

Sadullah ztrk

List of Publications by Year in Descending Order

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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	Room-temperature Sensing of Volatile Organic Compounds Using Graphene. <i>Sensors and Materials</i> , 2019 , 31, 1365	1.5	2
30	Performance improvement in photosensitive organic field effect transistor by using multi-layer structure. <i>Thin Solid Films</i> , 2019 , 672, 90-99	2.2	9
29	High mobility and low operation voltage organic field effect transistors by using polymer-gel dielectric and molecular doping. <i>Materials Science in Semiconductor Processing</i> , 2017 , 66, 207-211	4.3	9
28	Volatile Organic Compounds and Dimethyl Methyl Phosphonate (DMMP) Sensing Properties of the Metal Oxide Functionalized QCM Transducers at Room Temperature. <i>Journal of the Electrochemical Society</i> , 2017 , 164, B657-B664	3.9	12
27	Performance enhancement of inverted type organic solar cells by using Eu doped TiO ₂ thin film. <i>Surfaces and Interfaces</i> , 2017 , 9, 64-69	4.1	16
26	Electrochemically growth of Pd doped ZnO nanorods on QCM for room temperature VOC sensors. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 280-289	8.5	76
25	Pd thin films on flexible substrate for hydrogen sensor. <i>Journal of Alloys and Compounds</i> , 2016 , 674, 179-184	5.84	46
24	The NO ₂ Sensing Properties of the Sensors Done with Nano-Tetrapods. <i>Acta Physica Polonica A</i> , 2016 , 129, 797-799	0.6	1
23	Poly(3-Methylthiophene) Thin Films Deposited Electrochemically on QCMs for the Sensing of Volatile Organic Compounds. <i>Sensors</i> , 2016 , 16,	3.8	17
22	Effect of intrinsic polymer properties on the photo sensitive organic field-effect transistors (Photo-OFETs). <i>Microelectronic Engineering</i> , 2016 , 161, 36-42	2.5	9
21	Cobalt/Titanium multilayer thin films: Effect of thickness of titanium spacer layer on impedance properties. <i>Materials Science in Semiconductor Processing</i> , 2015 , 30, 482-485	4.3	1
20	Electrochemical Growth of Pd Doped ZnO Nanorods. <i>Journal of the Electrochemical Society</i> , 2015 , 162, D142-D146	3.9	6
19	Electrical conduction and NO ₂ gas sensing properties of ZnO nanorods. <i>Applied Surface Science</i> , 2014 , 303, 90-96	6.7	40
18	Hydrogen sensing properties of ZnO nanorods: Effects of annealing, temperature and electrode structure. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 5194-5201	6.7	42
17	Fabrication of 1D ZnO nanostructures on MEMS cantilever for VOC sensor application. <i>Sensors and Actuators B: Chemical</i> , 2014 , 202, 357-364	8.5	69
16	Fabrication of ZnO nanorods for NO ₂ sensor applications: Effect of dimensions and electrode position. <i>Journal of Alloys and Compounds</i> , 2013 , 581, 196-201	5.7	78
15	Fabrication of ZnO nanowires and nanorods. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012 , 44, 1062-1065	3	33

14	The Effects of Annealing on Gas Sensing Properties of ZnO Nanorod Sensors Coated with Pd and Pt. <i>Procedia Engineering</i> , 2012 , 47, 434-437		5
13	Structural, electrical transport and NO ₂ sensing properties of Y-doped ZnO thin films. <i>Journal of Alloys and Compounds</i> , 2012 , 536, 138-144	5.7	64
12	Electrical and NO ₂ sensing properties of liquid crystalline phthalocyanine thin films. <i>Sensors and Actuators B: Chemical</i> , 2012 , 173, 203-210	8.5	27
11	Structural and Optical Characterization of TiO ₂ Thin Films Prepared by Sol-Gel Process. <i>Acta Physica Polonica A</i> , 2012 , 121, 265-267	0.6	9
10	Fabrication of PdBe nanowires with a high aspect ratio by AAO template-assisted electrodeposition. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 3894-3898	5.7	18
9	Investigation of the hydrogen gas sensing properties of nanoporous Pd alloy films based on AAO templates. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 4701-4706	5.7	23
8	A comparative study on the NO ₂ gas sensing properties of ZnO thin films, nanowires and nanorods. <i>Thin Solid Films</i> , 2011 , 520, 932-938	2.2	73
7	Fabrication of ZnO nanowires at room temperature by cathodically induced sol-gel method. <i>Applied Physics A: Materials Science and Processing</i> , 2010 , 99, 73-78	2.6	14
6	Fabrication of vertically aligned Pd nanowire array in AAO template by electrodeposition using neutral electrolyte. <i>Nanoscale Research Letters</i> , 2010 , 5, 1137-43	5	34
5	Structure and electrical properties of Mg-doped ZnO nanoparticles. <i>Crystal Research and Technology</i> , 2010 , 45, 529-538	1.3	66
4	Simple fabrication of hexagonally well-ordered AAO template on silicon substrate in two dimensions. <i>Applied Physics A: Materials Science and Processing</i> , 2009 , 95, 781-787	2.6	32
3	Temperature dependence of a nanoporous Pd film hydrogen sensor based on an AAO template on Si. <i>Applied Physics A: Materials Science and Processing</i> , 2009 , 97, 745-750	2.6	24
2	Oxidizing gas sensing properties of mesogenic copper octakisalkylthiophthalocyanine chemoresistive sensors. <i>Thin Solid Films</i> , 2009 , 517, 6206-6210	2.2	16
1	Effects of copper fillers on mechanical and electrical properties of selective laser sintered PA 12-Cu composites. <i>Materials Technology</i> , 1-13	2.1	1