Hefang Wang

List of Publications by Year
in descending order

22 papers	356 citations	1040056 9 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	503 citing authors

#	Article	IF	Citations
1	H₃PW₁₂O₄₀/mpg-C₃N₄ as an efficient and reusable bifunctional catalyst in one-pot oxidationâ€“Knoevenagel condensation tandem reaction. Catalysis Science and Technology, 2017, 7, 405-417.	4.1	66
2	Coffee grounds derived N enriched microporous activated carbons: Efficient adsorbent for post-combustion CO2 capture and conversion. Journal of Colloid and Interface Science, 2020, 578, 491-499.	9.4	61
3	A novel bifunctional Pdâ€“ZIF-8/rGO catalyst with spatially separated active sites for the tandem Knoevenagel condensationâ€“reduction reaction. Catalysis Science and Technology, 2017, 7, 5572-5584.	4.1	60
4	In situ synthesis of Ni nanofibers via vacuum thermal reduction and their efficient catalytic properties for hydrogen generation. Journal of Materials Chemistry A, 2018, 6, 11370-11376.	10.3	26
5	H₅PMo₁₀V₂O₄₀ immobilized on functionalized chloromethylated polystyrene by electrostatic interactions: a highly efficient and recyclable heterogeneous catalyst for hydroxylation of benzene. Catalysis Science and Technology, 2016, 6, 8005-8015.	4.1	23
6	Mgâ€“Al Mixed Oxide Derived from Hydrotalcites Prepared Using the Solvent-Free Method: A Stable Acidâ€“Base Bifunctional Catalyst for Continuous-Flow Transesterification of Dimethyl Carbonate and Ethanol. Industrial & Engineering Chemistry Research, 2020, 59, 5591-5600.	3.7	18
7	Tobaccoâ€Stemâ€Derived Nitrogenâ€Enriched Hierarchical Porous Carbon for Highâ€Energy Supercapacitor. ChemistrySelect, 2021, 6, 532-537.	1.5	17
8	Preparation of PANI grafted at the edge of graphene oxide sheets and its adsorption of Pb(II) and methylene blue. Polymer Composites, 2018, 39, 1663-1673.	4.6	15
9	Graphene oxide edge grafting of polyaniline nanocomposite: an efficient adsorbent for methylene blue and methyl orange. Water Science and Technology, 2018, 77, 2751-2760.	2.5	11
10	The Synthesis of Niâ€“Cu Alloy Nanofibers via Vacuum Thermal Co-reduction Toward Hydrogen Generation from Hydrazine Decomposition. Catalysis Letters, 2019, 149, 77-83.	2.6	9
11	Tobacco stem-derived nitrogen-containing porous carbon with highly dispersed Niâ€“N sites as an efficient electrocatalyst for CO₂ reduction to CO. New Journal of Chemistry, 2021, 45, 1063-1071.	2.8	9
12	Highly selective and stable ZrO2â€“Al2O3 for synthesis of dimethyl carbonate in reactive distillation. Chemical Papers, 2020, 74, 3503-3515.	2.2	7
13	Tobacco stem-derived N-enriched active carbon: efficient metal free catalyst for reduction of nitroarene. Reaction Kinetics, Mechanisms and Catalysis, 2020, 130, 331-346.	1.7	7
14	Rich â^'NH₂ Mesoporous gâ€C₃N₄ Nanosheets Efficient for Cycloaddition of CO₂ to Epoxides without Solvent and Coâ€Catalyst. ChemistrySelect, 2021, 6, 3712-3721.	1.5	6
15	Selective Synthesis of Ethyl Methyl Carbonate via Catalytic Reactive Distillation over Heterogeneous MgO/HZSMâ€5. ChemistrySelect, 2019, 4, 7366-7370.	1.5	5
16	Selective Adsorption of p â€Cresol from a Mixture of m â€Cresol and p â€Cresol over ZSMâ€5â€‰with Controlled Microâ€and Mesoporosity. ChemistrySelect, 2019, 4, 8764-8770.	1.5	4
17	Feâ€Doped Porous gâ€C₃N₄: An Efficient Electrocatalyst with Feâ€N Active Sites for Electrocatalytic Hydrogen Evolution Reaction under Alkaline Conditions. ChemistrySelect, 2022, 7, .	1.5	4
18	Oneâ€Pot Synthesis of Carbonâ€Based Solid Acid Polymer Catalyst: Efficient Catalysts for Liquidâ€Phase Nitration of Alkanes. ChemistrySelect, 2020, 5, 6652-6657.	1.5	3

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19	A Carbonâ€Based Solid Acid Catalyst Prepared through a Oneâ€Step Hydrothermal Carbonization: Efficient Catalysts for Liquidâ€Phase Nitrification. ChemistrySelect, 2021, 6, 9323-9329.	1.5	2
20	Mesoporous Niâ€“Cu/WO_x/ZrO₂ Catalyst with Highly Dispersed WO_x Clusters: Efficient Catalysts for Selective Hydroisomerization of Isobutane to n-Butane. Industrial & Engineering Chemistry Research, 2021, 60, 17439-17449.	3.7	2
21	STUDY ON THE EFFECT OF N-METHYL-2-PYRROLIDONE IN THE DESULFURIZATIONFROM LIQUIFIED PETROLEUM GAS. , 2004, , .		1
22	Bifunctional catalyst of mordeniteâ€•and aluminaâ€•supported platinum for isobutane hydroisomerization to nâ€•butane. Canadian Journal of Chemical Engineering, 2022, 100, 1038-1049.	1.7	0