Ying Lin

List of Publications by Year
in descending order

		136950	214800
51	2,300	32	47
papers	citations	h-index	g-index

51	51	51	2238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	G-C3N4/In2O3 composite for effective formaldehyde detection. Sensors and Actuators B: Chemical, 2022, 358, 131414.	7.8	23
2	Synthesis and gas sensing properties of Î²-Fe2O3 derived from Fe/Ga bimetallic organic framework. Journal of Alloys and Compounds, 2022, 921, 166193.	5.5	9
3	Enhanced gas sensing properties for formaldehyde based on ZnO/Zn2SnO4 composites from one-step hydrothermal synthesis. Journal of Alloys and Compounds, 2021, 850, 156606.	5.5	45
4	Construction of p-n heterojunctions by modifying MOF-derived Î±-Fe2O3 with partially covered cobalt tungstate for high-performance ethyl acetate detection. Sensors and Actuators B: Chemical, 2021, 344, 130129.	7.8	20
5	Synthesis of au-decorated SnO2 crystallites with exposed (221) facets and their enhanced acetylene sensing properties. Sensors and Actuators B: Chemical, 2020, 307, 127629.	7.8	44
6	Engineering Co3+ cations in Co3O4 multishelled microspheres by Mn doping: The roles of Co3+ and oxygen species for sensitive xylene detection. Sensors and Actuators B: Chemical, 2020, 308, 127651.	7.8	31
7	Metal-organic frameworks-derived hierarchical ZnO structures as efficient sensing materials for formaldehyde detection. Chinese Chemical Letters, 2020, 31, 2071-2076.	9.0	32
8	Construction of Co3O4/CoWO4 core-shell urchin-like microspheres through ion-exchange method for high-performance acetone gas sensing performance. Sensors and Actuators B: Chemical, 2020, 309, 127711.	7.8	38
9	Metalâ€“organic framework-derived ZnO/ZnCo2O4 microspheres modified by catalytic PdO nanoparticles for sub-ppm-level formaldehyde detection. Sensors and Actuators B: Chemical, 2020, 315, 128118.	7.8	50
10	Metalâ€“organic framework-derived Co3O4/CoFe2O4 double-shelled nanocubes for selective detection of sub-ppm-level formaldehyde. Sensors and Actuators B: Chemical, 2019, 298, 126887.	7.8	62
11	Synthesis of CuOâ€“CdS composite nanowires and their ultrasensitive ethanol sensing properties. Inorganic Chemistry Frontiers, 2019, 6, 238-247.	6.0	27
12	Oxygen vacancies dominated CuO@ZnFe2O4 yolk-shell microspheres for robust and selective detection of xylene. Sensors and Actuators B: Chemical, 2019, 295, 117-126.	7.8	47
13	Metal-organic framework derived core-shell PrFeO3-functionalized Î±-Fe2O3 nano-octahedrons as high performance ethyl acetate sensors. Sensors and Actuators B: Chemical, 2019, 297, 126738.	7.8	27
14	Synthesis of sea urchin-like microsphere of CdS and its gas sensing properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 243, 206-213.	3.5	14
15	Hierarchical Co3O4@NiMoO4 core-shell nanowires for chemiresistive sensing of xylene vapor. Mikrochimica Acta, 2019, 186, 222.	5.0	26
16	Fe2O3 nanoparticles-decorated MoO3 nanobelts for enhanced chemiresistive gas sensing. Journal of Alloys and Compounds, 2019, 782, 672-678.	5.5	60
17	Coordination Polymer-Derived Multishelled Mixed Niâ€“Co Oxide Microspheres for Robust and Selective Detection of Xylene. ACS Applied Materials & Interfaces, 2018, 10, 15314-15321.	8.0	64
18	Synthesis and characterization of Cr-doped WO3 nanofibers for conductometric sensors with high xylene sensitivity. Sensors and Actuators B: Chemical, 2018, 265, 355-364.	7.8	60

