

Bo Chen

List of Publications by Year in descending order

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papers

1,014
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687363

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#	ARTICLE	IF	CITATIONS
1	Manganese(III)-Promoted Double Carbonylation of Anilines Toward α -Ketoamides Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 487-492.	4.3	6
2	Heterogeneous manganese-oxide-catalyzed successive cleavage and functionalization of alcohols to access amides and nitriles. <i>Chem</i> , 2022, 8, 1906-1927.	11.7	18
3	Cobalt-Catalyzed Direct Aminocarbonylation of Ethers: Efficient Access to α -Amide Substituted Ether Derivatives. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
4	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
5	Palladium-Catalyzed Regio- and Stereoselective Hydroaminocarbonylation of Unsymmetrical Internal Alkynes toward α,β -Unsaturated Amides. <i>Organic Letters</i> , 2022, 24, 4464-4469.	4.6	9
6	Defect-Rich Core-Shell Carbon Derived from Ionic Liquid for Direct Synthesis of Imines. <i>ChemistrySelect</i> , 2021, 6, 5961-5966.	1.5	0
7	Manganese(III)-promoted thiocarbonylation of alkylborates with disulfides: synthesis of aliphatic thioesters. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9654-9658.	2.8	4
8	Aerobic and Additive-free Oxidative Dehydrogenation of <i>N</i> -heterocycles over Commercial MnCO_3 -derived Manganese Oxides. <i>ChemistrySelect</i> , 2020, 5, 14387-14392.	1.5	4
9	Isopropanol as a hydrogen source for single atom cobalt-catalyzed Wacker-type oxidation. <i>Catalysis Science and Technology</i> , 2020, 10, 2769-2773.	4.1	19
10	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
11	Superelastic Graphene Nanocomposite for High Cycle-Stability Water Capture-Release under Sunlight. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15616-15622.	8.0	41
12	High catalytic activity of mesoporous Co-N/C catalysts for aerobic oxidative synthesis of nitriles. <i>Catalysis Science and Technology</i> , 2016, 6, 5746-5753.	4.1	57
13	Development of a Continuous-Flow Microreactor for Asymmetric Sulfoxidation Using a Biomimetic Manganese Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 667-671.	4.3	27
14	Mesoporous carbon derived from vitamin B ₁₂ : a high-performance bifunctional catalyst for imine formation. <i>Chemical Communications</i> , 2016, 52, 481-484.	4.1	53
15	Metal-Free and Solvent-Free Oxidative Coupling of Amines to Imines with Mesoporous Carbon from Macrocyclic Compounds. <i>ACS Catalysis</i> , 2015, 5, 2788-2794.	11.2	140
16	Vanadium catalyzed direct synthesis of imines from alcohols and amines by an aerobic oxidative reaction under mild conditions. <i>Chinese Journal of Catalysis</i> , 2015, 36, 19-23.	14.0	25
17	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. <i>Green Chemistry</i> , 2015, 17, 2369-2372.	9.0	11
18	High-performance recyclable V-N-C catalysts for the direct hydroxylation of benzene to phenol using molecular oxygen. <i>RSC Advances</i> , 2015, 5, 31965-31971.	3.6	22

#	ARTICLE	IF	CITATIONS
19	Recent Advances in Aerobic Oxidation of Alcohols and Amines to Imines. ACS Catalysis, 2015, 5, 5851-5876.	11.2	431
20	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
21	Direct Synthesis of Phenol from Benzene by Pd ξ VO _x Nanoparticles Using Molecular Oxygen. ChemPlusChem, 2014, 79, 680-683.	2.8	16
22	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
23	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
24	Polyoxometalate Ionic Liquid-Catalyzed Ritter Reaction for Efficient Synthesis of Amides. Synlett, 0, , .	1.8	1