

Joanna Wencel-Delord

List of Publications by Year in descending order

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36
papers

11,689
citations

218381

26
h-index

360668

35
g-index

37
all docs

37
docs citations

37
times ranked

6953
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards mild metal-catalyzed C–H bond activation. <i>Chemical Society Reviews</i> , 2011, 40, 4740.	18.7	2,295
2	C–H bond activation enables the rapid construction and late-stage diversification of functional molecules. <i>Nature Chemistry</i> , 2013, 5, 369-375.	6.6	2,070
3	Mild metal-catalyzed C–H activation: examples and concepts. <i>Chemical Society Reviews</i> , 2016, 45, 2900-2936.	18.7	1,526
4	Beyond Directing Groups: Transition-Metal-Catalyzed C–H Activation of Simple Arenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10236-10254.	7.2	1,515
5	A comprehensive overview of directing groups applied in metal-catalysed C–H functionalisation chemistry. <i>Chemical Society Reviews</i> , 2018, 47, 6603-6743.	18.7	1,272
6	Recent advances and new concepts for the synthesis of axially stereoenriched biaryls. <i>Chemical Society Reviews</i> , 2015, 44, 3418-3430.	18.7	710
7	Enantioselective C–H Activation with Earth-Abundant 3d Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12803-12818.	7.2	330
8	C–H activation. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	277
9	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, 13871-13875.	7.2	226
10	Asymmetric C(sp ²)–H Activation. <i>Chemistry - A European Journal</i> , 2013, 19, 14010-14017.	1.7	224
11	Two Stereinduction 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.	7.2	133
12	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, 1735-1743.	1.7	111
13	Enantioselektive C–H-Aktivierung mit natürlich vorkommenden 3d-Übergangsmetallen. <i>Angewandte Chemie</i> , 2019, 131, 12934-12949.	1.6	107
14	Enantioselective Synthesis of N–C Axially Chiral Compounds by Cu-Catalyzed Atroposelective Aryl Amination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8844-8848.	7.2	87
15	Metal-Catalyzed Asymmetric Hydrogenation of C–N Bonds. <i>ACS Catalysis</i> , 2021, 11, 215-247.	5.5	78
16	Cobalt-Catalyzed Enantioselective C–H Arylation of Indoles. <i>Journal of the American Chemical Society</i> , 2022, 144, 798-806.	6.6	77
17	Cobalt-Catalyzed Oxidative C–H Activation: Strategies and Concepts. <i>ChemSusChem</i> , 2020, 13, 3306-3356.	3.6	71
18	Synthesis of Axially Chiral C–N Scaffolds via Asymmetric Coupling with Enantiopure Sulfinyl Iodanes. <i>ACS Catalysis</i> , 2018, 8, 2805-2809.	5.5	66

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19	When metal-catalyzed C-H functionalization meets visible-light photocatalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1754-1804.	1.3	66
20	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.	5.5	59
21	Enantiopure Sulfinyl Aniline as a Removable and Recyclable Chiral Auxiliary for Asymmetric C(sp ³)-H Bond Activation. <i>Chemistry - A European Journal</i> , 2016, 22, 17397-17406.	1.7	50
22	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, 3576-3579.	2.4	40
23	Enantioselective Synthesis of N-C Axially Chiral Compounds by Cu-Catalyzed Atroposelective Aryl Amination. <i>Angewandte Chemie</i> , 2020, 132, 8929-8933.	1.6	37
24	Diastereoselective Substrate-Controlled Transition-Metal-Catalyzed C-H Activation: An Old Solution to a Modern Synthetic Challenge. <i>Synlett</i> , 2015, 26, 2644-2658.	1.0	36
25	Cyclic Diaryl ³ -Bromanes as Original Aryne Precursors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14852-14857.	7.2	30
26	Challenging Atroposelective C-H Arylation. <i>SynOpen</i> , 2020, 04, 107-115.	0.8	28
27	Organic synthesis in Aqueous Multiphase Systems - Challenges and opportunities ahead of us. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 56, 101506.	3.4	28
28	Stereoselective Sulfinyl Aniline-Promoted Pd-Catalyzed C-H Arylation and Acetoxylation of Aliphatic Amides. <i>Chemistry - A European Journal</i> , 2017, 23, 15594-15600.	1.7	27
29	Cyclic Diaryl ³ -Bromanes: A Rapid Access to Molecular Complexity via Cycloaddition Reactions. <i>Organic Letters</i> , 2021, 23, 9047-9052.	2.4	26
30	Asymmetric C-H activation as a modern strategy towards expedient synthesis of steganone. <i>Tetrahedron</i> , 2016, 72, 5238-5245.	1.0	23
31	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.	2.3	20
32	Cyclometallated complexes as catalysts for C-H activation and functionalization. <i>Chemical Communications</i> , 2022, 58, 483-490.	2.2	19
33	Decorating and diversifying drugs. <i>Nature Chemistry</i> , 2020, 12, 505-506.	6.6	9
34	The Affinity of Some Lewis Bases for Hexafluoroisopropanol as a Reference Lewis Acid: An ITC/DFT Study. <i>ChemPhysChem</i> , 2020, 21, 2136-2142.	1.0	7
35	Sulfoxide-Controlled Stereoselective Aza-Piancatelli Reaction. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4277-4282.	2.1	7
36	Cyclic Diaryl ³ -Bromanes as Original Aryne Precursors. <i>Angewandte Chemie</i> , 2021, 133, 14978-14983.	1.6	0