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19	Self-template derived ZnFe2O4 double-shell microspheres for chemresistive gas sensing. Sensors and Actuators B: Chemical, 2018, 265, 625-631.	7.8	64
20	Synthesis of hierarchical 3D porous ZnO microspheres decorated by ultra-small Au nanoparticles and its highly enhanced acetylene gas sensing ability. Journal of Alloys and Compounds, 2018, 731, 1029-1036.	5.5	36
21	Improved gas sensing properties of silver-functionalized ZnSnO₃ hollow nanocubes. Inorganic Chemistry Frontiers, 2018, 5, 2123-2131.	6.0	56
22	Self-sacrificing templated formation of Co3O4/ZnCo2O4 composite hollow nanostructures for highly sensitive detecting acetone vapor. Sensors and Actuators B: Chemical, 2018, 273, 1202-1210.	7.8	69
23	Facile synthesis of MnWO4/WO3 electrospun nanofibers as high performance visible-light driven photocatalysts. Materials Letters, 2018, 229, 98-102.	2.6	18
24	Preparation of three-dimensional Ce-doped Sn3O4 hierarchical microsphere and its application on formaldehyde gas sensor. Journal of Alloys and Compounds, 2017, 726, 1092-1100.	5.5	41
25	Synthesis of Ni-doped Î±-MoO3 nanolamella and their improved gas sensing properties. Sensors and Actuators B: Chemical, 2017, 252, 757-763.	7.8	65
26	Enhanced ethyl acetate sensing performance of Al-doped In2O3 microcubes. Sensors and Actuators B: Chemical, 2017, 253, 461-469.	7.8	45
27	One-step synthesis and gas sensing properties of hierarchical Fe doped Co3O4 nanostructures. Journal of Alloys and Compounds, 2017, 723, 779-786.	5.5	52
28	Synthesis of SnO2 nano-dodecahedrons with high-energy facets and their sensing properties to SO2 at low temperature. Journal of Alloys and Compounds, 2017, 723, 595-601.	5.5	40
29	High sensitive and fast formaldehyde gas sensor based on Ag-doped LaFeO3 nanofibers. Journal of Alloys and Compounds, 2017, 695, 1122-1127.	5.5	102
30	Xylene gas sensor based on Au-loaded WO3Â·H2O nanocubes with enhanced sensing performance. Sensors and Actuators B: Chemical, 2017, 238, 364-373.	7.8	118
31	Synthesis and enhanced gas sensing properties of Au-nanoparticle decorated CdS nanowires. RSC Advances, 2016, 6, 70907-70912.	3.6	23
32	One-step synthesis and the enhanced xylene-sensing properties of Fe-doped MoO₃ nanobelts. RSC Advances, 2016, 6, 106364-106369.	3.6	31
33	Fabrication of Sm-doped porous In2O3 nanotubes and their excellent formaldehyde-sensing properties. Journal of Materials Science: Materials in Electronics, 2016, 27, 9870-9876.	2.2	9
34	Hydrothermal synthesis and enhanced xylene-sensing properties of pompon-like Cr-doped Co₃O₄hierarchical nanostructures. RSC Advances, 2016, 6, 22889-22895.	3.6	24
35	Applications for rapid formaldehyde nanoreactor with hierarchical and spherical structure. Sensors and Actuators B: Chemical, 2016, 227, 475-481.	7.8	8
36	Three dimensions sphere formaldehyde nanosensor applications: preparation and sensing properties. RSC Advances, 2015, 5, 50336-50343.	3.6	14

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37	Special nanostructure control of ethanol sensing characteristics based on Au@In₂O₃ sensor with good selectivity and rapid response. RSC Advances, 2015, 5, 9884-9890.	3.6	40
38	Highly stabilized and rapid sensing acetone sensor based on Au nanoparticle-decorated flower-like ZnO microstructures. Journal of Alloys and Compounds, 2015, 650, 37-44.	5.5	55
39	Xylene gas sensor based on Ni doped TiO₂ bowl-like submicron particles with enhanced sensing performance. RSC Advances, 2015, 5, 28105-28110.	3.6	43
40	Preparation of Pd nanoparticle-decorated hollow SnO 2 nanofibers and their enhanced formaldehyde sensing properties. Journal of Alloys and Compounds, 2015, 651, 690-698.	5.5	99
41	Gas Sensors Based on Metal Sulfide Zn_{1â€“x}Cd_xS Nanowires with Excellent Performance. ACS Applied Materials & Interfaces, 2015, 7, 20793-20800.	8.0	60
42	Humidity sensing properties of MoO3-NiO nanocomposite materials. Ceramics International, 2015, 41, 4348-4353.	4.8	26
43	Electrospun nanofibers of p-type NiO/n-type ZnO heterojunction with different NiO content and its influence on trimethylamine sensing properties. Sensors and Actuators B: Chemical, 2015, 207, 90-96.	7.8	91
44	Excellent gas sensing and optical properties of single-crystalline cadmium sulfide nanowires. RSC Advances, 2014, 4, 61691-61697.	3.6	44
45	Hierarchical Fe3O4@Co3O4 coreâ€“shell microspheres: Preparation and acetone sensing properties. Sensors and Actuators B: Chemical, 2014, 199, 346-353.	7.8	98
46	Preparation and Xyleneâ€Sensing Properties of Co₃O₄ Nanofibers. International Journal of Applied Ceramic Technology, 2014, 11, 619-625.	2.1	45
47	Template-free synthesis of Cu₂Oâ€“Co₃O₄ coreâ€“shell composites and their application in gas sensing. RSC Advances, 2014, 4, 24211-24216.	3.6	27
48	Low temperature operating In2â^'xNixO3 sensors with high response and good selectivity for NO2 gas. Journal of Alloys and Compounds, 2013, 581, 653-658.	5.5	23
49	Highly efficient rapid ethanol sensing based on In2â^'Ni O3 nanofibers. Sensors and Actuators B: Chemical, 2012, 166-167, 83-88.	7.8	54
50	Ethanol sensing properties of LaCo Fe1â^'O3 nanoparticles: Effects of calcination temperature, Co-doping, and carbon nanotube-treatment. Sensors and Actuators B: Chemical, 2011, 155, 232-238.	7.8	65
51	HCHO sensing properties of Ag-doped In2O3 nanofibers synthesized by electrospinning. Materials Letters, 2009, 63, 1750-1753.	2.6	36