Kuntal Manna

List of Publications by Year
in descending order

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24	2,458	361413 20	552781 26
papers	citations	h-index	g-index

32	32	32	2916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monoâ€Phosphine Metalâ€Organic Frameworkâ€Supported Cobalt Catalyst for Efficient Borylation Reactions. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	11
2	Chemoselective and Tandem Reduction of Arenes Using a Metalâ€“Organic Framework-Supported Single-Site Cobalt Catalyst. Inorganic Chemistry, 2022, 61, 1031-1040.	4.0	4
3	Aluminum Metalâ€“Organic Framework-Ligated Single-Site Nickel(II)-Hydride for Heterogeneous Chemoselective Catalysis. ACS Catalysis, 2021, 11, 3943-3957.	11.2	28
4	Amino Acidâ€Functionalized Metalâ€Organic Frameworks for Asymmetric Baseâ€“Metal Catalysis. Angewandte Chemie, 2021, 133, 11059-11065.	2.0	1
5	Amino Acidâ€Functionalized Metalâ€Organic Frameworks for Asymmetric Baseâ€“Metal Catalysis. Angewandte Chemie - International Edition, 2021, 60, 10964-10970.	13.8	53
6	Metalâ€“Organic Framework-Confined Single-Site Base-Metal Catalyst for Chemoselective Hydrodeoxygenation of Carbonyls and Alcohols. Inorganic Chemistry, 2021, 60, 9029-9039.	4.0	16
7	Chiral Iron(II)-Catalysts within Valinol-Grafted Metalâ€“Organic Frameworks for Enantioselective Reduction of Ketones. ACS Catalysis, 2021, 11, 10450-10459.	11.2	29
8	Single-Site Cobalt-Catalyst Ligated with Pyridylimine-Functionalized Metalâ€“Organic Frameworks for Arene and Benzylic Borylation. Inorganic Chemistry, 2020, 59, 10473-10481.	4.0	31
9	Single-Site Cobalt Catalysts at New Zr₁₂(Î¼₃-O)₈(Î¼₃-OH)₈(Î¼₂-OH)₆ Metalâ€“Organic Framework Nodes for Highly Active Hydrogenation of Nitroarenes, Nitriles, and Isocyanides. Journal of the American Chemical Society, 2017, 139, 7004-7011.	13.7	211
10	Single-Site Cobalt Catalysts at New Zr₈(Î¼₂-O)₈(Î¼₂-OH)₄ Metal-Organic Framework Nodes for Highly Active Hydrogenation of Alkenes, Imines, Carbonyls, and Heterocycles. Journal of the American Chemical Society, 2016, 138, 12234-12242.	13.7	151
11	Chemoselective single-site Earth-abundant metal catalysts at metalâ€“organic framework nodes. Nature Communications, 2016, 7, 12610.	12.8	225
12	Metalâ€“Organic Framework Nodes Support Single-Site Magnesiumâ€“Alkyl Catalysts for Hydroboration and Hydroamination Reactions. Journal of the American Chemical Society, 2016, 138, 7488-7491.	13.7	230
13	Metalâ€“Organic Frameworks Stabilize Solution-Inaccessible Cobalt Catalysts for Highly Efficient Broad-Scope Organic Transformations. Journal of the American Chemical Society, 2016, 138, 3241-3249.	13.7	212
14	Zirconium-Catalyzed Desymmetrization of Aminodialkenes and Aminodialkynes through Enantioselective Hydroamination. Journal of the American Chemical Society, 2015, 137, 425-435.	13.7	43
15	Bipyridine- and Phenanthroline-Based Metalâ€“Organic Frameworks for Highly Efficient and Tandem Catalytic Organic Transformations via Directed Câ€“H Activation. Journal of the American Chemical Society, 2015, 137, 2665-2673.	13.7	266
16	Mixed N-Heterocyclic Carbeneâ€“Bis(oxazolinyl)borato Rhodium and Iridium Complexes in Photochemical and Thermal Oxidative Addition Reactions. Organometallics, 2014, 33, 6840-6860.	2.3	14
17	Postsynthetic Metalation of Bipyridyl-Containing Metalâ€“Organic Frameworks for Highly Efficient Catalytic Organic Transformations. Journal of the American Chemical Society, 2014, 136, 6566-6569.	13.7	281
18	Salicylaldimine-Based Metalâ€“Organic Framework Enabling Highly Active Olefin Hydrogenation with Iron and Cobalt Catalysts. Journal of the American Chemical Society, 2014, 136, 13182-13185.	13.7	159

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19	Highly Enantioselective Zirconium-Catalyzed Cyclization of Aminoalkenes. Journal of the American Chemical Society, 2013, 135, 7235-7250.	13.7	77
20	Acceptorless Photocatalytic Dehydrogenation for Alcohol Decarbonylation and Imine Synthesis. Angewandte Chemie - International Edition, 2012, 51, 8607-8610.	13.8	89
21	Concerted Câ€“N/Câ€“H Bond Formation in Highly Enantioselective Yttrium(III)-Catalyzed Hydroamination. ACS Catalysis, 2011, 1, 1637-1642.	11.2	67
22	A Highly Enantioselective Zirconium Catalyst for Intramolecular Alkene Hydroamination: Significant Isotope Effects on Rate and Stereoselectivity. Angewandte Chemie - International Edition, 2011, 50, 1865-1868.	13.8	112
23	Bis(oxazolinyl)phenylborane: A Lewis acid-containing ligand for methide abstraction-based coordination to aluminum(III). Dalton Transactions, 2010, 39, 641-653.	3.3	32
24	A zwitterionic zirconium complex that catalyzes hydroamination of aminoalkenes at room temperature. Chemical Communications, 2010, 46, 339-341.	4.1	64