

Nihan AkÄ±n

List of Publications by Year in descending order

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18
papers

339
citations

840776

11
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	The current-voltage characteristics of V ₂ O ₅ /n-Si Schottky diodes formed with different metals. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20284-20294.	2.2	5
2	Thickness-dependent physical properties of sputtered V ₂ O ₅ films and Ti/V ₂ O ₅ /n-Si Schottky barrier diode. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	6
3	Negative capacitance phenomena in Au/SrTiO ₃ /p-Si heterojunction structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 8718-8726.	2.2	14
4	Electrical, optical and structural properties of silver-based multilayer films deposited by magnetron sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18519-18523.	2.2	5
5	Cubic MgZnO thin films on sapphire substrate: effect of deposition temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4104-4110.	2.2	0
6	Development of MgO:TiO ₂ thin films for gas sensor applications. <i>Ceramics International</i> , 2019, 45, 2917-2921.	4.8	65
7	Influences of annealing temperature on anti-reflective performance of amorphous Ta ₂ O ₅ thin films. <i>Ceramics International</i> , 2019, 45, 11-18.	4.8	34
8	Influence of deposition pressure and power on characteristics of RF-Sputtered Mo films and investigation of sodium diffusion in the films. <i>Current Applied Physics</i> , 2018, 18, 491-499.	2.4	17
9	Ag/Mg seed/AZO/glass structures for low- ϵ glass: Effects of metal seeds. <i>International Journal of Applied Glass Science</i> , 2018, 9, 383-391.	2.0	11
10	Developing of dual junction GaInP/GaAs solar cell devices: effects of different metal contacts. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	6
11	Influence of RF power on the opto-electrical and structural properties of gallium-doped zinc oxide thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 7376-7384.	2.2	18
12	Titanium Dioxide Thin Films as Methane Gas Sensors. <i>IEEE Sensors Journal</i> , 2016, 16, 8890-8896.	4.7	37
13	Surface structure and photoluminescence properties of AZO thin films on polymer substrates. <i>Surface and Interface Analysis</i> , 2015, 47, 93-98.	1.8	37
14	Performance evaluation of a GaInP/GaAs solar cell structure with the integration of AlGaAs tunnel junction. <i>Solar Energy Materials and Solar Cells</i> , 2015, 137, 1-5.	6.2	36
15	Influence of substrate temperature on structural and optical properties of RF sputtered ZnMnO thin films. <i>Semiconductors</i> , 2015, 49, 780-784.	0.5	0
16	AZO thin film-based UV sensors: effects of RF power on the films. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 965-970.	2.3	24
17	Formation of ST12 phase Ge nanoparticles in ZnO thin films. <i>Materials Science in Semiconductor Processing</i> , 2015, 40, 407-411.	4.0	4
18	Effect of film thickness on properties of aluminum doped zinc oxide thin films deposition on polymer substrate. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 5091-5096.	2.2	20