

# Sadullah Ã-ztÃærk

## List of Publications by Year in descending order

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32  
papers

1,067  
citations

394286

19  
h-index

434063

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of copper fillers on mechanical and electrical properties of selective laser sintered PA 12-Cu composites. <i>Materials Technology</i> , 2022, 37, 1541-1553.	1.5	5
2	Performance improvement in photosensitive organic field effect transistor by using multi-layer structure. <i>Thin Solid Films</i> , 2019, 672, 90-99.	0.8	11
3	Room-temperature Sensing of Volatile Organic Compounds Using Graphene. <i>Sensors and Materials</i> , 2019, 31, 1365.	0.3	3
4	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.	1.9	11
5	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.	1.3	22
6	Performance enhancement of inverted type organic solar cells by using Eu doped TiO <sub>2</sub> thin film. <i>Surfaces and Interfaces</i> , 2017, 9, 64-69.	1.5	23
7	Poly(3-Methylthiophene) Thin Films Deposited Electrochemically on QCMs for the Sensing of Volatile Organic Compounds. <i>Sensors</i> , 2016, 16, 423.	2.1	26
8	Effect of intrinsic polymer properties on the photo sensitive organic field-effect transistors (Photo-OFETs). <i>Microelectronic Engineering</i> , 2016, 161, 36-42.	1.1	10
9	Pd thin films on flexible substrate for hydrogen sensor. <i>Journal of Alloys and Compounds</i> , 2016, 674, 179-184.	2.8	66
10	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.	4.0	96
11	The NO <sub>2</sub> Sensing Properties of the Sensors Done with Nano-Tetrapods. <i>Acta Physica Polonica A</i> , 2016, 129, 797-799.	0.2	2
12	Electrochemical Growth of Pd Doped ZnO Nanorods. <i>Journal of the Electrochemical Society</i> , 2015, 162, D142-D146.	1.3	8
13	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.	1.9	1
14	Electrical conduction and NO <sub>2</sub> gas sensing properties of ZnO nanorods. <i>Applied Surface Science</i> , 2014, 303, 90-96.	3.1	54
15	Hydrogen sensing properties of ZnO nanorods: Effects of annealing, temperature and electrode structure. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 5194-5201.	3.8	48
16	Fabrication of 1D ZnO nanostructures on MEMS cantilever for VOC sensor application. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 357-364.	4.0	83
17	Fabrication of ZnO nanorods for NO <sub>2</sub> sensor applications: Effect of dimensions and electrode position. <i>Journal of Alloys and Compounds</i> , 2013, 581, 196-201.	2.8	88
18	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.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Structural, electrical transport and NO <sub>2</sub> sensing properties of Y-doped ZnO thin films. Journal of Alloys and Compounds, 2012, 536, 138-144.	2.8	70
20	Electrical and NO <sub>2</sub> sensing properties of liquid crystalline phthalocyanine thin films. Sensors and Actuators B: Chemical, 2012, 173, 203-210.	4.0	33
21	Fabrication of ZnO nanowires and nanorods. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 1062-1065.	1.3	35
22	Structural and Optical Characterization of TiO <sub>2</sub> Thin Films Prepared by Sol-Gel Process. Acta Physica Polonica A, 2012, 121, 265-267.	0.2	11
23	P2.4.1 Effect of ZnO nanorods density on NO <sub>2</sub> sensing. , 2012, , .		1
24	Fabrication of Pd@Fe nanowires with a high aspect ratio by AAO template-assisted electrodeposition. Journal of Alloys and Compounds, 2011, 509, 3894-3898.	2.8	20
25	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.	2.8	25
26	A comparative study on the NO <sub>2</sub> gas sensing properties of ZnO thin films, nanowires and nanorods. Thin Solid Films, 2011, 520, 932-938.	0.8	84
27	Fabrication of ZnO nanowires at room temperature by cathodically induced sol-gel method. Applied Physics A: Materials Science and Processing, 2010, 99, 73-78.	1.1	15
28	Fabrication of vertically aligned Pd nanowire array in AAO template by electrodeposition using neutral electrolyte. Nanoscale Research Letters, 2010, 5, 1137-1143.	3.1	38
29	Structure and electrical properties of Mg-doped ZnO nanoparticles. Crystal Research and Technology, 2010, 45, 529-538.	0.6	85
30	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.	1.1	39
31	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.	1.1	30
32	Oxidizing gas sensing properties of mesogenic copper octakisalkylthiophthalocyanine chemoresistive sensors. Thin Solid Films, 2009, 517, 6206-6210.	0.8	18