leukemia Activity. <i>Israel Journal of Chemistry</i> , 2020, 60, 402-405.	1.0	2
8	Engaging Sulfonamides: Intramolecular Cross-Electrophile Coupling Reaction of Sulfonamides with Alkyl Chlorides. <i>Journal of Organic Chemistry</i> , 2020, 85, 1775-1793.	1.7	15
9	Nickel-Catalyzed Alkyl–Alkyl Cross-Electrophile Coupling Reaction of 1,3-Dimesylates for the Synthesis of Alkylcyclopropanes. <i>Journal of the American Chemical Society</i> , 2020, 142, 5017-5023.	6.6	47
10	Identification of the Active Catalyst for Nickel-Catalyzed Stereospecific Kumada Coupling Reactions of Ethers. <i>Chemistry - A European Journal</i> , 2020, 26, 3044-3048.	1.7	16
11	A Unified Explanation for Chemoselectivity and Stereospecificity of Ni-Catalyzed Kumada and Cross-Electrophile Coupling Reactions of Benzylic Ethers: A Combined Computational and Experimental Study. <i>Journal of the American Chemical Society</i> , 2019, 141, 5835-5855.	6.6	41
12	Nickel-Catalyzed Directed Hydroarylation of Alkynes with Boronic Acids. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 184-187.	1.2	15
13	Outer-Sphere Control for Divergent Multicatalysis with Common Catalytic Moieties. <i>Journal of Organic Chemistry</i> , 2019, 84, 1664-1672.	1.7	7
14	Keeping Track of the Electrons. <i>Accounts of Chemical Research</i> , 2018, 51, 567-572.	7.6	11
15	Nitroxyl Surprise: A Simple Amine Additive Revealed as Copper's Co-Catalyst in the Aerobic Oxidation of Alcohols. <i>ACS Central Science</i> , 2017, 3, 272-274.	5.3	3
16	Mechanism and Origins of Ligand-Controlled Stereoselectivity of Ni-Catalyzed Suzuki–Miyaura Coupling with Benzylic Esters: A Computational Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 12994-13005.	6.6	99
17	Stereospecific and stereoconvergent cross-couplings between alkyl electrophiles. <i>Nature Reviews Chemistry</i> , 2017, 1, .	13.8	206
18	Nickel-Catalyzed Hydrogenolysis and Conjugate Addition of 2-(Hydroxymethyl)pyridines via Organozinc Intermediates. <i>Organic Letters</i> , 2017, 19, 6304-6307.	2.4	4

#	ARTICLE	IF	CITATIONS
19	Intra- and Intermolecular Nickel-Catalyzed Reductive Cross-Electrophile Coupling Reactions of Benzylic Esters with Aryl Halides. <i>Angewandte Chemie</i> , 2016, 128, 6842-6845.	1.6	12
20	Nickel-Catalyzed Cross-Electrophile Coupling of Alkyl Fluorides: Stereospecific Synthesis of Vinylcyclopropanes. <i>Journal of the American Chemical Society</i> , 2016, 138, 14006-14011.	6.6	61
21	Decarboxylative Alkyl-Alkyl Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11340-11342.	7.2	52
22	Decarboxylierende Alkyl-Alkyl-Kreuzkupplungen. <i>Angewandte Chemie</i> , 2016, 128, 11510-11512.	1.6	14
23	Intra- and Intermolecular Nickel-Catalyzed Reductive Cross-Electrophile Coupling Reactions of Benzylic Esters with Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6730-6733.	7.2	84
24	Selective Cross-Electrophile Coupling by Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15618-15620.	7.2	25
25	Selective synthesis of either enantiomer of an anti-breast cancer agent via a common enantioenriched intermediate. <i>Tetrahedron Letters</i> , 2015, 56, 3486-3488.	0.7	19
26	Stereospecific Nickel-Catalyzed Cross-Coupling Reactions of Benzylic Ethers and Esters. <i>Accounts of Chemical Research</i> , 2015, 48, 2344-2353.	7.6	236
27	Stereospecific Intramolecular Reductive Cross-Electrophile Coupling Reactions for Cyclopropane Synthesis. <i>Journal of the American Chemical Society</i> , 2015, 137, 9760-9763.	6.6	77
28	Stereospecific Nickel-Catalyzed Cross-Coupling Reactions of Benzylic Ethers with Isotopically-Labeled Grignard Reagents. <i>Organic Process Research and Development</i> , 2015, 19, 1356-1359.	1.3	28
29	Silver-Catalyzed Enantioselective Propargylation Reactions of <i>N</i> -Sulfonylketimines. <i>Organic Letters</i> , 2015, 17, 5340-5343.	2.4	51
30	Enantiospecific Intramolecular Heck Reactions of Secondary Benzylic Ethers. <i>Journal of the American Chemical Society</i> , 2014, 136, 7825-7828.	6.6	115
