

Ãaglar Ãetinkaya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evaluation of dielectric properties of Au/TZO/nâ€™Si structure depending on frequency and voltage. Journal of Materials Science: Materials in Electronics, 2022, 33, 10516-10523.	2.2	3
2	Functional optical design of thickness-optimized transparent conductive dielectric-metal-dielectric plasmonic structure. Scientific Reports, 2022, 12, .	3.3	9
3	Frequency effect on electrical and dielectric performance of Au/nâ€™GaAs structure with RF sputtering MoO3 interfacial layer. Journal of Materials Science: Materials in Electronics, 2022, 33, 16597-16605.	2.2	3
4	Highly improved light harvesting and photovoltaic performance in CdTe solar cell with functional designed 1D-photonic crystal via light management engineering. Scientific Reports, 2022, 12, .	3.3	18
5	Effect of Annealing on the Surface Morphology and Currentâ€™Voltage Characterization of a CZO Structure Prepared by RF Magnetron Sputtering. Semiconductors, 2021, 55, 28-36.	0.5	2
6	Determination of surface morphology and electrical properties of MoO3 layer deposited on GaAs substrate with RF magnetron sputtering. Journal of Materials Science: Materials in Electronics, 2021, 32, 12330-12339.	2.2	9
7	Design and fabrication of a semi-transparent solar cell considering the effect of the layer thickness of MoO3/Ag/MoO3 transparent top contact on optical and electrical properties. Scientific Reports, 2021, 11, 13079.	3.3	25
8	Structural, morphological, optical and electrical properties of the Ti doped-ZnO (TZO) thin film prepared by RF sputter technique. Physica B: Condensed Matter, 2021, 616, 413126.	2.7	13
9	A quantitative analysis of electronic transport in n- and p-type modulation-doped GaAsBi/AlGaAs quantum well structures. Semiconductor Science and Technology, 2021, 36, 115017.	2.0	4
10	Evaluation on output parameters of the inverted organic solar cells depending on transition-metal-oxide based hole-transporting materials. Optical Materials, 2021, 120, 111457.	3.6	16
11	Electronic transport in n-type modulation-doped AlGaAs/GaAsBi quantum well structures: influence of Bi and thermal annealing on electron effective mass and electron mobility. Semiconductor Science and Technology, 2020, 35, 025009.	2.0	10
12	The effect of thickness on surface structure of rf sputtered TiO2 thin films by XPS, SEM/EDS, AFM and SAM. Vacuum, 2020, 182, 109766.	3.5	68
13	A comprehensive study on Cu-doped ZnO (CZO) interlayered MOS structure. Journal of Materials Science: Materials in Electronics, 2020, 31, 13646-13656.	2.2	18
14	Negative capacitance phenomena in Au/SrTiO3/p-Si heterojunction structure. Journal of Materials Science: Materials in Electronics, 2020, 31, 8718-8726.	2.2	14
15	V-groove etched 1-eV-GaNNAAs nipi solar cell. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	6
16	Optical properties of n- and p-type modulation doped GaAsBi/AlGaAs quantum well structures. Journal of Alloys and Compounds, 2018, 739, 987-996.	5.5	16
17	Characterization of emitted light from travelling Gunn domains in Al0.08Ga0.92As alloy based Gunn devices. Superlattices and Microstructures, 2017, 111, 744-753.	3.1	4
18	Theoretical Evaluation of Angle-Dependent Optical Properties of a Thin Film Solar Cell including One-Dimension Photonic Crystals. Gazi University Journal of Science Part A:engineering and Innovation, 0, , 164-172.	0.5	0