Fatima E Annanouch

List of Publications by Year
in descending order

20	481	840776 11	888059 17
papers	citations	h-index	g-index

20	20	20	686
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Ultrasensitive Room-Temperature Hâ„‚S Gas Sensor Based on 3D Assembly of Cuâ„‚O Decorated WSâ„‚ Nanomaterial. IEEE Sensors Journal, 2021, 21, 21212-21220.	4.7	15
2	Embedded Transdermal Alcohol Detection via a Finger Using SnO2 Gas Sensors. Sensors, 2021, 21, 6852.	3.8	5
3	Hydrodynamic evaluation of gas testing chamber: Simulation, experiment. Sensors and Actuators B: Chemical, 2019, 290, 598-606.	7.8	23
4	Single-step CVD synthesis of layered WS2 films for NO2 gas sensing. , 2019, , .		0
5	SnO₂ Sensors For a Portable Transdermal Alcohol Detector Via Finger. , 2019, , .		2
6	Single-Crystalline Metal Oxide, Resistive Gas Sensors Advances and Perspectives. , 2018, , .		1
7	Micromachined Gas Sensors Based on Au-functionalized SnO 2 Nanorods Directly Integrated without Catalyst Seeds via AA-CVD. Procedia Engineering, 2016, 168, 1078-1081.	1.2	8
8	Fluctuation enhanced gas sensing with WO3-based nanoparticle gas sensors modulated by UV light at selected wavelengths. Sensors and Actuators B: Chemical, 2016, 234, 453-461.	7.8	51
9	Metal Decorated WO₃ Nanoneedles Fabricated by Aerosol Assisted Chemical Vapor Deposition for Optical Gas Sensing. Journal of Nanoscience and Nanotechnology, 2016, 16, 10125-10132.	0.9	8
10	p -Type PdO nanoparticles supported on n -type WO 3 nanoneedles for hydrogen sensing. Thin Solid Films, 2016, 618, 238-245.	1.8	20
11	Aerosol assisted chemical vapour deposition of gas sensitive SnO2 and Au-functionalised SnO2 nanorods via a non-catalysed vapour solid (VS) mechanism. Scientific Reports, 2016, 6, 28464.	3.3	37
12	UV-Light-Induced Fluctuation Enhanced Sensing by WO₃-Based Gas Sensors. IEEE Sensors Journal, 2016, 16, 5152-5159.	4.7	16
13	Localized aerosol-assisted CVD of nanomaterials for the fabrication of monolithic gas sensor microarrays. Sensors and Actuators B: Chemical, 2015, 216, 374-383.	7.8	23
14	Single Layer Gold Hotplate, Printed on Polyimide, with Heater Used as Sensing Current Drain for Metal-oxide Gas Sensor. Procedia Engineering, 2015, 120, 707-710.	1.2	7
15	Micromachined gas sensors based on tungsten oxide nanoneedles directly integrated via aerosol assisted CVD. Sensors and Actuators B: Chemical, 2014, 198, 210-218.	7.8	53
16	Microsensors based on Ptâ€“nanoparticle functionalised tungsten oxide nanoneedles for monitoring hydrogen sulfide. RSC Advances, 2014, 4, 1489-1495.	3.6	30
17	AA-CVD growth and ethanol sensing properties of pure and metal decorated WO<SUB align="right">3 nanoneedles. International Journal of Nanotechnology, 2013, 10, 455.	0.2	4
18	Aerosol assisted chemical vapour deposition of gas-sensitive nanomaterials. Thin Solid Films, 2013, 548, 703-709.	1.8	26

#	Article	IF	Citations
19	Singleâ€Step Deposition of Auâ€and Ptâ€Nanoparticleâ€Functionalized Tungsten Oxide Nanoneedles Synthesized Via Aerosolâ€Assisted CVD, and Used for Fabrication of Selective Gas Microsensor Arrays. Advanced Functional Materials, 2013, 23, 1313-1322.	14.9	143
20	Potential of a Portable Electronic Nose for Control Quality of Moroccan Traditional Fresh Cheeses. Sensor Letters, 2011, 9, 2229-2231.	0.4	9