

# Uttam Dhawa

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,814  
citations

430442

18  
h-index

752256

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective C <sup>α</sup> H Activation with Earth-Abundant 3d Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12803-12818.	7.2	330
2	Enantioselective Cobalt(III)-Catalyzed C <sup>α</sup> H Activation Enabled by Chiral Carboxylic Acid Cooperation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15425-15429.	7.2	177
3	Enantioselective Palladium-Electrocatalyzed C <sup>α</sup> H Activation by Transient Directing Groups: Expedient Access to Helicenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13451-13457.	7.2	177
4	Switch to Allylic Selectivity in Cobalt-Catalyzed Dehydrogenative Heck Reactions with Unbiased Aliphatic Olefins. <i>ACS Catalysis</i> , 2016, 6, 5493-5499.	5.5	166
5	C <sup>α</sup> F/C <sup>α</sup> H Functionalization by Manganese(I) Catalysis: Expedient (Per)Fluoro-Allylations and Alkenylations. <i>ACS Catalysis</i> , 2017, 7, 4209-4213.	5.5	165
6	Enantioselektive C <sup>α</sup> H-Aktivierung mit natürlich vorkommenden 3d-Übergangsmetallen. <i>Angewandte Chemie</i> , 2019, 131, 12934-12949.	1.6	107
7	Mild Cobalt(III)-Catalyzed Allylative C <sup>α</sup> F/C <sup>α</sup> H Functionalizations at Room Temperature. <i>Chemistry - A European Journal</i> , 2017, 23, 12145-12148.	1.7	95
8	Cupraelectro-Catalyzed Alkyne Annulation: Evidence for Distinct C <sup>α</sup> H Alkynylation and Decarboxylative C <sup>α</sup> H/C <sup>α</sup> C Manifolds. <i>ACS Catalysis</i> , 2019, 9, 7690-7696.	5.5	76
9	Cobalt-Catalyzed Oxidative C <sup>α</sup> H Activation: Strategies and Concepts. <i>ChemSusChem</i> , 2020, 13, 3306-3356.	3.6	71
10	Green strategies for transition metal-catalyzed C <sup>α</sup> H activation in molecular syntheses. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4886-4913.	2.3	59
11	Enantioselective Cobalt(III)-Catalyzed C <sup>α</sup> H Activation Enabled by Chiral Carboxylic Acid Cooperation. <i>Angewandte Chemie</i> , 2018, 130, 15651-15655.	1.6	57
12	Enantioselective palladium-electrocatalyzed C <sup>α</sup> H olefinations and allylations for N <sup>α</sup> C axial chirality. <i>Chemical Science</i> , 2021, 12, 14182-14188.	3.7	52
13	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> , 2019, 179, 863-915.	2.6	51
14	Cobalt-Electrocatalyzed C <sup>α</sup> H Allylation with Unactivated Alkenes. <i>ACS Catalysis</i> , 2020, 10, 6457-6462.	5.5	48
15	Enantioselektive Palladium-elektrokatalysierte C <sup>α</sup> H-Aktivierung durch transiente dirigierende Gruppen: Ein nachhaltiger Zugang zu Helicenen. <i>Angewandte Chemie</i> , 2020, 132, 13553-13559.	1.6	42
16	Cobalt-electrocatalyzed C <sup>α</sup> H Acyloxylation. <i>Chinese Journal of Chemistry</i> , 2019, 37, 552-556.	2.6	41
17	Enantioselective Ruthenium-Catalyzed C <sup>α</sup> H Alkylations by a Chiral Carboxylic Acid with Attractive Dispersive Interactions. <i>Organic Letters</i> , 2021, 23, 2760-2765.	2.4	38
18	Insights into the Mechanism of Low-Valent Cobalt-Catalyzed C <sup>α</sup> H Activation. <i>ACS Catalysis</i> , 2021, 11, 1505-1515.	5.5	32

#	ARTICLE	IF	CITATIONS
19	Cobalt electro-catalyzed C-H activation for resource-economical molecular syntheses. Nature Protocols, 2020, 15, 1760-1774.	5.5	19
20	C-H/C-F functionalization by E-selective ruthenium (II) catalysis. Journal of Catalysis, 2018, 364, 14-18.	3.1	7
21	Recent Advances in Distal Aliphatic sp <sup>3</sup> C-H Functionalization. , 2017, , 327-355.		4