

Irmak Karaduman Er

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

270
citations

1163117

8
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature ammonia gas sensor based on reduced graphene oxide nanocomposites decorated by Ag, Au and Pt nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017, 722, 569-578.	5.5	138
2	Effect of Cd dopant on structural, optical and CO ₂ gas sensing properties of ZnO thin film sensors fabricated by chemical bath deposition method. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	21
3	The role of rare-earth metal (Y, Ru and Cs)-doped ZnO thin films in NH ₃ gas sensing performances at room temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10084-10095.	2.2	18
4	Low-level NO gas sensing properties of $Zn_{1-x}Sn_xO$. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	1.7	15
5	Enhancing the Co gas sensing properties of ZnO thin films with the decoration of MWCNTs. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 259-265.	2.2	14
6	Structural, morphological and gas sensing properties of Zn _{1-x} Sn _x O thin films by SILAR method. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	11
7	The Dependence of the Gas Sensing Properties of ZnO Thin Films on the Zinc Concentration. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 8122-8135.	2.2	10
8	Complex electrical impedance and modulus characterizations of ZnO:Sn thin films in a wide temperature range. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13594-13609.	2.2	10
9	Synthesis of Al/HfO ₂ /p-Si Schottky diodes and the investigation of their electrical and dielectric properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 1677-1690.	2.2	9
10	The effect of deposition time on the structural, morphological and H ₂ S gas sensing properties of the V ₂ O ₅ nanostructures deposited by hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 12215-12223.	2.2	8
11	The structural, morphological, optical and gas-sensing properties of Mn ₃ O ₄ thin films grown by successive ionic layer adsorption and reaction technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 14519-14534.	2.2	7
12	Investigation of H ₂ S gas sensing performance of Ni:WO ₃ films at room temperature: nickel precursor effect. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 3397-3410.	2.2	4
13	Substrate critical effect on the structural and H ₂ Gas sensing characteristics of solution-processed Zn _{0.075} Cu _{0.025} O films. <i>Materials Research Express</i> , 2021, 8, 126401.	1.6	3
14	Development of ZnO sensors via succession ionic layer adsorption and reaction (SILAR) method for ppb level NO gas sensing. <i>Research on Engineering Structures and Materials</i> , 2021, , .	0.4	2