Joanna Wencel-Delord

List of Publications by Year in Descending Order

37 papers	9,317 citations	23 h-index	37 g-index
37 ext. papers	10,637 ext. citations	14.3 avg, IF	6.86 L-index

#	Paper	IF	Citations
37	Cobalt-Catalyzed Enantioselective C-H Arylation of Indoles.. *Journal of the American Chemical Society*, **2022**,	16.4	11
36	Cyclometallated complexes as catalysts for C-H activation and functionalization. *Chemical Communications*, **2021**,	5.8	6
35	Cyclic Diaryl Bromanes: A Rapid Access to Molecular Complexity via Cycloaddition Reactions. *Organic Letters*, **2021**, 23, 9047-9052	6.2	3
34	Cyclic Diaryl Bromanes as Original Aryne Precursors. *Angewandte Chemie - International Edition*, **2021**, 60, 14852-14857	16.4	6
33	Cyclic Diaryl -Bromanes as Original Aryne Precursors. *Angewandte Chemie*, **2021**, 133, 14978-14983	3.6	
32	CH activation. *Nature Reviews Methods Primers*, **2021**, 1,		52
31	Sulfoxide-Controlled Stereoselective Aza-Piancatelli Reaction. *Advanced Synthesis and Catalysis*, **2021**, 363, 4277-4282	5.6	2
30	Metal-Catalyzed Asymmetric Hydrogenation of C?N Bonds. *ACS Catalysis*, **2021**, 11, 215-247	13.1	25
29	Organic Synthesis in Aqueous Multiphase Systems - Challenges and Opportunities ahead of Us. *Current Opinion in Colloid and Interface Science*, **2021**, 101506	7.6	7
28	Decorating and diversifying drugs. *Nature Chemistry*, **2020**, 12, 505-506	17.6	8
27	Enantioselective Synthesis of NC Axially Chiral Compounds by Cu-Catalyzed Atroposelective Aryl Amination. *Angewandte Chemie*, **2020**, 132, 8929-8933	3.6	23
26	Enantioselective Synthesis of N-C Axially Chiral Compounds by Cu-Catalyzed Atroposelective Aryl Amination. *Angewandte Chemie - International Edition*, **2020**, 59, 8844-8848	16.4	44
25	The Affinity of Some Lewis Bases for Hexafluoroisopropanol as a Reference Lewis Acid: An ITC/DFT Study. *ChemPhysChem*, **2020**, 21, 2136-2142	3.2	5
24	Cobalt-Catalyzed Oxidative C-H Activation: Strategies and Concepts. *ChemSusChem*, **2020**, 13, 3306-3356	8.3	38
23	Challenging Atroposelective CH Arylation. *SynOpen*, **2020**, 04, 107-115	0.7	13
22	When metal-catalyzed C-H functionalization meets visible-light photocatalysis. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 1754-1804	2.5	28
21	Substrate-Controlled Transformation: Diastereoselective Functionalization **2019**, 107-130		2

20	Asymmetric, Nearly Barrierless C(sp3)H Activation Promoted by Easily-AccessibleN-Protected Aminosulfoxides as New Chiral Ligands. *ACS Catalysis*, **2019**, 9, 2532-2542	13.1	39
19	Enantioselective C-H Activation with Earth-Abundant 3d Transition Metals. *Angewandte Chemie - International Edition*, **2019**, 58, 12803-12818	16.4	199
18	Enantioselektive C-H-Aktivierung mit natlich vorkommenden 3d-Bergangsmetallen. *Angewandte Chemie*, **2019**, 131, 12934-12949	3.6	84
17	Two Stereoinduction Events in One C-H Activation Step: A Route towards Terphenyl Ligands with Two Atropisomeric Axes. *Angewandte Chemie - International Edition*, **2018**, 57, 4668-4672	16.4	98
16	Synthesis of Axially Chiral CN Scaffolds via Asymmetric Coupling with Enantiopure Sulfinyl Iodanes. *ACS Catalysis*, **2018**, 8, 2805-2809	13.1	50
15	Stereospecific CH activation as a key step for the asymmetric synthesis of various biologically active cyclopropanes. *Organic Chemistry Frontiers*, **2018**, 5, 409-414	5.2	13
14	A comprehensive overview of directing groups applied in metal-catalysed C-H functionalisation chemistry. *Chemical Society Reviews*, **2018**, 47, 6603-6743	58.5	855
13	Stereoselective Sulfinyl Aniline-Promoted Pd-Catalyzed C-H Arylation and Acetoxylation of Aliphatic Amides. *Chemistry - A European Journal*, **2017**, 23, 15594-15600	4.8	22
12	Enantiopure Sulfinyl Aniline as a Removable and Recyclable Chiral Auxiliary for Asymmetric C(sp)-H Bond Activation. *Chemistry - A European Journal*, **2016**, 22, 17397-17406	4.8	41
11	1,1,1,3,3,3-Hexafluoroisopropanol as a Remarkable Medium for Atroposelective Sulfoxide-Directed Fujiwara-Moritani Reaction with Acrylates and Styrenes. *Chemistry - A European Journal*, **2016**, 22, 1735-43	4.8	98
10	Asymmetric CH activation as a modern strategy towards expedient synthesis of steganone. *Tetrahedron*, **2016**, 72, 5238-5245	2.4	18
9	Mild metal-catalyzed C-H activation: examples and concepts. *Chemical Society Reviews*, **2016**, 45, 2900-36	58.5	1267
8	Recent advances and new concepts for the synthesis of axially stereoenriched biaryls. *Chemical Society Reviews*, **2015**, 44, 3418-30	58.5	493
7	Diastereoselective Substrate-Controlled Transition-Metal-Catalyzed CH Activation: An Old Solution to a Modern Synthetic Challenge. *Synlett*, **2015**, 26, 2644-2658	2.2	29
6	Synthesis of axially chiral biaryls through sulfoxide-directed asymmetric mild C-H activation and dynamic kinetic resolution. *Angewandte Chemie - International Edition*, **2014**, 53, 13871-5	16.4	191
5	Asymmetric C(sp(2))-H activation. *Chemistry - A European Journal*, **2013**, 19, 14010-7	4.8	191
4	C-H bond activation enables the rapid construction and late-stage diversification of functional molecules. *Nature Chemistry*, **2013**, 5, 369-75	17.6	1798
3	Significant asymmetric amplification in enantioselective Cu/DiPPAM-catalyzed 1,6- and 1,4-conjugate additions of diethylzinc to (di)enones. *Organic Letters*, **2012**, 14, 3576-9	6.2	36

2	Beyond directing groups: transition-metal-catalyzed C-H activation of simple arenes. *Angewandte Chemie - International Edition*, **2012**, 51, 10236-54	16.4	1404
1	Towards mild metal-catalyzed C-H bond activation. *Chemical Society Reviews*, **2011**, 40, 4740-61	58.5	2118