Yan-Qiong Li

List of Publications by Year
in descending order

25 papers	1,081 citations	687363 13 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1182 citing authors

#	Article	IF	Citations
1	Gas sensing mechanisms of metal oxide semiconductors: a focus review. Nanoscale, 2019, 11, 22664-22684.	5.6	607
2	Recent developments on anode materials for magnesium-ion batteries: a review. Rare Metals, 2021, 40, 290-308.	7.1	75
3	Preparation and Application of 2D MXene-Based Gas Sensors: A Review. Chemosensors, 2021, 9, 225.	3.6	66
4	Three-dimensional graphene and its composite for gas sensors. Rare Metals, 2021, 40, 1494-1514.	7.1	34
5	Gas Sensing Performances of ZnO Hierarchical Structures for Detecting Dissolved Gases in Transformer Oil: A Mini Review. Frontiers in Chemistry, 2018, 6, 508.	3.6	30
6	3D Flower-Like NiO Hierarchical Structures Assembled With Size-Controllable 1D Blocking Units: Gas Sensing Performances Towards Acetylene. Frontiers in Chemistry, 2018, 6, 472.	3.6	29
7	A Review of Electrode for Rechargeable Magnesium Ion Batteries. Journal of Nanoscience and Nanotechnology, 2019, 19, 12-25.	0.9	26
8	Metal oxide-based composite for non-enzymatic glucose sensors. Journal of Materials Science: Materials in Electronics, 2020, 31, 16111-16136.	2.2	20
9	The Functionalized Single-Walled Carbon Nanotubes Gas Sensor With Pd Nanoparticles for Hydrogen Detection in the High-Voltage Transformers. Frontiers in Chemistry, 2020, 8, 174.	3.6	19
10	Application of Metal-Organic Framework-Based Composites for Gas Sensing and Effects of Synthesis Strategies on Gas-Sensitive Performance. Chemosensors, 2021, 9, 226.	3.6	18
11	Hydrothermal synthesis of SnO2 nanocubes and nanospheres and their gas sensing properties. Journal of Materials Science: Materials in Electronics, 2015, 26, 2871-2878.	2.2	17
12	Hydrothermal synthesis of different SnO2 nanosheets with CO gas sensing properties. Journal of Materials Science: Materials in Electronics, 2013, 24, 3701-3706.	2.2	14
13	Synthesis and growth mechanism of CuO nanostructures and their gas sensing properties. Journal of Materials Science: Materials in Electronics, 2014, 25, 2041-2046.	2.2	13
14	Hierarchical WO3 porous microspheres and their sensing properties. Journal of Materials Science: Materials in Electronics, 2014, 25, 1512-1516.	2.2	13
15	The 3D crystal morphologies of NiO gas sensor and constantly improved sensing properties to ethanol. Journal of Materials Science: Materials in Electronics, 2019, 30, 1794-1802.	2.2	13
16	Synthesis of SnO2 flower-like architectures by varying the hydrothermal reaction time. Journal of Materials Science: Materials in Electronics, 2014, 25, 3674-3679.	2.2	12
17	Net-like MoO3 porous architectures: synthesis and their sensing properties. Journal of Materials Science: Materials in Electronics, 2014, 25, 338-342.	2.2	11
18	Hydrothermal synthesis of agglomerating TiO2 nanoflowers and its gas sensing. Journal of Materials Science: Materials in Electronics, 2017, 28, 18781-18786.	2.2	11

#	Article	IF	Citations
19	Facile synthesis of CuCo2O4@NiCo2O4 hybrid nanowire arrays on carbon cloth for a multicomponent non-enzymatic glucose sensor. Nanotechnology, 2020, 31, 495708.	2.6	11
20	Hydrothermal fabrication of WO3Â·H2O with varied morphologies and their gas sensing performances. Journal of Materials Science: Materials in Electronics, 2014, 25, 5158-5164.	2.2	10
21	Template-free synthesis of highly ethanol-response hollow SnO2 spheres using hydrothermal process. Journal of Materials Science: Materials in Electronics, 2015, 26, 1192-1197.	2.2	10
22	Synthesis and gas sensing properties of novel SnO2 nanorods. Journal of Materials Science: Materials in Electronics, 2014, 25, 5006-5012.	2.2	8
23	Facile synthesis of novel MoO3 nanoflowers for high-performance gas sensor. Journal of Materials Science: Materials in Electronics, 2019, 30, 6601-6607.	2.2	8
24	Mesoporous Fe3O4/NiO composite microspheres with pâ€“n heterojunction for a high-performance ethanol sensor. Journal of Materials Science: Materials in Electronics, 2018, 29, 683-687.	2.2	3
25	Hierarchical NiOâ€“CeO nanosheets self-assembly flower-like architecture: heterojunction engineering assisting for high-performance humidity sensor. Journal of Materials Science: Materials in Electronics, 2020, 31, 13229-13239.	2.2	3