

Joanna Wencel-Delord

List of Publications by Citations

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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	Towards mild metal-catalyzed C-H bond activation. <i>Chemical Society Reviews</i> , 2011 , 40, 4740-61	58.5	2118
36	C-H bond activation enables the rapid construction and late-stage diversification of functional molecules. <i>Nature Chemistry</i> , 2013 , 5, 369-75	17.6	1798
35	Beyond directing groups: transition-metal-catalyzed C-H activation of simple arenes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10236-54	16.4	1404
34	Mild metal-catalyzed C-H activation: examples and concepts. <i>Chemical Society Reviews</i> , 2016 , 45, 2900-368.5	58.5	1267
33	A comprehensive overview of directing groups applied in metal-catalysed C-H functionalisation chemistry. <i>Chemical Society Reviews</i> , 2018 , 47, 6603-6743	58.5	855
32	Recent advances and new concepts for the synthesis of axially stereo-enriched biaryls. <i>Chemical Society Reviews</i> , 2015 , 44, 3418-30	58.5	493
31	Enantioselective C-H Activation with Earth-Abundant 3d Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12803-12818	16.4	199
30	Synthesis of axially chiral biaryls through sulfoxide-directed asymmetric mild C-H activation and dynamic kinetic resolution. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13871-5	16.4	191
29	Asymmetric C(sp ²)-H activation. <i>Chemistry - A European Journal</i> , 2013 , 19, 14010-7	4.8	191
28	Two Stereoinduction Events in One C-H Activation Step: A Route towards Terphenyl Ligands with Two Atropisomeric Axes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4668-4672	16.4	98
27	1,1,1,3,3,3-Hexafluoroisopropanol as a Remarkable Medium for Atroposelective Sulfoxide-Directed Fujiwara-Moritani Reaction with Acrylates and Styrenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 1735-43 ⁸	4.8	98
26	Enantioselective C-H-Aktivierung mit natürlich vorkommenden 3d-Übergangsmetallen. <i>Angewandte Chemie</i> , 2019 , 131, 12934-12949	3.6	84
25	C-H activation. <i>Nature Reviews Methods Primers</i> , 2021 , 1,		52
24	Synthesis of Axially Chiral C-N Scaffolds via Asymmetric Coupling with Enantiopure Sulfinyl Iodanes. <i>ACS Catalysis</i> , 2018 , 8, 2805-2809	13.1	50
23	Enantioselective Synthesis of N-C Axially Chiral Compounds by Cu-Catalyzed Atroposelective Aryl Amination. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8844-8848	16.4	44
22	Enantiopure Sulfinyl Aniline as a Removable and Recyclable Chiral Auxiliary for Asymmetric C(sp ²)-H Bond Activation. <i>Chemistry - A European Journal</i> , 2016 , 22, 17397-17406	4.8	41
21	Asymmetric, Nearly Barrierless C(sp ³)-H Activation Promoted by Easily-Accessible N-Protected Aminosulfoxides as New Chiral Ligands. <i>ACS Catalysis</i> , 2019 , 9, 2532-2542	13.1	39

20	Cobalt-Catalyzed Oxidative C-H Activation: Strategies and Concepts. <i>ChemSusChem</i> , 2020 , 13, 3306-3356	6.3	38
19	Significant asymmetric amplification in enantioselective Cu/DiPPAM-catalyzed 1,6- and 1,4-conjugate additions of diethylzinc to (di)enones. <i>Organic Letters</i> , 2012 , 14, 3576-9	6.2	36
18	Diastereoselective Substrate-Controlled Transition-Metal-Catalyzed C-H Activation: An Old Solution to a Modern Synthetic Challenge. <i>Synlett</i> , 2015 , 26, 2644-2658	2.2	29
17	When metal-catalyzed C-H functionalization meets visible-light photocatalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 1754-1804	2.5	28
16	Metal-Catalyzed Asymmetric Hydrogenation of C≡N Bonds. <i>ACS Catalysis</i> , 2021 , 11, 215-247	13.1	25
15	Enantioselective Synthesis of N-Substituted Axially Chiral Compounds by Cu-Catalyzed Atroposelective Aryl Amination. <i>Angewandte Chemie</i> , 2020 , 132, 8929-8933	3.6	23
14	Stereoselective Sulfinyl Aniline-Promoted Pd-Catalyzed C-H Arylation and Acetoxylation of Aliphatic Amides. <i>Chemistry - A European Journal</i> , 2017 , 23, 15594-15600	4.8	22
13	Asymmetric C-H activation as a modern strategy towards expedient synthesis of steganone. <i>Tetrahedron</i> , 2016 , 72, 5238-5245	2.4	18
12	Stereospecific C-H activation as a key step for the asymmetric synthesis of various biologically active cyclopropanes. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 409-414	5.2	13
11	Challenging Atroposelective C-H Arylation. <i>SynOpen</i> , 2020 , 04, 107-115	0.7	13
10	Cobalt-Catalyzed Enantioselective C-H Arylation of Indoles. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	11
9	Decorating and diversifying drugs. <i>Nature Chemistry</i> , 2020 , 12, 505-506	17.6	8
8	Organic Synthesis in Aqueous Multiphase Systems - Challenges and Opportunities ahead of Us. <i>Current Opinion in Colloid and Interface Science</i> , 2021 , 101506	7.6	7
7	Cyclometallated complexes as catalysts for C-H activation and functionalization. <i>Chemical Communications</i> , 2021 ,	5.8	6
6	Cyclic Diaryl Iodides as Original Aryne Precursors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14852-14857	16.4	6
5	The Affinity of Some Lewis Bases for Hexafluoroisopropanol as a Reference Lewis Acid: An ITC/DFT Study. <i>ChemPhysChem</i> , 2020 , 21, 2136-2142	3.2	5
4	Cyclic Diaryl Iodides: A Rapid Access to Molecular Complexity via Cycloaddition Reactions. <i>Organic Letters</i> , 2021 , 23, 9047-9052	6.2	3
3	Substrate-Controlled Transformation: Diastereoselective Functionalization 2019 , 107-130		2

- 2 Sulfoxide-Controlled Stereoselective Aza-Piancatelli Reaction. *Advanced Synthesis and Catalysis*, **2021**, 363, 4277-4282 5.6 2
- 1 Cyclic Diaryl β -Bromanes as Original Aryne Precursors. *Angewandte Chemie*, **2021**, 133, 14978-14983 3.6