Jia Wang

List of Publications by Year in descending order

30 papers	1,432 citations	361413 20 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	2170 citing authors

#	Article	IF	Citations
1	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
2	Hydrogenolysis of Glycerol to 1,3â€propanediol under Low Hydrogen Pressure over WO_xâ€Supported Single/Pseudoâ€Single Atom Pt Catalyst. ChemSusChem, 2016, 9, 784-790.	6.8	140
3	Graphitic phosphorus coordinated single Fe atoms for hydrogenative transformations. Nature Communications, 2020, 11, 4074.	12.8	122
4	Direct Insight into Ethane Oxidative Dehydrogenation over Boron Nitrides. ChemCatChem, 2017, 9, 3293-3297.	3.7	112
5	Selective Hydrogenolysis of Glycerol to 1,3â€Propanediol: Manipulating the Frustrated Lewis Pairs by Introducing Gold to Pt/WO_x. ChemSusChem, 2017, 10, 819-824.	6.8	89
6	Efficient and highly selective boron-doped carbon materials-catalyzed reduction of nitroarenes. Chemical Communications, 2015, 51, 13086-13089.	4.1	84
7	Chemocatalytic Conversion of Cellulosic Biomass to Methyl Glycolate, Ethylene Glycol, and Ethanol. ChemSusChem, 2017, 10, 1390-1394.	6.8	73
8	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
9	Facile Synthesis of Au Nanoparticles Embedded in an Ultrathin Hollow Graphene Nanoshell with Robust Catalytic Performance. Small, 2015, 11, 5059-5064.	10.0	69
10	Mesoporous Tiâ€“W oxide: synthesis, characterization, and performance in selective hydrogenolysis of glycerol. Journal of Materials Chemistry A, 2013, 1, 3724.	10.3	63
11	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
12	Hydrothermal Carbon Enriched with Oxygenated Groups from Biomass Glucose as an Efficient Carbocatalyst. Angewandte Chemie - International Edition, 2017, 56, 600-604.	13.8	51
13	Nitrogen-doped carbon nanotubes as bifunctional catalysts with enhanced catalytic performance for selective oxidation of ethanol. Carbon, 2017, 111, 519-528.	10.3	43
14	Nitrobenzene reduction catalyzed by carbon: does the reaction really belong to carbocatalysis?. Catalysis Science and Technology, 2014, 4, 4183-4187.	4.1	42
15	Oxygen breaks into carbon nanotubes and abstracts hydrogen from propane. Carbon, 2016, 96, 631-640.	10.3	38
16	Highâ€Performance Feâ€“Nâ€Doped Graphene Electrocatalysts with pHâ€Dependent Active Sites for the Oxygen Reduction Reaction. ChemElectroChem, 2015, 2, 2032-2040.	3.4	34
17	Facile synthesis of Pd nanoparticles encapsulated into hollow carbon nanospheres with robust catalytic performance. Catalysis Today, 2016, 260, 55-59.	4.4	30
18	Multiâ€Walled Carbon Nanotubes as a Catalyst for Gasâ€Phase Oxidation of Ethanol to Acetaldehyde. ChemSusChem, 2016, 9, 1820-1826.	6.8	24

#	Article	IF	Citations
19	Hydrothermal Carbon Enriched with Oxygenated Groups from Biomass Glucose as an Efficient Carbocatalyst. Angewandte Chemie, 2017, 129, 615-619.	2.0	23
20	Fabrication of MgOâ€“rGO hybrid catalysts with a sandwich structure for enhanced ethylbenzene dehydrogenation performance. Chemical Communications, 2017, 53, 11322-11325.	4.1	21
21	Pt NPs immobilized on a N-doped graphene@Al₂O₃ hybrid support as robust catalysts for low temperature CO oxidation. Chemical Communications, 2018, 54, 11168-11171.	4.1	21
22	A Facile and Efficient Method to Fabricate Highly Selective Nanocarbon Catalysts for Oxidative Dehydrogenation. ChemSusChem, 2017, 10, 353-358.	6.8	19
23	Nanodiamondâ€Coreâ€Reinforced, Grapheneâ€Shellâ€Immobilized Platinum Nanoparticles as a Highly Active Catalyst for the Lowâ€Temperature Dehydrogenation of nâ€Butane. ChemCatChem, 2018, 10, 520-524.	3.7	15
24	Towards a highly dispersed and more thermally stable Ru/OCNT catalyst. Chemical Communications, 2014, 50, 3856.	4.1	11
25	Phosphorus oxide clusters stabilized by carbon nanotubes for selective isomerization and dehydrogenation of Î²-isopentene. Catalysis Science and Technology, 2018, 8, 1522-1527.	4.1	11
26	Direct Oxidative Amination of the Methyl Câ€“H Bond in N-Heterocycles over Metal-Free Mesoporous Carbon. ACS Catalysis, 2021, 11, 10902-10912.	11.2	11
27	Few-layer sp2 carbon supported on Al2O3 as hybrid structure for ethylbenzene oxidative dehydrogenation. Catalysis Today, 2018, 301, 32-37.	4.4	9
28	Mesoporous carbon with high content of graphitic nitrogen for selective oxidation of ethylbenzene. RSC Advances, 2019, 9, 28253-28257.	3.6	4
29	Increasing fluorine concentration to control the microstructure from fullerene-like to amorphous in carbon films. RSC Advances, 2016, 6, 21719-21724.	3.6	3
30	Selective Hydrogenolysis of Glycerol to 1,3â€Propanediol: Manipulating the Frustrated Lewis Pairs by Introducing Gold to Pt/WO_x. ChemSusChem, 2017, 10, 818-818.	6.8	0