

Changhao Feng

List of Publications by Year in descending order

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24
papers

977
citations

471509

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642732

23
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all docs

24
docs citations

24
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible and rigid polyurethane based polymer electrolyte for high performance lithium battery. Journal of Applied Polymer Science, 2022, 139, 51566.	2.6	4
2	Lattice expansion and oxygen vacancy of Fe_2O_3 during gas sensing. Talanta, 2021, 221, 121616.	5.5	32
3	Surrounding Dielectrics for Reducing Heating Concentrations of Spheres in Microwave Applicators With Moving Elements. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4589-4598.	4.6	2
4	A Machine Learning Methodology for Diagnosing Chronic Kidney Disease. IEEE Access, 2020, 8, 20991-21002.	4.2	139
5	Electric-field enhancement of molecularly imprinted sol-gel-coated Au nano-urchin sensors for vapor detection of plant biomarkers. Journal of Materials Chemistry C, 2020, 8, 262-269.	5.5	11
6	Revealing the relationship between the Au decoration method and the enhanced acetone sensing performance of a mesoporous In_2O_3 -based gas sensor. Journal of Materials Chemistry C, 2020, 8, 78-88.	5.5	53
7	Molecularly imprinted sol-gel/Au@Ag core-shell nano-urchin localized surface plasmon resonance sensor designed in reflection mode for detection of organic acid vapors. Biosensors and Bioelectronics, 2020, 169, 112639.	10.1	18
8	The Design and Application of Nanomaterials as Drug Carriers in Cancer Treatment. Current Medicinal Chemistry, 2020, 27, 6112-6135.	2.4	6
9	Pt-Cr 2O_3 -WO 3 composite nanofibers as gas sensors for ultra-high sensitive and selective xylene detection. Sensors and Actuators B: Chemical, 2019, 300, 127008.	7.8	43
10	Aluminum-doped NiO nanofibers as chemical sensors for selective and sensitive methanol detection. Analytical Methods, 2019, 11, 575-581.	2.7	31
11	2,4,6-Trinitrophenol detection by a new portable sensing gadget using carbon dots as a fluorescent probe. Analytical and Bioanalytical Chemistry, 2019, 411, 2291-2300.	3.7	26
12	Development of a portable device for Ag ⁺ sensing using CdTe QDs as fluorescence probe via an electron transfer process. Talanta, 2019, 191, 357-363.	5.5	30
13	Electron transfer during binding processes between thiolate molecules and Au nano-islands. Applied Surface Science, 2019, 473, 49-54.	6.1	0
14	One-dimensional Cr-doped NiO nanostructures serving as a highly sensitive gas sensor for trace xylene detection. RSC Advances, 2017, 7, 41105-41110.	3.6	17
15	One-pot synthesis of In doped NiO nanofibers and their gas sensing properties. Sensors and Actuators B: Chemical, 2017, 253, 584-591.	7.8	79
16	Detection of nitrogen dioxide down to ppb levels using flower-like tungsten oxide nanostructures under different annealing temperatures. Journal of Colloid and Interface Science, 2016, 483, 314-320.	9.4	17
17	Facile synthesis and gas sensing properties of $\text{In}_2\text{O}_3/\text{WO}_3$ heterojunction nanofibers. Sensors and Actuators B: Chemical, 2015, 209, 622-629.	7.8	102
18	Nanosheets assembled hierarchical flower-like WO 3 nanostructures: Synthesis, characterization, and their gas sensing properties. Sensors and Actuators B: Chemical, 2015, 210, 75-81.	7.8	106

#	ARTICLE	IF	CITATIONS
19	Facile synthesis and gas sensing properties of La ₂ O ₃ @WO ₃ nanofibers. Sensors and Actuators B: Chemical, 2015, 221, 434-442.	7.8	59
20	One-pot synthesis of hierarchical WO ₃ hollow nanospheres and their gas sensing properties. RSC Advances, 2015, 5, 29698-29703.	3.6	26
21	Synthesis, characterization and gas sensing properties of porous flower-like indium oxide nanostructures. RSC Advances, 2015, 5, 30297-30302.	3.6	21
22	Enhanced sensitive and selective xylene sensors using W-doped NiO nanotubes. Sensors and Actuators B: Chemical, 2015, 221, 1475-1482.	7.8	101
23	Novel cage-like Fe ₂ O ₃ /SnO ₂ composite nanofibers by electrospinning for rapid gas sensing properties. RSC Advances, 2014, 4, 27552-27555.	3.6	35
24	Facile synthesis benzene sensor based on V ₂ O ₅ -doped SnO ₂ nanofibers. RSC Advances, 2014, 4, 47549-47555.	3.6	19