

Basudev Sahoo

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,211
citations

218677

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377865

34
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docs citations

48
times ranked

3048
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Catalysis Sees the Light: Combining Photoredox with Organo π Acid, and Transition π Metal Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 3874-3886.	3.3	632
2	Combining Gold and Photoredox Catalysis: Visible Light-Mediated Oxy- and Aminoarylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 5505-5508.	13.7	471
3	Dual Photoredox and Gold Catalysis: Intermolecular Multicomponent Oxyarylation of Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2794-2800.	4.3	182
4	N-Heterocyclic Carbene Catalyzed Switchable Reactions of Enals with Azoalkenes: Formal [4 + 3] and [4 + 1] Annulations for the Synthesis of 1,2-Diazepines and Pyrazoles. <i>Journal of the American Chemical Society</i> , 2014, 136, 17402-17405.	13.7	168
5	Visible π Light Photoredox π Catalyzed Semipinacol π Type Rearrangement: Trifluoromethylation/Ring Expansion by a Radical π Polar Mechanism. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11577-11580.	13.8	160
6	Cobalt Complexes as an Emerging Class of Catalysts for Homogeneous Hydrogenations. <i>Accounts of Chemical Research</i> , 2018, 51, 1858-1869.	15.6	159
7	Dual gold/photoredox-catalyzed C(sp) π H arylation of terminal alkynes with diazonium salts. <i>Chemical Science</i> , 2016, 7, 89-93.	7.4	157
8	Tackling Remote π sp π 3 π C π H Functionalization via Ni π Catalyzed π chain π walking π Reactions. <i>Israel Journal of Chemistry</i> , 2020, 60, 195-206.	2.3	156
9	Conjugate Umpolung of π , π -Disubstituted Enals by Dual Catalysis with an N π Heterocyclic Carbene and a Br π nsted Acid: Facile Construction of Contiguous Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10515-10519.	13.8	134
10	A Biomass π Derived Non π Noble Cobalt Catalyst for Selective Hydrodehalogenation of Alkyl and (Hetero)Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11242-11247.	13.8	83
11	Selective cobalt nanoparticles for catalytic transfer hydrogenation of N-heteroarenes. <i>Chemical Science</i> , 2017, 8, 6239-6246.	7.4	83
12	Site π Selective, Remote sp π 3 π C π H Carboxylation Enabled by the Merger of Photoredox and Nickel Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 9001-9005.	3.3	78
13	Accelerated Discovery in Photocatalysis using a Mechanism π Based Screening Method. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4361-4366.	13.8	71
14	External π Photocatalyst π Free Visible π Light π Mediated Synthesis of Indolizines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15545-15549.	13.8	67
15	Biomass π Derived Catalysts for Selective Hydrogenation of Nitroarenes. <i>ChemSusChem</i> , 2017, 10, 3035-3039.	6.8	66
16	A robust iron catalyst for the selective hydrogenation of substituted (iso)quinolones. <i>Chemical Science</i> , 2018, 9, 8134-8141.	7.4	63
17	Remote sp π 2 π C π H Carboxylation via Catalytic 1,4-Ni Migration with CO π 2 π . <i>Journal of the American Chemical Society</i> , 2020, 142, 16234-16239.	13.7	57
18	Catalytic Decarboxylation/Carboxylation Platform for Accessing Isotopically Labeled Carboxylic Acids. <i>ACS Catalysis</i> , 2019, 9, 5897-5901.	11.2	51

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19	Hydrogenation of Pyridines Using a Nitrogen-Modified Titania-Supported Cobalt Catalyst. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14488-14492.	13.8	42
20	Utilization of CO ₂ Feedstock for Organic Synthesis by Visible-Light Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, 2254-2269.	3.3	39
21	Tailored Cobalt-Catalysts for Reductive Alkylation of Anilines with Carboxylic Acids under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11673-11677.	13.8	38
22	Organophotoredox-Catalyzed Late-Stage Functionalization of Heterocycles. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1848-1860.	2.7	32
23	A Radical Revolution for Trifluoromethoxylation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7942-7944.	13.8	30
24	Schnelles Entdecken photokatalytischer Reaktionen durch mechanismusbasiertes Screening. <i>Angewandte Chemie</i> , 2016, 128, 4434-4439.	2.0	28
25	A Biomass-Derived Non-Noble Cobalt Catalyst for Selective Hydrodehalogenation of Alkyl and (Hetero)Aryl Halides. <i>Angewandte Chemie</i> , 2017, 129, 11394-11399.	2.0	24
26	Eine radikale Revolution für die Trifluormethoxylierung. <i>Angewandte Chemie</i> , 2018, 130, 8070-8072.	2.0	13
27	Copolymerisation at work: the first example of a highly porous MOF comprising a triarylborane-based linker. <i>CrystEngComm</i> , 2015, 17, 307-312.	2.6	12
28	O-Protected NH-free hydroxylamines: emerging electrophilic aminating reagents for organic synthesis. <i>Chemical Communications</i> , 2021, 57, 13495-13505.	4.1	8
29	Hydrogenation of Pyridines Using a Nitrogen-Modified Titania-Supported Cobalt Catalyst. <i>Angewandte Chemie</i> , 2018, 130, 14696-14700.	2.0	7
30	Functional group tolerance in BTB-based metal-organic frameworks (BTB = benzene-1,3,5-tribenzoate). <i>Microporous and Mesoporous Materials</i> , 2015, 216, 42-50.	4.4	6
31	Transition Metal Free Visible Light-Mediated Synthesis of Polycyclic Indolizines. <i>Springer Theses</i> , 2017, , 81-107.	0.1	0
32	Frontispiece: Utilization of CO ₂ Feedstock for Organic Synthesis by Visible-Light Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
33	Experimental Section. <i>Springer Theses</i> , 2017, , 127-253.	0.1	0