Tjark H Meyer

List of Publications by Year
in descending order

24 papers	3,063 citations	331259 21 h-index	610482 24 g-index
24 all docs	24 docs citations	24 times ranked	1591 citing authors

#	Article	IF	Citations
1	Electrocatalytic Câ€“H Activation. ACS Catalysis, 2018, 8, 7086-7103.	5.5	535
2	Organic Electrochemistry: Molecular Syntheses with Potential. ACS Central Science, 2021, 7, 415-431.	5.3	335
3	Electrochemical Cobalt-Catalyzed Câ€“H Oxygenation at Room Temperature. Journal of the American Chemical Society, 2017, 139, 18452-18455.	6.6	298
4	Powering the Future: How Can Electrochemistry Make a Difference in Organic Synthesis?. CheM, 2020, 6, 2484-2496.	5.8	270
5	Electrochemical Câˆ'H/Nâˆ'H Activation by Waterâ€Tolerant Cobalt Catalysis at Room Temperature. Angewandte Chemie - International Edition, 2018, 57, 2383-2387.	7.2	219
6	Resource Economy by Metallaelectrocatalysis: Merging Electrochemistry and C H Activation. Trends in Chemistry, 2019, 1, 63-76.	4.4	174
7	3d metallaelectrocatalysis for resource economical syntheses. Chemical Society Reviews, 2020, 49, 4254-4272.	18.7	150
8	Iridiumâ€Catalyzed Electrooxidative Câˆ'H Activation by Chemoselective Redoxâ€Catalyst Cooperation. Angewandte Chemie - International Edition, 2018, 57, 14179-14183.	7.2	121
9	Electrochemical Cobaltâ€Catalyzed Câˆ'H Activation. Chemistry - A European Journal, 2018, 24, 16209-16217.	1.7	121
10	Electrooxidative Allene Annulations by Mild Cobalt-Catalyzed Câ€“H Activation. ACS Catalysis, 2018, 8, 9140-9147.	5.5	117
11	Manganese(I)â€Catalyzed Dispersionâ€Enabled Câˆ'H/Câˆ'C Activation. Chemistry - A European Journal, 2017, 23, 5443-5447.	1.7	98
12	Câˆ'H Oxygenation Reactions Enabled by Dual Catalysis with Electrogenerated Hypervalent Iodine Species and Ruthenium Complexes. Angewandte Chemie - International Edition, 2020, 59, 3184-3189.	7.2	83
13	Catalystâ€•and Reagentâ€Free Electrochemical Azole Câˆ'H Amination. Chemistry - A European Journal, 2018, 24, 12784-12789.	1.7	80
14	Renewable resources for sustainable metallaelectro-catalysed Câ€“H activation. Chemical Science, 2020, 11, 8657-8670.	3.7	69
15	Mangana(<scp>iii</scp>/<scp>iv</scp>)electro-catalyzed C(sp³)â€“H azidation. Chemical Science, 2021, 12, 2890-2897.	3.7	69
16	Electrochemical Câˆ'H/Nâˆ'H Activation by Waterâ€Tolerant Cobalt Catalysis at Room Temperature. Angewandte Chemie, 2018, 130, 2407-2411.	1.6	68
17	Insights into Cobalta(III/IV/II)â€Electrocatalysis: Oxidationâ€Induced Reductive Elimination for Twofold Câˆ'H Activation. Angewandte Chemie - International Edition, 2020, 59, 10955-10960.	7.2	65
18	Iridiumâ€Catalyzed Electrooxidative Câˆ'H Activation by Chemoselective Redoxâ€Catalyst Cooperation. Angewandte Chemie, 2018, 130, 14375-14379.	1.6	46

#	Article	IF	Citations
19	Chemodivergent Nickel(0)-Catalyzed Arene Câ€“F Activation with Alkynes: Unprecedented Câ€“F/Câ€“H Double Insertion. ACS Catalysis, 2019, 9, 11074-11081.	5.5	32
20	Cobaltaâ€Electrocatalyzed Câ^'H Activation in Biomassâ€Derived Glycerol: Powered by Renewable Wind and Solar Energy. ChemSusChem, 2020, 13, 668-671.	3.6	31
21	Zusammenwirken von Rutheniumkatalysatoren und elektrokatalytisch generierten, hypervalenten Iodreagenzien fÃ¼r die Câ€Hâ€Oxygenierung. Angewandte Chemie, 2020, 132, 3210-3215.	1.6	28
22	Carboxylate breaks the arene Câ€“H bond via a hydrogen-atom-transfer mechanism in electrochemical cobalt catalysis. Chemical Science, 2020, 11, 5790-5796.	3.7	19
23	Cobaltaelectro-catalyzed Câ€“H activation for resource-economical molecular syntheses. Nature Protocols, 2020, 15, 1760-1774.	5.5	19
24	Mechanistische Studien zu Cobalta(III/IV/II)â€Elektrokatalyse: Oxidativâ€induzierte reduktive Eliminierung zur zweifachen Câ€Hâ€Aktivierung. Angewandte Chemie, 2020, 132, 11048-11053.	1.6	16