

Milan Kr Barman

List of Publications by Year in descending order

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22
papers

1,090
citations

471509

17
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments of Manganese Complexes for Catalytic Hydrogenation and Dehydrogenation Reactions. <i>Synthesis</i> , 2017, 49, 3377-3393.	2.3	196
2	Aluminum Monohydride Catalyzed Selective Hydroboration of Carbonyl Compounds. <i>Organic Letters</i> , 2016, 18, 4710-4713.	4.6	164
3	Phosphine-Free NNN-Manganese Complex Catalyzed α -Alkylation of Ketones with Primary Alcohols and Friedländer Quinoline Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3233-3238.	4.3	129
4	Manganese-Catalyzed Direct Olefination of Methyl-Substituted Heteroarenes with Primary Alcohols. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9126-9130.	13.8	94
5	Magnesium amide catalyzed selective hydroboration of esters. <i>Dalton Transactions</i> , 2017, 46, 4152-4156.	3.3	66
6	An efficient and recyclable thiourea-supported copper(<i>scpi</i>) chloride catalyst for azide-alkyne cycloaddition reactions. <i>Green Chemistry</i> , 2016, 18, 2534-2541.	9.0	55
7	Advancements in multifunctional manganese complexes for catalytic hydrogen transfer reactions. <i>Chemical Communications</i> , 2021, 57, 8534-8549.	4.1	41
8	Manganese-Catalyzed Acceptorless Dehydrogenative Coupling of Alcohols With Sulfones: A Tool To Access Highly Substituted Vinyl Sulfones. <i>Journal of Organic Chemistry</i> , 2019, 84, 973-982.	3.2	38
9	Catalytic C-N bond formation in guanylation reaction by N-heterocyclic carbene supported magnesium(II) and zinc(II) amide complexes. <i>Journal of Organometallic Chemistry</i> , 2014, 769, 112-118.	1.8	35
10	Selective Hydroboration of Carboxylic Acids with a Homogeneous Manganese Catalyst. <i>Journal of Organic Chemistry</i> , 2019, 84, 1570-1579.	3.2	33
11	Bulky guanidinate stabilized homoleptic magnesium, calcium and zinc complexes and their catalytic activity in the Tishchenko reaction. <i>Journal of Organometallic Chemistry</i> , 2015, 785, 52-60.	1.8	32
12	Metal-free access of bulky N,N'-diarylcarbodiimides and their reduction: bulky N,N'-diarylformamidines. <i>New Journal of Chemistry</i> , 2016, 40, 7627-7636.	2.8	30
13	N-Heterocyclic Carbene-Carbodiimide (α -NHC-CDI) Adduct or Zwitterionic-Type Neutral Amidinate-Supported Magnesium(II) and Zinc(II) Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 9535-9546.	4.0	30
14	Guanidinate stabilized germanium(II) and tin(II) amide complexes and their catalytic activity for aryl isocyanate cyclization. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 265-270.	1.8	27
15	Manganese-Catalyzed Direct Olefination of Methyl-Substituted Heteroarenes with Primary Alcohols. <i>Angewandte Chemie</i> , 2018, 130, 9264-9268.	2.0	27
16	Mixed guanidinato-amido Ge(IV) and Sn(IV) complexes with Ge=E (E = S, Se) double bond and SnS ₄ , Sn ₂ Se ₂ rings. <i>RSC Advances</i> , 2016, 6, 338-345.	3.6	19
17	Base Metal-Catalyzed Direct Olefinations of Alcohols with Sulfones. <i>ACS Omega</i> , 2019, 4, 7082-7087.	3.5	19
18	Catalyst free C-N bond formation by the reaction of amines with diimides: bulky guanidines. <i>New Journal of Chemistry</i> , 2015, 39, 7503-7510.	2.8	15

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19	Bulky guanidinate calcium and zinc complexes as catalysts for the intramolecular hydroamination. <i>Journal of Organometallic Chemistry</i> , 2019, 887, 40-47.	1.8	12
20	Manganese-Catalyzed Direct Olefination via an Acceptorless Dehydrogenative Coupling of Methyl Heteroarenes with Primary Alcohols. <i>Synlett</i> , 2019, 30, 12-20.	1.8	11
21	Air Stable N-Heterocyclic Carbene-Carbodiimide (α -NHC-CDI) Adducts: Zwitterionic Type Bulky Amidinates. <i>ChemistrySelect</i> , 2016, 1, 498-503.	1.5	10
22	NHC-stabilized 1-hydrosilamine: synthesis, structure and reactivity. <i>Chemical Communications</i> , 2017, 53, 8592-8595.	4.1	7