

Tuhin Patra

List of Publications by Year in descending order

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2,922
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42
times ranked

2656
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote <i>para</i> -C ⁴ H Functionalization of Arenes by a D-Shaped Biphenyl Template-Based Assembly. <i>Journal of the American Chemical Society</i> , 2015, 137, 11888-11891.	6.6	302
2	Decarboxylation as the Key Step in C ¹ -C Bond Forming Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 7382-7401.	1.7	298
3	Oxidative Trifluoromethylation of Unactivated Olefins: An Efficient and Practical Synthesis of β -Trifluoromethyl-Substituted Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9747-9750.	7.2	271
4	Highly Enantioselective [5 + 2] Annulations through Cooperative N-Heterocyclic Carbene (NHC) Organocatalysis and Palladium Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 3551-3554.	6.6	212
5	Palladium-Catalyzed Directed <i>ortho</i> -C ² H Functionalization of Phenols. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7751-7755.	7.2	184
6	<i>meta</i> -Selective Arene C ³ H Bond Olefination of Arylacetic Acid Using a Nitrile-Based Directing Group. <i>Organic Letters</i> , 2014, 16, 5760-5763.	2.4	180
7	A general and efficient aldehyde decarbonylation reaction by using a palladium catalyst. <i>Chemical Communications</i> , 2012, 48, 4253.	2.2	164
8	Visible-Light-Photosensitized Aryl and Alkyl Decarboxylative Functionalization Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10514-10520.	7.2	163
9	Photosensitized Intermolecular Carboimination of Alkenes through the Persistent Radical Effect. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3172-3177.	7.2	121
10	Metal-free photosensitized oximation of unactivated alkenes with bifunctional oxime carbonates. <i>Nature Catalysis</i> , 2021, 4, 54-61.	16.1	110
11	Sequential <i>meta</i> -C ³ H olefination of synthetically versatile benzyl silanes: effective synthesis of <i>meta</i> -olefinated toluene, benzaldehyde and benzyl alcohols. <i>Chemical Communications</i> , 2016, 52, 2027-2030.	2.2	87
12	Iron-Mediated Decarboxylative Trifluoromethylation of α,β -Unsaturated Carboxylic Acids with Trifluoromethanesulfinate. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5247-5250.	1.2	86
13	Copper mediated decarboxylative direct C ³ H arylation of heteroarenes with benzoic acids. <i>Chemical Communications</i> , 2016, 52, 1432-1435.	2.2	86
14	Palladium-Catalyzed Remote <i>meta</i> -Selective C ³ H Bond Silylation and Germanylation. <i>Organometallics</i> , 2017, 36, 2418-2423.	1.1	74
15	Cooperative Catalysis: A Strategy To Synthesize Trifluoromethyl-thioesters from Aldehydes. <i>ACS Catalysis</i> , 2018, 8, 5842-5846.	5.5	74
16	Nickel-catalyzed decyanation of inert carbon-cyano bonds. <i>Chemical Communications</i> , 2013, 49, 69.	2.2	64
17	DMSO as a Switchable Alkylating Agent in Heteroarene C ² H Functionalization. <i>Chemistry - A European Journal</i> , 2018, 24, 10064-10068.	1.7	47
18	Metal-Mediated Deformylation Reactions: Synthetic and Biological Avenues. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12140-12142.	7.2	43

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19	Nickel-catalyzed hydrogenolysis of unactivated carbon–cyano bonds. <i>Chemical Communications</i> , 2013, 49, 8362.	2.2	43
20	Group 9 Transition Metal–Catalyzed C–H Halogenations. <i>Israel Journal of Chemistry</i> , 2017, 57, 945-952.	1.0	42
21	Visible–Light–Photosensitized Aryl and Alkyl Decarboxylative Functionalization Reactions. <i>Angewandte Chemie</i> , 2019, 131, 10624-10630.	1.6	42
22	Palladium–Catalyzed Directed C–H Functionalization of Phenols. <i>Angewandte Chemie</i> , 2016, 128, 7882-7886.	1.6	39
23	Four–Center Oxidation State Combinations and Near–Infrared Absorption in [Ru(pap)(Q) ₂] _n (Q=3,5–Di–tert–butyl–N–aryl–1,2–benzoquinonemonoimine, pap=2–Phenylazopyridine). <i>Chemistry - A European Journal</i> , 2013, 19, 7384-7394.	1.7	31
24	Catalytic Electrophilic Halogenations and Haloalkoxylations by Non–Heme Iron Halides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2453-2458.	2.1	24
25	Energietransfervermittelte intermolekulare Carboiminylierung von Alkenen durch den –Persistent Radical Effect–. <i>Angewandte Chemie</i> , 2020, 132, 3198-3203.	1.6	24
26	Overriding ortho selectivity by template assisted meta–C–H activation of benzophenones. <i>Chemical Communications</i> , 2020, 56, 7281-7284.	2.2	14
27	Hypervalent Bromine(III) Compounds: Synthesis, Applications, Prospects. <i>Synthesis</i> , 2022, 54, 1261-1271.	1.2	9
28	Recent Developments in Hydrodecyanation and Decyanative Functionalization Reactions. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	8
29	Frontispiece: Decarboxylation as the Key Step in C–C Bond–Forming Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0