Junhao

List of Publications by Year
in descending order

18	1,328	516561 16	839398 18
papers	citations	h-index	g-index

18	18	18	1600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pt Nanoparticles Sensitized Ordered Mesoporous WO₃ Semiconductor: Gas Sensing Performance and Mechanism Study. Advanced Functional Materials, 2018, 28, 1705268.	7.8	231
2	Mesoporous Tungsten Oxides with Crystalline Framework for Highly Sensitive and Selective Detection of Foodborne Pathogens. Journal of the American Chemical Society, 2017, 139, 10365-10373.	6.6	200
3	Synthesis of orthogonally assembled 3D cross-stacked metal oxide semiconducting nanowires. Nature Materials, 2020, 19, 203-211.	13.3	172
4	Recent advances in amphiphilic block copolymer templated mesoporous metal-based materials: assembly engineering and applications. Chemical Society Reviews, 2020, 49, 1173-1208.	18.7	103
5	Controllable Interfaceâ€Induced Coâ€Assembly toward Highly Ordered Mesoporous Pt@TiO₂/gâ€C₃N₄ Heterojunctions with Enhanced Photocatalytic Performance. Advanced Functional Materials, 2018, 28, 1806214.	7.8	99
6	Ordered Mesoporous Tin Oxide Semiconductors with Large Pores and Crystallized Walls for High-Performance Gas Sensing. ACS Applied Materials & Interfaces, 2018, 10, 1871-1880.	4.0	89
7	Rational Synthesis and Gas Sensing Performance of Ordered Mesoporous Semiconducting WO₃/NiO Composites. ACS Applied Materials & Interfaces, 2019, 11, 26268-26276.	4.0	74
8	Cementing Mesoporous ZnO with Silica for Controllable and Switchable Gas Sensing Selectivity. Chemistry of Materials, 2019, 31, 8112-8120.	3.2	58
9	Rationally Designed Dualâ€Mesoporous Transition Metal Oxides/Noble Metal Nanocomposites for Fabrication of Gas Sensors in Realâ€Time Detection of 3â€Hydroxyâ€2â€Butanone Biomarker. Advanced Functional Materials, 2022, 32, 2107439.	7.8	46
10	A General and Straightforward Route to Noble Metalâ€Decorated Mesoporous Transitionâ€Metal Oxides with Enhanced Gas Sensing Performance. Small, 2019, 15, e1904240.	5.2	45
11	Noble Metal Nanoparticles Decorated Metal Oxide Semiconducting Nanowire Arrays Interwoven into 3D Mesoporous Superstructures for Low-Temperature Gas Sensing. ACS Central Science, 2021, 7, 1885-1897.	5.3	45
12	Au Nanoparticles Decorated Mesoporous SiO₂â€“WO₃ Hybrid Materials with Improved Pore Connectivity for Ultratrace Ethanol Detection at Low Operating Temperature. Small, 2020, 16, e2004772.	5.2	37
13	Mesoporous amorphous Al₂O₃/crystalline WO₃ heterophase hybrids for electrocatalysis and gas sensing applications. Journal of Materials Chemistry A, 2019, 7, 21874-21883.	5.2	34
14	Ordered mesoporous CoO/CeO2 heterostructures with highly crystallized walls and enhanced peroxidase-like bioactivity. Applied Materials Today, 2019, 15, 482-493.	2.3	33
15	Polymerization-Induced Colloid Assembly Route to Iron Oxide-Based Mesoporous Microspheres for Gas Sensing and Fenton Catalysis. ACS Applied Materials & Interfaces, 2018, 10, 13028-13039.	4.0	26
16	A facile construction of heterostructured ZnO/Co3O4 mesoporous spheres and superior acetone sensing performance. Chinese Chemical Letters, 2021, 32, 1998-2004.	4.8	19
17	General and Efficient Synthesis of Two-Dimensional Monolayer Mesoporous Materials with Diverse Framework Compositions. ACS Applied Materials & Interfaces, 2021, 13, 1222-1233.	4.0	9
18	Controllable Multicomponent Coâ€Assembly Approach to Ordered Mesoporous Zirconia Supported with Wellâ€Dispersed Tungsten Oxide Clusters as Highâ€Performance Catalysts. ChemCatChem, 2021, 13, 2863-2872.	1.8	8