

Jia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,432
citations

361413

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477307

29
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docs citations

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times ranked

2170
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Direct Oxidative Amination of the Methyl C-H Bond in N-Heterocycles over Metal-Free Mesoporous Carbon. ACS Catalysis, 2021, 11, 10902-10912. | 11.2 | 11 |
| 2 | Graphitic phosphorus coordinated single Fe atoms for hydrogenative transformations. Nature Communications, 2020, 11, 4074. | 12.8 | 122 |
| 3 | Mesoporous carbon with high content of graphitic nitrogen for selective oxidation of ethylbenzene. RSC Advances, 2019, 9, 28253-28257. | 3.6 | 4 |
| 4 | Phosphorus oxide clusters stabilized by carbon nanotubes for selective isomerization and dehydrogenation of 1 ² -isopentene. Catalysis Science and Technology, 2018, 8, 1522-1527. | 4.1 | 11 |
| 5 | Few-layer sp ² carbon supported on Al ₂ O ₃ as hybrid structure for ethylbenzene oxidative dehydrogenation. Catalysis Today, 2018, 301, 32-37. | 4.4 | 9 |
| 6 | Nanodiamond@Core-Reinforced, Graphene@Shell-Immobilized Platinum Nanoparticles as a Highly Active Catalyst for the Low-Temperature Dehydrogenation of n-Butane. ChemCatChem, 2018, 10, 520-524. | 3.7 | 15 |
| 7 | Pt NPs immobilized on a N-doped graphene@Al ₂ O ₃ hybrid support as robust catalysts for low temperature CO oxidation. Chemical Communications, 2018, 54, 11168-11171. | 4.1 | 21 |
| 8 | Chemocatalytic Conversion of Cellulosic Biomass to Methyl Glycolate, Ethylene Glycol, and Ethanol. ChemSusChem, 2017, 10, 1390-1394. | 6.8 | 73 |
| 9 | Direct Insight into Ethane Oxidative Dehydrogenation over Boron Nitrides. ChemCatChem, 2017, 9, 3293-3297. | 3.7 | 112 |
| 10 | Selective Hydrogenolysis of Glycerol to 1,3-Propanediol: Manipulating the Frustrated Lewis Pairs by Introducing Gold to Pt/WO _x . ChemSusChem, 2017, 10, 818-818. | 6.8 | 0 |
| 11 | Hydrothermal Carbon Enriched with Oxygenated Groups from Biomass Glucose as an Efficient Carbocatalyst. Angewandte Chemie - International Edition, 2017, 56, 600-604. | 13.8 | 51 |
| 12 | Hydrothermal Carbon Enriched with Oxygenated Groups from Biomass Glucose as an Efficient Carbocatalyst. Angewandte Chemie, 2017, 129, 615-619. | 2.0 | 23 |
| 13 | A Facile and Efficient Method to Fabricate Highly Selective Nanocarbon Catalysts for Oxidative Dehydrogenation. ChemSusChem, 2017, 10, 353-358. | 6.8 | 19 |
| 14 | Fabrication of MgO@rGO hybrid catalysts with a sandwich structure for enhanced ethylbenzene dehydrogenation performance. Chemical Communications, 2017, 53, 11322-11325. | 4.1 | 21 |
| 15 | Selective Hydrogenolysis of Glycerol to 1,3-Propanediol: Manipulating the Frustrated Lewis Pairs by Introducing Gold to Pt/WO _x . ChemSusChem, 2017, 10, 819-824. | 6.8 | 89 |
| 16 | Nitrogen-doped carbon nanotubes as bifunctional catalysts with enhanced catalytic performance for selective oxidation of ethanol. Carbon, 2017, 111, 519-528. | 10.3 | 43 |
| 17 | Hydrogenolysis of Glycerol to 1,3-Propanediol under Low Hydrogen Pressure over WO _x -Supported Single/Pseudo-Single Atom Pt Catalyst. ChemSusChem, 2016, 9, 784-790. | 6.8 | 140 |
| 18 | Multi-Walled Carbon Nanotubes as a Catalyst for Gas-Phase Oxidation of Ethanol to Acetaldehyde. ChemSusChem, 2016, 9, 1820-1826. | 6.8 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Increasing fluorine concentration to control the microstructure from fullerene-like to amorphous in carbon films. RSC Advances, 2016, 6, 21719-21724. | 3.6 | 3 |
| 20 | Oxygen breaks into carbon nanotubes and abstracts hydrogen from propane. Carbon, 2016, 96, 631-640. | 10.3 | 38 |
| 21 | Facile synthesis of Pd nanoparticles encapsulated into hollow carbon nanospheres with robust catalytic performance. Catalysis Today, 2016, 260, 55-59. | 4.4 | 30 |
| 22 | High-performance Fe-N-doped Graphene Electrocatalysts with pH-dependent Active Sites for the Oxygen Reduction Reaction. ChemElectroChem, 2015, 2, 2032-2040. | 3.4 | 34 |
| 23 | Facile Synthesis of Au Nanoparticles Embedded in an Ultrathin Hollow Graphene Nanoshell with Robust Catalytic Performance. Small, 2015, 11, 5059-5064. | 10.0 | 69 |
| 24 | Porous graphene-based material as an efficient metal free catalyst for the oxidative dehydrogenation of ethylbenzene to styrene. Chemical Communications, 2015, 51, 3423-3425. | 4.1 | 51 |
| 25 | Efficient and highly selective boron-doped carbon materials-catalyzed reduction of nitroarenes. Chemical Communications, 2015, 51, 13086-13089. | 4.1 | 84 |
| 26 | Size-controlled nitrogen-containing mesoporous carbon nanospheres by one-step aqueous self-assembly strategy. Journal of Materials Chemistry A, 2015, 3, 2305-2313. | 10.3 | 149 |
| 27 | Nitrobenzene reduction catalyzed by carbon: does the reaction really belong to carbocatalysis?. Catalysis Science and Technology, 2014, 4, 4183-4187. | 4.1 | 42 |
| 28 | Towards a highly dispersed and more thermally stable Ru/OCNT catalyst. Chemical Communications, 2014, 50, 3856. | 4.1 | 11 |
| 29 | Synthesis of nitrogen-containing ordered mesoporous carbon as a metal-free catalyst for selective oxidation of ethylbenzene. Chemical Communications, 2014, 50, 9182-9184. | 4.1 | 70 |
| 30 | Mesoporous Ti-W oxide: synthesis, characterization, and performance in selective hydrogenolysis of glycerol. Journal of Materials Chemistry A, 2013, 1, 3724. | 10.3 | 63 |