

Yan-Qiong Li

List of Publications by Year in descending order

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Version: 2024-02-01

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	Recent developments on anode materials for magnesium-ion batteries: a review. <i>Rare Metals</i> , 2021, 40, 290-308.	7.1	75
2	Preparation and Application of 2D MXene-Based Gas Sensors: A Review. <i>Chemosensors</i> , 2021, 9, 225.	3.6	66
3	Application of Metal-Organic Framework-Based Composites for Gas Sensing and Effects of Synthesis Strategies on Gas-Sensitive Performance. <i>Chemosensors</i> , 2021, 9, 226.	3.6	18
4	Three-dimensional graphene and its composite for gas sensors. <i>Rare Metals</i> , 2021, 40, 1494-1514.	7.1	34
5	Metal oxide-based composite for non-enzymatic glucose sensors. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 16111-16136.	2.2	20
6	Hierarchical NiO@CeO nanosheets self-assembly flower-like architecture: heterojunction engineering assisting for high-performance humidity sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 13229-13239.	2.2	3
7	The Functionalized Single-Walled Carbon Nanotubes Gas Sensor With Pd Nanoparticles for Hydrogen Detection in the High-Voltage Transformers. <i>Frontiers in Chemistry</i> , 2020, 8, 174.	3.6	19
8	Facile synthesis of CuCo ₂ O ₄ @NiCo ₂ O ₄ hybrid nanowire arrays on carbon cloth for a multicomponent non-enzymatic glucose sensor. <i>Nanotechnology</i> , 2020, 31, 495708.	2.6	11
9	Facile synthesis of novel MoO ₃ nanoflowers for high-performance gas sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6601-6607.	2.2	8
10	Gas sensing mechanisms of metal oxide semiconductors: a focus review. <i>Nanoscale</i> , 2019, 11, 22664-22684.	5.6	607
11	The 3D crystal morphologies of NiO gas sensor and constantly improved sensing properties to ethanol. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1794-1802.	2.2	13
12	A Review of Electrode for Rechargeable Magnesium Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 12-25.	0.9	26
13	Mesoporous Fe ₃ O ₄ /NiO composite microspheres with p-n heterojunction for a high-performance ethanol sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 683-687.	2.2	3
14	Gas Sensing Performances of ZnO Hierarchical Structures for Detecting Dissolved Gases in Transformer Oil: A Mini Review. <i>Frontiers in Chemistry</i> , 2018, 6, 508.	3.6	30
15	3D Flower-Like NiO Hierarchical Structures Assembled With Size-Controllable 1D Blocking Units: Gas Sensing Performances Towards Acetylene. <i>Frontiers in Chemistry</i> , 2018, 6, 472.	3.6	29
16	Hydrothermal synthesis of agglomerating TiO ₂ nanoflowers and its gas sensing. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18781-18786.	2.2	11
17	Hydrothermal synthesis of SnO ₂ nanocubes and nanospheres and their gas sensing properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 2871-2878.	2.2	17
18	Template-free synthesis of highly ethanol-response hollow SnO ₂ spheres using hydrothermal process. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 1192-1197.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Hydrothermal fabrication of $\text{WO}_3 \cdot \text{H}_2\text{O}$ with varied morphologies and their gas sensing performances. Journal of Materials Science: Materials in Electronics, 2014, 25, 5158-5164.	2.2	10
20	Net-like MoO_3 porous architectures: synthesis and their sensing properties. Journal of Materials Science: Materials in Electronics, 2014, 25, 338-342.	2.2	11
21	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
22	Hierarchical WO_3 porous microspheres and their sensing properties. Journal of Materials Science: Materials in Electronics, 2014, 25, 1512-1516.	2.2	13
23	Synthesis and gas sensing properties of novel SnO_2 nanorods. Journal of Materials Science: Materials in Electronics, 2014, 25, 5006-5012.	2.2	8
24	Synthesis of SnO_2 flower-like architectures by varying the hydrothermal reaction time. Journal of Materials Science: Materials in Electronics, 2014, 25, 3674-3679.	2.2	12
25	Hydrothermal synthesis of different SnO_2 nanosheets with CO gas sensing properties. Journal of Materials Science: Materials in Electronics, 2013, 24, 3701-3706.	2.2	14