

Uttam Dhawa

List of Publications by Year in Descending Order

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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.

23
papers

1,146
citations

14
h-index

23
g-index

23
ext. papers

1,538
ext. citations

9.6
avg, IF

5.17
L-index

#	Paper	IF	Citations
23	ASYMMETRIC C-H FUNCTIONALIZATION OF C(sp ²)-H BOND 2022 , 385-427		
22	Enantioselective palladium-electrocatalyzed C-H olefinations and allylations for N-C axial chirality. <i>Chemical Science</i> , 2021 , 12, 14182-14188	9.4	9
21	Enantioselective Ruthenium-Catalyzed C-H Alkylations by a Chiral Carboxylic Acid with Attractive Dispersive Interactions. <i>Organic Letters</i> , 2021 , 23, 2760-2765	6.2	14
20	Green strategies for transition metal-catalyzed C-H activation in molecular syntheses. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4886-4913	5.2	9
19	Insights into the Mechanism of Low-Valent Cobalt-Catalyzed C-H Activation. <i>ACS Catalysis</i> , 2021 , 11, 1505-1515	13.1	12
18	Cobalt-Electrocatalyzed C-H Allylation with Unactivated Alkenes. <i>ACS Catalysis</i> , 2020 , 10, 6457-6462	13.1	30
17	Enantioselective Palladium-Electrocatalyzed C-H Activation by Transient Directing Groups: Expedient Access to Helicenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13451-13457	16.4	84
16	Cobalt-Catalyzed Oxidative C-H Activation: Strategies and Concepts. <i>ChemSusChem</i> , 2020 , 13, 3306-3356	6.3	38
15	Enantioselective Palladium-Electrocatalyzed C-H Activation by Transient Directing Groups: Expedient Access to Helicenes. <i>Angewandte Chemie</i> , 2020 , 132, 13553-13559	3.6	22
14	Cobalt-Electrocatalyzed C-H activation for resource-economical molecular syntheses. <i>Nature Protocols</i> , 2020 , 15, 1760-1774	18.8	12
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	6.8	27
12	Enantioselective C-H Activation with Earth-Abundant 3d Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12803-12818	16.4	199
11	Enantioselective C-H Activation with Earth-Abundant 3d Transition Metals. <i>Angewandte Chemie</i> , 2019 , 131, 12934-12949	3.6	84
10	Cobalt-Electrocatalyzed C-H Acyloxylation. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 552-556	4.9	33
9	Cupratelectrocatalyzed Alkyne Annulation: Evidence for Distinct C-H Alkynylation and Decarboxylative C-H/C=C Manifolds. <i>ACS Catalysis</i> , 2019 , 9, 7690-7696	13.1	53
8	Enantioselective Cobalt(III)-Catalyzed C-H Activation Enabled by Chiral Carboxylic Acid Cooperation. <i>Angewandte Chemie</i> , 2018 , 130, 15651-15655	3.6	38
7	Enantioselective Cobalt(III)-Catalyzed C-H Activation Enabled by Chiral Carboxylic Acid Cooperation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15425-15429	16.4	107

6	C ₆ H ₅ /C ₆ H ₄ Functionalization by E-selective ruthenium (II) catalysis. <i>Journal of Catalysis</i> , 2018 , 364, 14-18	7.3	7
5	C ₆ H ₅ /C ₆ H ₄ Functionalization by Manganese(I) Catalysis: Expedient (Per)Fluoro-Allylations and Alkenylations. <i>ACS Catalysis</i> , 2017 , 7, 4209-4213	13.1	140
4	Mild Cobalt(III)-Catalyzed Allylative C-F/C-H Functionalizations at Room Temperature. <i>Chemistry - A European Journal</i> , 2017 , 23, 12145-12148	4.8	85
3	Recent Advances in Distal Aliphatic sp ³ CH Functionalization 2017 , 327-355		2
2	Switch to Allylic Selectivity in Cobalt-Catalyzed Dehydrogenative Heck Reactions with Unbiased Aliphatic Olefins. <i>ACS Catalysis</i> , 2016 , 6, 5493-5499	13.1	141
1	Electrochemical Cobalt-Catalyzed C-H Activations with Potential		1-31