

# Basudev Sahoo

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

3,211  
citations

218677

26  
h-index

377865

34  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of CO <sub>2</sub> Feedstock for Organic Synthesis by Visible-Light Photoredox Catalysis. Chemistry - A European Journal, 2021, 27, 2254-2269.	3.3	39
2	Frontispiece: Utilization of CO <sub>2</sub> Feedstock for Organic Synthesis by Visible-Light Photoredox Catalysis. Chemistry - A European Journal, 2021, 27, .	3.3	0
3	Organophotoredox-Catalyzed Late-Stage Functionalization of Heterocycles. Asian Journal of Organic Chemistry, 2021, 10, 1848-1860.	2.7	32
4	O-Protected NH-free hydroxylamines: emerging electrophilic aminating reagents for organic synthesis. Chemical Communications, 2021, 57, 13495-13505.	4.1	8
5	Tackling Remote $\alpha$ -C-H Functionalization via Ni-Catalyzed $\alpha$ -Chain-Walking Reactions. Israel Journal of Chemistry, 2020, 60, 195-206.	2.3	156
6	Remote $\alpha$ -C-H Carboxylation via Catalytic 1,4-Ni Migration with CO <sub>2</sub> . Journal of the American Chemical Society, 2020, 142, 16234-16239.	13.7	57
7	Catalytic Decarboxylation/Carboxylation Platform for Accessing Isotopically Labeled Carboxylic Acids. ACS Catalysis, 2019, 9, 5897-5901.	11.2	51
8	Site-Selective, Remote $\alpha$ -C-H Carboxylation Enabled by the Merger of Photoredox and Nickel Catalysis. Chemistry - A European Journal, 2019, 25, 9001-9005.	3.3	78
9	A robust iron catalyst for the selective hydrogenation of substituted (iso)quinolones. Chemical Science, 2018, 9, 8134-8141.	7.4	63
10	Hydrogenation of Pyridines Using a Nitrogen-Modified Titania-Supported Cobalt Catalyst. Angewandte Chemie, 2018, 130, 14696-14700.	2.0	7
11	Tailored Cobalt Catalysts for Reductive Alkylation of Anilines with Carboxylic Acids under Mild Conditions. Angewandte Chemie - International Edition, 2018, 57, 11673-11677.	13.8	38
12	Cobalt Complexes as an Emerging Class of Catalysts for Homogeneous Hydrogenations. Accounts of Chemical Research, 2018, 51, 1858-1869.	15.6	159
13	Eine radikale Revolution für die Trifluormethoxylierung. Angewandte Chemie, 2018, 130, 8070-8072.	2.0	13
14	A Radical Revolution for Trifluoromethoxylation. Angewandte Chemie - International Edition, 2018, 57, 7942-7944.	13.8	30
15	Hydrogenation of Pyridines Using a Nitrogen-Modified Titania-Supported Cobalt Catalyst. Angewandte Chemie - International Edition, 2018, 57, 14488-14492.	13.8	42
16	A Biomass-Derived Non-Noble Cobalt Catalyst for Selective Hydrodehalogenation of Alkyl and (Hetero)Aryl Halides. Angewandte Chemie - International Edition, 2017, 56, 11242-11247.	13.8	83
17	A Biomass-Derived Non-Noble Cobalt Catalyst for Selective Hydrodehalogenation of Alkyl and (Hetero)Aryl Halides. Angewandte Chemie, 2017, 129, 11394-11399.	2.0	24
18	Transition Metal Free Visible Light-Mediated Synthesis of Polycyclic Indolizines. Springer Theses, 2017, , 81-107.	0.1	0

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19	Biomass-Derived Catalysts for Selective Hydrogenation of Nitroarenes. <i>ChemSusChem</i> , 2017, 10, 3035-3039.	6.8	66
20	Selective cobalt nanoparticles for catalytic transfer hydrogenation of N-heteroarenes. <i>Chemical Science</i> , 2017, 8, 6239-6246.	7.4	83
21	Experimental Section. <i>Springer Theses</i> , 2017, , 127-253.	0.1	0
22	Schnelles Entdecken photokatalytischer Reaktionen durch mechanismusbasiertes Screening. <i>Angewandte Chemie</i> , 2016, 128, 4434-4439.	2.0	28
23	Accelerated Discovery in Photocatalysis using a Mechanism-Based Screening Method. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4361-4366.	13.8	71
24	Dual gold/photoredox-catalyzed C(sp) <sup>3</sup> -H arylation of terminal alkynes with diazonium salts. <i>Chemical Science</i> , 2016, 7, 89-93.	7.4	157
25	External-Photocatalyst-Free Visible-Light-Mediated Synthesis of Indolizines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15545-15549.	13.8	67
26	Visible-Light Photoredox-Catalyzed Semipinacol-Type Rearrangement: Trifluoromethylation/Ring Expansion by a Radical-Polar Mechanism. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11577-11580.	13.8	160
27	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
28	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
29	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
30	Dual Catalysis Sees the Light: Combining Photoredox with Organo-Acid, and Transition-Metal Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 3874-3886.	3.3	632
31	Dual Photoredox and Gold Catalysis: Intermolecular Multicomponent Oxyarylation of Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2794-2800.	4.3	182
32	Conjugate Umpolung of $\beta,\beta$ -Disubstituted Enals by Dual Catalysis with an N-Heterocyclic Carbene and a Brønsted Acid: Facile Construction of Contiguous Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10515-10519.	13.8	134
33	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