Manuel Mahlau

List of Publications by Year
in descending order

55 papers	3,736 citations	159358 30 h-index	161609 54 g-index
91 all docs	91 docs citations	91 times ranked	3113 citing authors

#	Article	IF	Citations
1	Dual Ligand-Enabled Late-Stage Fujiwaraâ€“Moritani Reactions. Synlett, 2022, 33, 357-360.	1.0	8
2	Electrochemical Methods for Pdâ€catalyzed Câ^'H Functionalization. Asian Journal of Organic Chemistry, 2021, 10, 50-60.	1.3	12
3	Catalystâ€Controlled Regiodivergent Câ^'H Alkynylation of Thiophenes**. Angewandte Chemie - International Edition, 2021, 60, 742-746.	7.2	35
4	Direct Synthesis of Unsymmetrical Dithioacetals. Chemistry - A European Journal, 2021, 27, 4859-4863.	1.7	6
5	How and Why Crowd Reviewing Works. Synlett, 2021, 32, 885-891.	1.0	3
6	Katalysatorkontrollierte regiodivergente Câ€Hâ€Alkinylierung von Thiophenen**. Angewandte Chemie, 2021, 133, 753-757.	1.6	10
7	Mechanism of the Areneâ€Limited Nondirected Câ^'H Activation of Arenes with Palladium**. Angewandte Chemie - International Edition, 2021, 60, 15641-15649.	7.2	30
8	Mechanismus der Arenâ€limitierten, nichtâ€dirigierten Câ€Hâ€Aktivierung von Arenen mit Palladium**. Angewandte Chemie, 2021, 133, 15770-15779.	1.6	6
9	Late-Stage Î²-C(sp³)â€“H Deuteration of Carboxylic Acids. Journal of the American Chemical Society, 2021, 143, 10895-10901.	6.6	47
10	Spot on: Câ€Hâ€Aktivierung. Nachrichten Aus Der Chemie, 2021, 69, 66-67.	0.0	0
11	Palladium-Catalyzed Nondirected Late-Stage Câ€“H Deuteration of Arenes. Journal of the American Chemical Society, 2021, 143, 16370-16376.	6.6	41
12	Direct Synthesis of Unsymmetrical Dithioacetals. Chemistry - A European Journal, 2021, 27, 4759-4759.	1.7	0
13	Direct C(sp3)â€“H Activation of Carboxylic Acids. Synthesis, 2020, 52, 479-488.	1.2	34
14	Direkte Î²â€•und Î³â€C(sp³)â€H Alkinylierung freier CarbonsÃuren**. Angewandte Chemie, 2020, 132, 23327-23331.	1.6	7
15	Direct Î²â€•and Î³â€C(sp³)â^'H Alkynylation of Free Carboxylic Acids**. Angewandte Chemie - International Edition, 2020, 59, 23127-23131.	7.2	43
16	Regioselective Olefination of 3â€Substituted Fiveâ€Membered Heteroarenes. European Journal of Organic Chemistry, 2020, 2020, 6318-6327.	1.2	21
17	Ligandâ€Enabled Î³â€C(sp³)â^'H Olefination of Free Carboxylic Acids. Angewandte Chemie - International Edition, 2020, 59, 12848-12852.	7.2	52
18	Sterically Controlled Câ^'H Olefination of Heteroarenes. Angewandte Chemie - International Edition, 2020, 59, 12213-12220.	7.2	37

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19	Ligandenâ€vermittelte Î³â€C(sp 3)â€Hâ€Olefinierung freier CarbonsÃuren. Angewandte Chemie, 2020, 132, 12948-12952.	1.6	5
20	Sterically Controlled Câ^'H Olefination of Heteroarenes. Angewandte Chemie, 2020, 132, 12311-12318.	1.6	12
21	Direct Î²-C(sp³)â€“H Acetoxylation of Aliphatic Carboxylic Acids. Organic Letters, 2019, 21, 7154-7157.	2.4	55
22	Sterically Controlled Late-Stage Câ€“H Alkynylation of Arenes. Journal of the American Chemical Society, 2019, 141, 18662-18667.	6.6	78
23	Dual Ligand-Enabled Nondirected Câ€“H Cyanation of Arenes. ACS Catalysis, 2019, 9, 1979-1984.	5.5	51
24	The Direct Conversion of Î±-Hydroxyketones to Alkynes. Journal of Organic Chemistry, 2019, 84, 983-993.	1.7	4
25	Dual Ligandâ€Enabled Nondirected Câ^'H Olefination of Arenes. Angewandte Chemie - International Edition, 2018, 57, 2497-2501.	7.2	92
26	Innentitelbild: Durch zwei Liganden ermÃ¶glichte nichtâ€dirigierte Câ€Hâ€Olefinierung von Arenen (Angew.) Tj ETQq0 0 0 rgBT /Overloc	1.6	0
27	Durch zwei Liganden ermÃ¶glichte nichtâ€dirigierte Câ€Hâ€Olefinierung von Arenen. Angewandte Chemie, 2018, 130, 2523-2527.	1.6	32
28	Die Arenâ€limitierte nichtâ€dirigierte Câ€Hâ€Aktivierung von Aromaten. Angewandte Chemie, 2018, 130, 13198-13209.	1.6	29
29	Areneâ€Limited Nondirected Câ^'H Activation of Arenes. Angewandte Chemie - International Edition, 2018, 57, 13016-13027.	7.2	139
30	The Direct Pd-Catalyzed Î²-C(sp3)â€“H Activation of Carboxylic Acids. Synlett, 2018, 29, 1937-1943.	1.0	22
31	1,1,3,3â€Tetratriflylpropen (TTP): eine starke, allylische Câ€Hâ€SÃure fÃ¼r die BrÃ¸nstedâ€•und Lewisâ€SÃureâ€Katalyse. Angewandte Chemie, 2017, 129, 1433-1437.	1.6	12
32	Switchable Siteâ€Selective Catalytic Carboxylation of Allylic Alcohols with CO₂. Angewandte Chemie - International Edition, 2017, 56, 6558-6562.	7.2	97
33	1,1,3,3â€Tetratriflylpropene (TTP): A Strong, Allylic Câ€“H Acid for BrÃ¸nsted and Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2017, 56, 1411-1415.	7.2	30
34	20. Steinheimer GesprÃche - diesmal in Wiesbaden. Nachrichten Aus Der Chemie, 2017, 65, 939-939.	0.0	0
35	Pdâ€Catalyzed Î²â€C(sp³)â^'H Arylation of Propionic Acid and Related Aliphatic Acids. Chemistry - A European Journal, 2017, 23, 17697-17700.	1.7	69
36	Phenol Derivatives. Advances in Organometallic Chemistry, 2016, 66, 143-222.	0.5	74

