

# Uttam Dhawa

## List of Publications by Citations

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23  
papers

1,146  
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ext. papers

1,538  
ext. citations

9.6  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
23	Enantioselective C-H Activation with Earth-Abundant 3d Transition Metals. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12803-12818	16.4	199
22	Switch to Allylic Selectivity in Cobalt-Catalyzed Dehydrogenative Heck Reactions with Unbiased Aliphatic Olefins. <i>ACS Catalysis</i> , <b>2016</b> , 6, 5493-5499	13.1	141
21	C <sub>sp</sub> <sup>3</sup> /C <sub>sp</sub> <sup>2</sup> Functionalization by Manganese(I) Catalysis: Expedient (Per)Fluoro-Allylations and Alkenylations. <i>ACS Catalysis</i> , <b>2017</b> , 7, 4209-4213	13.1	140
20	Enantioselective Cobalt(III)-Catalyzed C-H Activation Enabled by Chiral Carboxylic Acid Cooperation. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 15425-15429	16.4	107
19	Mild Cobalt(III)-Catalyzed Allylative C-F/C-H Functionalizations at Room Temperature. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 12145-12148	4.8	85
18	Enantioselective C-H-Aktivierung mit natürlich vorkommenden 3d-Übergangsmetallen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12934-12949	3.6	84
17	Enantioselective Pallada-Electrocatalyzed C-H Activation by Transient Directing Groups: Expedient Access to Helicenes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13451-13457	16.4	84
16	Cupraelectro-Catalyzed Alkyne Annulation: Evidence for Distinct C <sub>sp</sub> <sup>3</sup> Alkynylation and Decarboxylative C <sub>sp</sub> <sup>3</sup> /C <sub>sp</sub> <sup>2</sup> Manifolds. <i>ACS Catalysis</i> , <b>2019</b> , 9, 7690-7696	13.1	53
15	Cobalt-Catalyzed Oxidative C-H Activation: Strategies and Concepts. <i>ChemSusChem</i> , <b>2020</b> , 13, 3306-3356	6.3	38
14	Enantioselective Cobalt(III)-Catalyzed C <sub>sp</sub> <sup>3</sup> Activation Enabled by Chiral Carboxylic Acid Cooperation. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 15651-15655	3.6	38
13	Cobalaelectro-Catalyzed C <sub>sp</sub> <sup>3</sup> Acyloxylation. <i>Chinese Journal of Chemistry</i> , <b>2019</b> , 37, 552-556	4.9	33
12	Cobalaelectro-Catalyzed C <sub>sp</sub> <sup>3</sup> Allylation with Unactivated Alkenes. <i>ACS Catalysis</i> , <b>2020</b> , 10, 6457-6462	13.1	30
11	Synthesis of quinones with highlighted biological applications: A critical update on the strategies towards bioactive compounds with emphasis on lapachones. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 179, 863-915	6.8	27
10	Enantioselective Pallada-elektrokatalysierte C-H-Aktivierung durch transiente dirigierende Gruppen: Ein natürlicher Zugang zu Helicenen. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13553-13559	3.6	22
9	Enantioselective Ruthenium-Catalyzed C-H Alkylations by a Chiral Carboxylic Acid with Attractive Dispersive Interactions. <i>Organic Letters</i> , <b>2021</b> , 23, 2760-2765	6.2	14
8	Cobalaelectro-catalyzed C-H activation for resource-economical molecular syntheses. <i>Nature Protocols</i> , <b>2020</b> , 15, 1760-1774	18.8	12
7	Insights into the Mechanism of Low-Valent Cobalt-Catalyzed C <sub>sp</sub> <sup>3</sup> Activation. <i>ACS Catalysis</i> , <b>2021</b> , 11, 1505-1515	13.1	12

- 6 Enantioselective palladaelectro-catalyzed C-H olefinations and allylations for N-C axial chirality. *Chemical Science*, **2021**, 12, 14182-14188 9.4 9
- 5 Green strategies for transition metal-catalyzed C $\beta$ H activation in molecular syntheses. *Organic Chemistry Frontiers*, **2021**, 8, 4886-4913 5.2 9
- 4 C $\beta$ H/C $\beta$ H functionalization by E-selective ruthenium (II) catalysis. *Journal of Catalysis*, **2018**, 364, 14-18 7.3 7
- 3 Recent Advances in Distal Aliphatic sp<sup>3</sup> CH Functionalization **2017**, 327-355 2
- 2 Electrochemical Cobalt-Catalyzed C $\alpha$ H Activations with Potential 1-31
- 1 ASYMMETRIC C $\beta$ H FUNCTIONALIZATION OF C(sp<sup>2</sup>) $\beta$ H BOND **2022**, 385-427