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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	873 citations	17 h-index	29 g-index
32 ext. papers	958 ext. citations	4 avg, IF	4.13 L-index

#	Paper	IF	Citations
31	Fabrication of ZnO nanorods for NO2 sensor applications: Effect of dimensions and electrode position. *Journal of Alloys and Compounds*, **2013**, 581, 196-201	5.7	78
30	Electrochemically growth of Pd doped ZnO nanorods on QCM for room temperature VOC sensors. *Sensors and Actuators B: Chemical*, **2016**, 222, 280-289	8.5	76
29	A comparative study on the NO2 gas sensing properties of ZnO thin films, nanowires and nanorods. *Thin Solid Films*, **2011**, 520, 932-938	2.2	73
28	Fabrication of 1D ZnO nanostructures on MEMS cantilever for VOC sensor application. *Sensors and Actuators B: Chemical*, **2014**, 202, 357-364	8.5	69
27	Structure and electrical properties of Mg-doped ZnO nanoparticles. *Crystal Research and Technology*, **2010**, 45, 529-538	1.3	66
26	Structural, electrical transport and NO2 sensing properties of Y-doped ZnO thin films. *Journal of Alloys and Compounds*, **2012**, 536, 138-144	5.7	64
25	Pd thin films on flexible substrate for hydrogen sensor. *Journal of Alloys and Compounds*, **2016**, 674, 179-184	5.7	46
24	Hydrogen sensing properties of ZnO nanorods: Effects of annealing, temperature and electrode structure. *International Journal of Hydrogen Energy*, **2014**, 39, 5194-5201	6.7	42
23	Electrical conduction and NO2 gas sensing properties of ZnO nanorods. *Applied Surface Science*, **2014**, 303, 90-96	6.7	40
22	Fabrication of vertically aligned Pd nanowire array in AAO template by electrodeposition using neutral electrolyte. *Nanoscale Research Letters*, **2010**, 5, 1137-43	5	34
21	Fabrication of ZnO nanowires and nanorods. *Physica E: Low-Dimensional Systems and Nanostructures*, **2012**, 44, 1062-1065	3	33
20	Simple fabrication of hexagonally well-ordered AAO template on silicon substrate in two dimensions. *Applied Physics A: Materials Science and Processing*, **2009**, 95, 781-787	2.6	32
19	Electrical and NO2 sensing properties of liquid crystalline phthalocyanine thin films. *Sensors and Actuators B: Chemical*, **2012**, 173, 203-210	8.5	27
18	Temperature dependence of a nanoporous Pd film hydrogen sensor based on an AAO template on Si. *Applied Physics A: Materials Science and Processing*, **2009**, 97, 745-750	2.6	24
17	Investigation of the hydrogen gas sensing properties of nanoporous Pd alloy films based on AAO templates. *Journal of Alloys and Compounds*, **2011**, 509, 4701-4706	5.7	23
16	Fabrication of Pd□e nanowires with a high aspect ratio by AAO template-assisted electrodeposition. *Journal of Alloys and Compounds*, **2011**, 509, 3894-3898	5.7	18
15	Poly(3-Methylthiophene) Thin Films Deposited Electrochemically on QCMs for the Sensing of Volatile Organic Compounds. *Sensors*, **2016**, 16,	3.8	17

14	Performance enhancement of inverted type organic solar cells by using Eu doped TiO2 thin film. *Surfaces and Interfaces*, **2017**, 9, 64-69	4.1	16
13	Oxidizing gas sensing properties of mesogenic copper octakisalkylthiophthalocyanine chemoresistive sensors. *Thin Solid Films*, **2009**, 517, 6206-6210	2.2	16
12	Fabrication of ZnO nanowires at room temperature by cathodically induced sol–gel method. *Applied Physics A: Materials Science and Processing*, **2010**, 99, 73-78	2.6	14
11	Volatile Organic Compounds and Dimethyl Methyl Phosphonate (DMMP) Sensing Properties of the Metal Oxide Functionalized QCM Transducers at Room Temperature. *Journal of the Electrochemical Society*, **2017**, 164, B657-B664	3.9	12
10	High mobility and low operation voltage organic field effect transistors by using polymer-gel dielectric and molecular doping. *Materials Science in Semiconductor Processing*, **2017**, 66, 207-211	4.3	9
9	Structural and Optical Characterization of TiO2Thin Films Prepared by Sol-Gel Process. *Acta Physica Polonica A*, **2012**, 121, 265-267	0.6	9
8	Effect of intrinsic polymer properties on the photo sensitive organic field-effect transistors (Photo-OFETs). *Microelectronic Engineering*, **2016**, 161, 36-42	2.5	9
7	Performance improvement in photosensitive organic field effect transistor by using multi-layer structure. *Thin Solid Films*, **2019**, 672, 90-99	2.2	9
6	Electrochemical Growth of Pd Doped ZnO Nanorods. *Journal of the Electrochemical Society*, **2015**, 162, D142-D146	3.9	6
5	The Effects of Annealing on Gas Sensing Properties of ZnO Nanorod Sensors Coated with Pd and Pt. *Procedia Engineering*, **2012**, 47, 434-437		5
4	Room-temperature Sensing of Volatile Organic Compounds Using Graphene. *Sensors and Materials*, **2019**, 31, 1365	1.5	2
3	Cobalt–titanium multilayer thin films: Effect of thickness of titanium spacer layer on impedance properties. *Materials Science in Semiconductor Processing*, **2015**, 30, 482-485	4.3	1
2	The NO2Sensing Properties of the Sensors Done with Nano-Tetrapods. *Acta Physica Polonica A*, **2016**, 129, 797-799	0.6	1
1	Effects of copper fillers on mechanical and electrical properties of selective laser sintered PA 12-Cu composites. *Materials Technology*,1-13	2.1	1