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37	Asymmetric counteranion-directed Lewis acid organocatalysis for the scalable cyanosilylation of aldehydes. Nature Communications, 2016, 7, 12478.	5.8	64
38	Ni- and Fe-catalyzed Carboxylation of Unsaturated Hydrocarbons with CO2. Topics in Current Chemistry, 2016, 374, 45.	3.0	69
39	The TopoVIB-Like protein family is required for meiotic DNA double-strand break formation. Science, 2016, 351, 943-949.	6.0	238
40	Asymmetric Lewis acid organocatalysis of the Dielsâ€“Alder reaction by a silylated Câ€“H acid. Science, 2016, 351, 949-952.	6.0	118
41	Development and Applications of Disulfonimides in Enantioselective Organocatalysis. Chemical Reviews, 2015, 115, 9388-9409.	23.0	256
42	BrÃ¸nsted Acid Catalyzed Asymmetric Silylation of Alcohols. Synlett, 2015, 26, 1093-1095.	1.0	23
43	The Catalytic Asymmetric Abramov Reaction. Angewandte Chemie - International Edition, 2015, 54, 355-358.	7.2	60
44	Unexpected Beneficial Effect of ortho-Substituents on the (S)-Proline-Catalyzed Asymmetric Aldol Reaction of Acetone with Aromatic Aldehydes. Synlett, 2014, 25, 961-964.	1.0	15
45	Improved Conditions for the Proline-Catalyzed Aldol Reaction of Acetone with Aliphatic Aldehydes. Synlett, 2014, 25, 932-934.	1.0	20
46	The Catalytic Asymmetric Î±â€Benzylation of Aldehydes. Angewandte Chemie - International Edition, 2014, 53, 282-285.	7.2	83
47	Asymmetric Disulfonimideâ€Catalyzed Synthesis of Î´â€Aminoâ€Î²â€Ketoester Derivatives by Vinylogous Mukaiyamaâ€“Mannich Reactions. Angewandte Chemie - International Edition, 2014, 53, 13592-13595.	7.2	60
48	Towards Highâ€Performance Lewis Acid Organocatalysis. Angewandte Chemie - International Edition, 2014, 53, 8765-8769.	7.2	47
49	Disulfonimide-Catalyzed Asymmetric Synthesis of Î²³-Amino Esters Directly from N-Boc-Amino Sulfones. Journal of the American Chemical Society, 2013, 135, 15334-15337.	6.6	81
50	Asymmetric Counteranionâ€Directed Catalysis: Concept, Definition, and Applications. Angewandte Chemie - International Edition, 2013, 52, 518-533.	7.2	763
51	Asymmetric Counteranion-Directed Catalysis (ACDC). , 2013, , 79-85.		4
52	The Cinchona Primary Amine-Catalyzed Asymmetric Epoxidation and Hydroperoxidation of Î±,Î²-Unsaturated Carbonyl Compounds with Hydrogen Peroxide. Journal of the American Chemical Society, 2013, 135, 6677-6693.	6.6	141
53	Asymmetric Counteranionâ€Directed Catalytic Hosomiâ€“Sakurai Reaction. Chemistry - A European Journal, 2012, 18, 16283-16287.	1.7	77
54	Asymmetric Counteranionâ€Directed Catalysis (ACDC): A Remarkably General Approach to Enantioselective Synthesis. Israel Journal of Chemistry, 2012, 52, 630-638.	1.0	42

#	Article	IF	Citations
55	First Synthesis of the Pyrano-Naphthoquinone Lactone (-)-Arizonin C1. European Journal of Organic Chemistry, 2011, 2011, n/a-n/a.	1.2	11