

Fatima E Annanouch

List of Publications by Year in descending order

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20
papers

481
citations

840776

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#	ARTICLE	IF	CITATIONS
1	Single-Step Deposition of Au- and Pt-Nanoparticle-Functionalized Tungsten Oxide Nanoneedles Synthesized Via Aerosol-Assisted CVD, and Used for Fabrication of Selective Gas Microsensor Arrays. <i>Advanced Functional Materials</i> , 2013, 23, 1313-1322.	14.9	143
2	Micromachined gas sensors based on tungsten oxide nanoneedles directly integrated via aerosol assisted CVD. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 210-218.	7.8	53
3	Fluctuation enhanced gas sensing with WO ₃ -based nanoparticle gas sensors modulated by UV light at selected wavelengths. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 453-461.	7.8	51
4	Aerosol assisted chemical vapour deposition of gas sensitive SnO ₂ and Au-functionalised SnO ₂ nanorods via a non-catalysed vapour solid (VS) mechanism. <i>Scientific Reports</i> , 2016, 6, 28464.	3.3	37
5	Microsensors based on Pt-nanoparticle functionalised tungsten oxide nanoneedles for monitoring hydrogen sulfide. <i>RSC Advances</i> , 2014, 4, 1489-1495.	3.6	30
6	Aerosol assisted chemical vapour deposition of gas-sensitive nanomaterials. <i>Thin Solid Films</i> , 2013, 548, 703-709.	1.8	26
7	Localized aerosol-assisted CVD of nanomaterials for the fabrication of monolithic gas sensor microarrays. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 374-383.	7.8	23
8	Hydrodynamic evaluation of gas testing chamber: Simulation, experiment. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 598-606.	7.8	23
9	p-Type PdO nanoparticles supported on n-type WO ₃ nanoneedles for hydrogen sensing. <i>Thin Solid Films</i> , 2016, 618, 238-245.	1.8	20
10	UV-Light-Induced Fluctuation Enhanced Sensing by WO ₃ -Based Gas Sensors. <i>IEEE Sensors Journal</i> , 2016, 16, 5152-5159.	4.7	16
11	An Ultrasensitive Room-Temperature H ₂ S Gas Sensor Based on 3D Assembly of Cu ₂ O Decorated WS ₂ Nanomaterial. <i>IEEE Sensors Journal</i> , 2021, 21, 21212-21220.	4.7	15
12	Potential of a Portable Electronic Nose for Control Quality of Moroccan Traditional Fresh Cheeses. <i>Sensor Letters</i> , 2011, 9, 2229-2231.	0.4	9
13	Micromachined Gas Sensors Based on Au-functionalized SnO ₂ Nanorods Directly Integrated without Catalyst Seeds via AA-CVD. <i>Procedia Engineering</i> , 2016, 168, 1078-1081.	1.2	8
14	Metal Decorated WO ₃ Nanoneedles Fabricated by Aerosol Assisted Chemical Vapor Deposition for Optical Gas Sensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 10125-10132.	0.9	8
15	Single Layer Gold Hotplate, Printed on Polyimide, with Heater Used as Sensing Current Drain for Metal-oxide Gas Sensor. <i>Procedia Engineering</i> , 2015, 120, 707-710.	1.2	7
16	Embedded Transdermal Alcohol Detection via a Finger Using SnO ₂ Gas Sensors. <i>Sensors</i> , 2021, 21, 6852.	3.8	5
17	AA-CVD growth and ethanol sensing properties of pure and metal decorated WO ₃ nanoneedles. <i>International Journal of Nanotechnology</i> , 2013, 10, 455.	0.2	4
18	SnO ₂ Sensors For a Portable Transdermal Alcohol Detector Via Finger. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Single-Crystalline Metal Oxide, Resistive Gas Sensors Advances and Perspectives. , 2018, , .		1
20	Single-step CVD synthesis of layered WS ₂ films for NO ₂ gas sensing. , 2019, , .		0