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	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
2	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
3	A facile construction of heterostructured ZnO/Co3O4 mesoporous spheres and superior acetone sensing performance. Chinese Chemical Letters, 2021, 32, 1998-2004.	4.8	19
4	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
5	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
6	Synthesis of orthogonally assembled 3D cross-stacked metal oxide semiconducting nanowires. Nature Materials, 2020, 19, 203-211.	13.3	172
7	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
8	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
9	Rational Synthesis and Gas Sensing Performance of Ordered Mesoporous Semiconducting WO₃/NiO Composites. ACS Applied Materials & Interfaces, 2019, 11, 26268-26276.	4.0	74
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	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
12	Cementing Mesoporous ZnO with Silica for Controllable and Switchable Gas Sensing Selectivity. Chemistry of Materials, 2019, 31, 8112-8120.	3.2	58
13	Ordered mesoporous CoO/CeO2 heterostructures with highly crystallized walls and enhanced peroxidase-like bioactivity. Applied Materials Today, 2019, 15, 482-493.	2.3	33
14	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
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	Pt Nanoparticles Sensitized Ordered Mesoporous WO₃ Semiconductor: Gas Sensing Performance and Mechanism Study. Advanced Functional Materials, 2018, 28, 1705268.	7.8	231
17	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
18	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