

Bo Chen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,014
citations

687363

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713466

21
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26
all docs

26
docs citations

26
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Aerobic Oxidation of Alcohols and Amines to Imines. ACS Catalysis, 2015, 5, 5851-5876.	11.2	431
2	Metal-Free and Solvent-Free Oxidative Coupling of Amines to Imines with Mesoporous Carbon from Macrocyclic Compounds. ACS Catalysis, 2015, 5, 2788-2794.	11.2	140
3	Direct imine formation by oxidative coupling of alcohols and amines using supported manganese oxides under an air atmosphere. Green Chemistry, 2014, 16, 3328.	9.0	89
4	High catalytic activity of mesoporous Co@N/C catalysts for aerobic oxidative synthesis of nitriles. Catalysis Science and Technology, 2016, 6, 5746-5753.	4.1	57
5	Mesoporous carbon derived from vitamin B ₁₂ : a high-performance bifunctional catalyst for imine formation. Chemical Communications, 2016, 52, 481-484.	4.1	53
6	Superelastic Graphene Nanocomposite for High Cycle-Stability Water Capture-Release under Sunlight. ACS Applied Materials & Interfaces, 2019, 11, 15616-15622.	8.0	41
7	Enantioselective oxidation of sulfides with H ₂ O ₂ catalyzed by a pre-formed manganese complex. RSC Advances, 2014, 4, 46545-46554.	3.6	29
8	Development of a Continuous-Flow Microreactor for Asymmetric Sulfoxidation Using a Biomimetic Manganese Catalyst. Advanced Synthesis and Catalysis, 2016, 358, 667-671.	4.3	27
9	Vanadium catalyzed direct synthesis of imines from alcohols and amines by an aerobic oxidative reaction under mild conditions. Chinese Journal of Catalysis, 2015, 36, 19-23.	14.0	25
10	High-performance recyclable V@N@C catalysts for the direct hydroxylation of benzene to phenol using molecular oxygen. RSC Advances, 2015, 5, 31965-31971.	3.6	22
11	Isopropanol as a hydrogen source for single atom cobalt-catalyzed Wacker-type oxidation. Catalysis Science and Technology, 2020, 10, 2769-2773.	4.1	19
12	Heterogeneous manganese-oxide-catalyzed successive cleavage and functionalization of alcohols to access amides and nitriles. Chem, 2022, 8, 1906-1927.	11.7	18
13	Direct Synthesis of Phenol from Benzene by PdVO _x Nanoparticles Using Molecular Oxygen. ChemPlusChem, 2014, 79, 680-683.	2.8	16
14	Synthesis of 6,7-dihydro-5H-cyclopenta[b]pyridin-5-one analogues through manganese-catalyzed oxidation of the CH ₂ adjacent to pyridine moiety in water. Green Chemistry, 2015, 17, 2369-2372.	9.0	11
15	Palladium-Catalyzed Regio- and Stereoselective Hydroaminocarbonylation of Unsymmetrical Internal Alkynes toward 1,2-Unsaturated Amides. Organic Letters, 2022, 24, 4464-4469.	4.6	9
16	Manganese(III)-Promoted Double Carbonylation of Anilines Toward Ketoamides Synthesis. Advanced Synthesis and Catalysis, 2022, 364, 487-492.	4.3	6
17	Aerobic oxidation of benzyl alcohols using a novel combination of N-hydroxyphthalimide (NHPI) with HNO ₃ and CuBr ₂ . Research on Chemical Intermediates, 2015, 41, 3929-3936.	2.7	4
18	Aerobic and Additive-Free Oxidative Dehydrogenation of N-Heterocycles over Commercial MnCO ₃ -derived Manganese Oxides. ChemistrySelect, 2020, 5, 14387-14392.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Manganese(<i>iii</i>)-promoted thiocarbonylation of alkylborates with disulfides: synthesis of aliphatic thioesters. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9654-9658.	2.8	4
20	Hydroxyapatite-supported Manganese Oxides as Efficient Non-noble-metal Catalysts for Selective Aerobic Oxidation of Alcohols. <i>ChemistrySelect</i> , 2020, 5, 4297-4302.	1.5	3
21	Cobalt-catalyzed Direct Aminocarbonylation of Ethers: Efficient Access to α -Amide Substituted Ether Derivatives. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
22	Visible-light-induced defluorinative carbonylative coupling of alkyl iodides with α -trifluoromethyl substituted styrenes. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5264-5269.	2.8	2
23	Polyoxometalate Ionic Liquid-Catalyzed Ritter Reaction for Efficient Synthesis of Amides. <i>Synlett</i> , 0, , .	1.8	1
24	Defect-rich Core-shell Carbon Derived from Ionic Liquid for Direct Synthesis of Imines. <i>ChemistrySelect</i> , 2021, 6, 5961-5966.	1.5	0