

# Subrata Chakraborty

## List of Publications by Year in descending order

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29  
papers

2,127  
citations

304743

22  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1814  
citing authors

#	ARTICLE	IF	CITATIONS
1	C–C Bond Formation of Benzyl Alcohols and Alkynes Using a Catalytic Amount of KO <sup>t</sup> Bu: Unusual Regioselectivity through a Radical Mechanism. <i>Angewandte Chemie</i> , 2019, 131, 3411-3415.	2.0	7
2	C–C Bond Formation of Benzyl Alcohols and Alkynes Using a Catalytic Amount of KO <sup>t</sup> Bu: Unusual Regioselectivity through a Radical Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3373-3377.	13.8	23
3	Manganese-Catalyzed $\alpha$ -Alkylation of Ketones, Esters, and Amides Using Alcohols. <i>ACS Catalysis</i> , 2018, 8, 10300-10305.	11.2	161
4	Highly Selective, Efficient Deoxygenative Hydrogenation of Amides Catalyzed by a Manganese Pincer Complex via Metal–Ligand Cooperation. <i>ACS Catalysis</i> , 2018, 8, 8014-8019.	11.2	100
5	Direct Conversion of Alcohols into Alkenes by Dehydrogenative Coupling with Hydrazine/Hydrazone Catalyzed by Manganese. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13444-13448.	13.8	50
6	Direct Conversion of Alcohols into Alkenes by Dehydrogenative Coupling with Hydrazine/Hydrazone Catalyzed by Manganese. <i>Angewandte Chemie</i> , 2018, 130, 13632-13636.	2.0	13
7	Iron-Catalyzed Mild and Selective Hydrogenative Cross-Coupling of Nitriles and Amines To Form Secondary Aldimines. <i>Angewandte Chemie</i> , 2017, 129, 2106-2110.	2.0	23
8	Iron-Catalyzed Mild and Selective Hydrogenative Cross-Coupling of Nitriles and Amines To Form Secondary Aldimines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2074-2078.	13.8	70
9	Selective <i>N</i> -Formylation of Amines with H <sub>2</sub> and CO <sub>2</sub> Catalyzed by Cobalt Pincer Complexes. <i>ACS Catalysis</i> , 2017, 7, 2500-2504.	11.2	137
10	Selective Hydrogenation of Nitriles to Secondary Imines Catalyzed by an Iron Pincer Complex. <i>ACS Catalysis</i> , 2017, 7, 3968-3972.	11.2	80
11	Manganese-Catalyzed Direct Deoxygenation of Primary Alcohols. <i>ACS Catalysis</i> , 2017, 7, 4462-4466.	11.2	84
12	Manganese-Catalyzed <i>N</i> -Formylation of Amines by Methanol Liberating H <sub>2</sub> : A Catalytic and Mechanistic Study. <i>Angewandte Chemie</i> , 2017, 129, 4293-4297.	2.0	49
13	Manganese-Catalyzed <i>N</i> -Formylation of Amines by Methanol Liberating H <sub>2</sub> : A Catalytic and Mechanistic Study. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4229-4233.	13.8	170
14	Manganese Catalyzed $\alpha$ -Olefination of Nitriles by Primary Alcohols. <i>Journal of the American Chemical Society</i> , 2017, 139, 11710-11713.	13.7	147
15	<i>Z</i> -Selective (Cross-)Dimerization of Terminal Alkynes Catalyzed by an Iron Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6942-6945.	13.8	98
16	Direct Synthesis of Pyrroles by Dehydrogenative Coupling of Diols and Amines Catalyzed by Cobalt Pincer Complexes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14373-14377.	13.8	158
17	Direct Synthesis of Pyrroles by Dehydrogenative Coupling of Diols and Amines Catalyzed by Cobalt Pincer Complexes. <i>Angewandte Chemie</i> , 2016, 128, 14585-14589.	2.0	44
18	Ullmann-Type and Related Redox Reactions of Nitrosyl Molybdenum Complexes Bearing a Large-Bite-Angle Diphosphine. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 103-110.	2.0	1

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19	Selective (Cross) Dimerization of Terminal Alkynes Catalyzed by an Iron Complex. <i>Angewandte Chemie</i> , 2016, 128, 7056-7059.	2.0	28
20	Selective hydrogenation of nitriles to primary amines catalyzed by a novel iron complex. <i>Chemical Communications</i> , 2016, 52, 1812-1815.	4.1	113
21	Unprecedented iron-catalyzed selective hydrogenation of activated amides to amines and alcohols. <i>Chemical Communications</i> , 2016, 52, 5285-5288.	4.1	99
22	Ligand assisted carbon dioxide activation and hydrogenation using molybdenum and tungsten amides. <i>Dalton Transactions</i> , 2015, 44, 6560-6570.	3.3	51
23	Selective Hydrogenation of Nitriles to Primary Amines Catalyzed by a Cobalt Pincer Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 8888-8891.	13.7	237
24	Highly Active, Low Valence Molybdenum and Tungsten Amide Catalysts for Bifunctional Imine Hydrogenation Reactions. <i>Chemistry - an Asian Journal</i> , 2014, 9, 328-337.	3.3	29
25	Trisphosphine Chelate Substituted Molybdenum and Tungsten Nitrosyl Hydrides as Highly Active Catalysts for Olefin Hydrogenations. <i>Chemistry - A European Journal</i> , 2014, 20, 12641-12654.	3.3	15
26	Hydrogenation of Imines Catalyzed by Trisphosphine Substituted Molybdenum and Tungsten Nitrosyl Hydrides and Co Catalytic Acid. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2896-2907.	3.3	19
27	Homogeneous Hydrogenation of Nitriles Catalyzed by Molybdenum and Tungsten Amides. <i>ACS Catalysis</i> , 2014, 4, 2191-2194.	11.2	89
28	Highly Efficient Large Bite Angle Diphosphine Substituted Molybdenum Catalyst for Hydrosilylation. <i>ACS Catalysis</i> , 2013, 3, 2208-2217.	11.2	19
29	Manganese and Rhenium Formyl Complexes of Diphosphanylborane Ligands: Stabilization of the Formyl Unit from Intramolecular C=O Bond Formation. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4574-4584.	2.0	13