

# Nihan AkÄ±n

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Development of MgO:TiO <sub>2</sub> thin films for gas sensor applications. <i>Ceramics International</i> , 2019, 45, 2917-2921.	4.8	65
2	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
3	Titanium Dioxide Thin Films as Methane Gas Sensors. <i>IEEE Sensors Journal</i> , 2016, 16, 8890-8896.	4.7	37
4	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
5	Influences of annealing temperature on anti-reflective performance of amorphous Ta <sub>2</sub> O <sub>5</sub> thin films. <i>Ceramics International</i> , 2019, 45, 11-18.	4.8	34
6	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
7	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
8	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
9	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
10	Negative capacitance phenomena in Au/SrTiO <sub>3</sub> /p-Si heterojunction structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 8718-8726.	2.2	14
11	Ag/Mn seed/Al <sub>2</sub> O <sub>3</sub> /AZO/glass structures for low-temperature glass: Effects of metal seeds. <i>International Journal of Applied Glass Science</i> , 2018, 9, 383-391.	2.0	11
12	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
13	Thickness-dependent physical properties of sputtered V <sub>2</sub> O <sub>5</sub> films and Ti/V <sub>2</sub> O <sub>5</sub> /n-Si Schottky barrier diode. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	6
14	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
15	The current-voltage characteristics of V <sub>2</sub> O <sub>5</sub> /n-Si Schottky diodes formed with different metals. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20284-20294.	2.2	5
16	Formation of ST12 phase Ge nanoparticles in ZnO thin films. <i>Materials Science in Semiconductor Processing</i> , 2015, 40, 407-411.	4.0	4
17	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
18	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