

# Hefang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

356  
citations

1039406

9  
h-index

794141

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /mpg-C <sub>3</sub> N <sub>4</sub> as an efficient and reusable bifunctional catalyst in one-pot oxidation–Knoevenagel condensation tandem reaction. <i>Catalysis Science and Technology</i> , 2017, 7, 405-417.	2.1	66
2	Coffee grounds derived N enriched microporous activated carbons: Efficient adsorbent for post-combustion CO <sub>2</sub> capture and conversion. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 491-499.	5.0	61
3	A novel bifunctional Pd–ZIF-8/rGO catalyst with spatially separated active sites for the tandem Knoevenagel condensation–reduction reaction. <i>Catalysis Science and Technology</i> , 2017, 7, 5572-5584.	2.1	60
4	<i>In situ</i> synthesis of Ni nanofibers <i>via</i> vacuum thermal reduction and their efficient catalytic properties for hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11370-11376.	5.2	26
5	H <sub>5</sub> PMo <sub>10</sub> V <sub>2</sub> O <sub>40</sub> immobilized on functionalized chloromethylated polystyrene by electrostatic interactions: a highly efficient and recyclable heterogeneous catalyst for hydroxylation of benzene. <i>Catalysis Science and Technology</i> , 2016, 6, 8005-8015.	2.1	23
6	Mg–Al Mixed Oxide Derived from Hydrotalcites Prepared Using the Solvent-Free Method: A Stable Acid–Base Bifunctional Catalyst for Continuous-Flow Transesterification of Dimethyl Carbonate and Ethanol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 5591-5600.	1.8	18
7	Tobacco stem–Derived Nitrogen–Enriched Hierarchical Porous Carbon for High–Energy Supercapacitor. <i>ChemistrySelect</i> , 2021, 6, 532-537.	0.7	17
8	Preparation of PANI grafted at the edge of graphene oxide sheets and its adsorption of Pb(II) and methylene blue. <i>Polymer Composites</i> , 2018, 39, 1663-1673.	2.3	15
9	Graphene oxide edge grafting of polyaniline nanocomposite: an efficient adsorbent for methylene blue and methyl orange. <i>Water Science and Technology</i> , 2018, 77, 2751-2760.	1.2	11
10	The Synthesis of Ni–Cu Alloy Nanofibers via Vacuum Thermal Co-reduction Toward Hydrogen Generation from Hydrazine Decomposition. <i>Catalysis Letters</i> , 2019, 149, 77-83.	1.4	9
11	Tobacco stem-derived nitrogen-containing porous carbon with highly dispersed Ni–N sites as an efficient electrocatalyst for CO <sub>2</sub> reduction to CO. <i>New Journal of Chemistry</i> , 2021, 45, 1063-1071.	1.4	9
12	Highly selective and stable ZrO <sub>2</sub> –Al <sub>2</sub> O <sub>3</sub> for synthesis of dimethyl carbonate in reactive distillation. <i>Chemical Papers</i> , 2020, 74, 3503-3515.	1.0	7
13	Tobacco stem-derived N-enriched active carbon: efficient metal free catalyst for reduction of nitroarene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 130, 331-346.	0.8	7
14	Rich –NH <sub>2</sub> Mesoporous g–C <sub>3</sub> N <sub>4</sub> Nanosheets Efficient for Cycloaddition of CO <sub>2</sub> to Epoxides without Solvent and Co–Catalyst. <i>ChemistrySelect</i> , 2021, 6, 3712-3721.	0.7	6
15	Selective Synthesis of Ethyl Methyl Carbonate via Catalytic Reactive Distillation over Heterogeneous MgO/HZSM–5. <i>ChemistrySelect</i> , 2019, 4, 7366-7370.	0.7	5
16	Selective Adsorption of p–Cresol from a Mixture of m–Cresol and p–Cresol over ZSM–5–%with Controlled Micro– and Mesoporosity. <i>ChemistrySelect</i> , 2019, 4, 8764-8770.	0.7	4
17	Fe–Doped Porous g–C <sub>3</sub> N <sub>4</sub> : An Efficient Electrocatalyst with Fe–N Active Sites for Electrocatalytic Hydrogen Evolution Reaction under Alkaline Conditions. <i>ChemistrySelect</i> , 2022, 7, .	0.7	4
18	One–Pot Synthesis of Carbon–Based Solid Acid Polymer Catalyst: Efficient Catalysts for Liquid–Phase Nitration of Alkanes. <i>ChemistrySelect</i> , 2020, 5, 6652-6657.	0.7	3

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19	A Carbon-Based Solid Acid Catalyst Prepared through a One-Step Hydrothermal Carbonization: Efficient Catalysts for Liquid-Phase Nitrification. <i>ChemistrySelect</i> , 2021, 6, 9323-9329.	0.7	2
20	Mesoporous Ni-Cu/WO <sub>x</sub> /ZrO <sub>2</sub> Catalyst with Highly Dispersed WO <sub>x</sub> Clusters: Efficient Catalysts for Selective Hydroisomerization of Isobutane to <i>n</i> -Butane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 17439-17449.	1.8	2
21	STUDY ON THE EFFECT OF N-METHYL-2-PYRROLIDONE IN THE DESULFURIZATION FROM LIQUIFIED PETROLEUM GAS. , 2004, , .		1
22	Bifunctional catalyst of mordenite and alumina-supported platinum for isobutane hydroisomerization to <i>n</i> -butane. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 1038-1049.	0.9	0