31	Stereospecific Cross-Coupling Reactions of Aryl-Substituted Tetrahydrofurans, Tetrahydropyrans, and Lactones. <i>Journal of the American Chemical Society</i> , 2014, 136, 14951-14958.	6.6	75
32	Stereospecific Nickel-Catalyzed Cross-Coupling Reactions of Alkyl Grignard Reagents and Identification of Selective Anti-Breast-Cancer Agents. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2422-2427.	7.2	138
33	Diaryl and Heteroaryl Sulfides: Synthesis via Sulfenyl Chlorides and Evaluation as Selective Anti-Breast-Cancer Agents. <i>Journal of Organic Chemistry</i> , 2014, 79, 1947-1953.	1.7	82
34	Enantioselective Propargylation and Allenylation Reactions of Ketones and Imines. <i>Journal of Organic Chemistry</i> , 2013, 78, 11629-11636.	1.7	75
35	Silver-Catalyzed Allenylation and Enantioselective Propargylation Reactions of Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4414-4417.	7.2	37
36	Retention or Inversion in Stereospecific Nickel-Catalyzed Cross-Coupling of Benzylic Carbamates with Arylboronic Esters: Control of Absolute Stereochemistry with an Achiral Catalyst. <i>Journal of the American Chemical Society</i> , 2013, 135, 3303-3306.	6.6	215

#	ARTICLE	IF	CITATIONS
37	Asymmetric transition metal-catalyzed cross-coupling reactions for the construction of tertiary stereocenters. <i>Tetrahedron</i> , 2013, 69, 5799-5817.	1.0	116
38	Functional-Group-Tolerant, Nickel-Catalyzed Cross-Coupling Reaction for Enantioselective Construction of Tertiary Methyl-Bearing Stereocenters. <i>Journal of the American Chemical Society</i> , 2013, 135, 9083-9090.	6.6	130
39	Traceless Directing Group for Stereospecific Nickel-Catalyzed Alkyl-Alkyl Cross-Coupling Reactions. <i>Organic Letters</i> , 2012, 14, 4293-4296.	2.4	113
40	Synthesis of Enantioenriched Triarylmethanes by Stereospecific Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7790-7793.	7.2	190
41	Stereochemistry of Transmetalation of Alkylboranes in Nickel-Catalyzed Alkyl-Alkyl Cross-Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2011, 76, 7573-7576.	1.7	22
42	Enantioselective silver-catalyzed propargylation of imines. <i>Chemical Science</i> , 2011, 2, 807.	3.7	70
43	Stereospecific Nickel-Catalyzed Cross-Coupling Reactions of Alkyl Ethers: Enantioselective Synthesis of Diarylethanes. <i>Journal of the American Chemical Society</i> , 2011, 133, 389-391.	6.6	204
44	Palladium-Catalyzed Annulation Reactions for Diastereoselective Cyclopentene Synthesis. <i>Organic Letters</i> , 2011, 13, 4858-4861.	2.4	29
45	Palladium-Catalyzed Cascade Reaction for the Synthesis of Substituted Isoindolines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4459-4462.	7.2	55
46	Titanium-Mediated Amination of Grignard Reagents Using Primary and Secondary Amines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8325-8328.	7.2	75
47	Regioselective Silver-Mediated Kondakov-Darzens Olefin Acylation. <i>Chemistry - A European Journal</i> , 2011, 17, 12912-12916.	1.7	13
48	Conjugate allylation reactions of alkylidene malononitriles mediated by NHC-ligated palladium catalysts. <i>Tetrahedron</i> , 2009, 65, 3197-3201.	1.0	22
49	Silver-Catalyzed, Manganese-Mediated Allylation and Benzoylation Reactions of Aldehydes and Ketones. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5507-5510.	1.2	12
50	Palladium-Catalyzed Conjugate Allylation Reactions of α,β -Unsaturated <i>N</i> -Acylpyrroles. <i>Organic Letters</i> , 2008, 10, 4743-4746.	2.4	55
51	Catalytic Umpolung Allylation of Aldehydes by η^3 -Allylpalladium Complexes Containing Bidentate <i>N</i> -Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2007, 26, 4863-4865.	1.1	69
52	A Biomimetic Approach to Asymmetric Acyl Transfer Catalysis. <i>Journal of the American Chemical Society</i> , 1999, 121, 11638-11643.	6.6	213
53	Minimal Acylase-Like Peptides. Conformational Control of Absolute Stereospecificity. <i>Journal of Organic Chemistry</i> , 1998, 63, 6784-6785.	1.7	142