

Tjark H Meyer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

1,913
citations

20
h-index

24
g-index

24
ext. papers

2,494
ext. citations

12.7
avg, IF

5.87
L-index

#	Paper	IF	Citations
24	Electrocatalytic C \equiv N Activation. <i>ACS Catalysis</i> , 2018 , 8, 7086-7103	13.1	394
23	Electrochemical Cobalt-Catalyzed C-H Oxygenation at Room Temperature. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18452-18455	16.4	232
22	Electrochemical C-H/N-H Activation by Water-Tolerant Cobalt Catalysis at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2383-2387	16.4	171
21	Resource Economy by Metallaelectrocatalysis: Merging Electrochemistry and C H Activation. <i>Trends in Chemistry</i> , 2019 , 1, 63-76	14.8	132
20	Powering the Future: How Can Electrochemistry Make a Difference in Organic Synthesis?. <i>Chem</i> , 2020 , 6, 2484-2496	16.2	103
19	Electrochemical Cobalt-Catalyzed C-H Activation. <i>Chemistry - A European Journal</i> , 2018 , 24, 16209-16217	4.8	94
18	Iridium-Catalyzed Electrooxidative C-H Activation by Chemoselective Redox-Catalyst Cooperation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14179-14183	16.4	91
17	Electrooxidative Allene Annulations by Mild Cobalt-Catalyzed C \equiv N Activation. <i>ACS Catalysis</i> , 2018 , 8, 9140-9147	13.1	88
16	Manganese(I)-Catalyzed Dispersion-Enabled C-H/C-C Activation. <i>Chemistry - A European Journal</i> , 2017 , 23, 5443-5447	4.8	79
15	Organic Electrochemistry: Molecular Syntheses with Potential. <i>ACS Central Science</i> , 2021 , 7, 415-431	16.8	77
14	3d metallaelectrocatalysis for resource economical syntheses. <i>Chemical Society Reviews</i> , 2020 , 49, 4254-4372	48.2	73
13	Catalyst- and Reagent-Free Electrochemical Azole C-H Amination. <i>Chemistry - A European Journal</i> , 2018 , 24, 12784-12789	4.8	59
12	Electrochemical C \equiv N/N \equiv N Activation by Water-Tolerant Cobalt Catalysis at Room Temperature. <i>Angewandte Chemie</i> , 2018 , 130, 2407-2411	3.6	53
11	C-H Oxygenation Reactions Enabled by Dual Catalysis with Electrogenenerated Hypervalent Iodine Species and Ruthenium Complexes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3184-3189	16.4	52
10	Insights into Cobalta(III/IV/II)-Electrocatalysis: Oxidation-Induced Reductive Elimination for Twofold C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10955-10960	16.4	35
9	Iridium-Catalyzed Electrooxidative C \equiv N Activation by Chemoselective Redox-Catalyst Cooperation. <i>Angewandte Chemie</i> , 2018 , 130, 14375-14379	3.6	33
8	Renewable resources for sustainable metallaelectro-catalysed C-H activation. <i>Chemical Science</i> , 2020 , 11, 8657-8670	9.4	32

7	Mangana(iii/iv)electro-catalyzed C(sp)-H azidation. <i>Chemical Science</i> , 2020 , 12, 2890-2897	9.4	24
6	Cobalta-Electrocatalyzed C-H Activation in Biomass-Derived Glycerol: Powered by Renewable Wind and Solar Energy. <i>ChemSusChem</i> , 2020 , 13, 668-671	8.3	22
5	Chemodivergent Nickel(0)-Catalyzed Arene C-H Activation with Alkynes: Unprecedented C-H/C-H Double Insertion. <i>ACS Catalysis</i> , 2019 , 9, 11074-11081	13.1	20
4	Zusammenwirken von Rutheniumkatalysatoren und elektrokatalytisch generierten, hypervalenten Iodreagenzien für die C-H-Oxygenierung. <i>Angewandte Chemie</i> , 2020 , 132, 3210-3215	3.6	20
3	Cobalt electro-catalyzed C-H activation for resource-economical molecular syntheses. <i>Nature Protocols</i> , 2020 , 15, 1760-1774	18.8	12
2	Mechanistische Studien zu Cobalta(III/IV/II)-Elektrokatalyse: Oxidativ-induzierte reduktive Eliminierung zur zweifachen C-H-Aktivierung. <i>Angewandte Chemie</i> , 2020 , 132, 11048-11053	3.6	9
1	Carboxylate breaks the arene C-H bond a hydrogen-atom-transfer mechanism in electrochemical cobalt catalysis. <i>Chemical Science</i> , 2020 , 11, 5790-5796	9.4	8