

Ahmed Gaballah

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Heterostructure Device Based on Graphene Oxide/TiO ₂ /n-Si for Optoelectronic Applications. ECS Journal of Solid State Science and Technology, 2021, 10, 021002.	1.8	16
2	Negative Capacitance, Negative Resistance in CNT/TiO ₂ /SiO ₂ /p-Si Heterostructure for Light-Emitting Diode Applications. ECS Journal of Solid State Science and Technology, 2021, 10, 031006.	1.8	13
3	Novel negative capacitance, conductance at high and low frequencies in Au/Polypyrrole @MWCNT composite /TiO ₂ /Al ₂ O ₃ /n-Si structure. Materials Research Express, 2021, 8, 075003.	1.6	11
4	Fabrication, Electrical and Dielectric Characterization of Au/CNT/TiO ₂ /SiO ₂ /p-Si/Al with High Dielectric Constant, Low Loss Dielectric Tangent. ECS Journal of Solid State Science and Technology, 2021, 10, 051003.	1.8	8
5	EUV polarimetry for thin film and surface characterization and EUV phase retarder reflector development. Review of Scientific Instruments, 2018, 89, 015108.	1.3	7
6	Current Transport, Photosensitive, and Dielectric Properties of PVA/n-Si Heterojunction Photodiode. Silicon, 0, , 1.	3.3	7
7	A table top polarimetric facility for the EUV spectral range: implementations and characterization. Proceedings of SPIE, 2017, , .	0.8	4
8	Synthesis, characterization, and electrical properties of CuInGaSe ₂ /SiO ₂ /n-Si structure. Optical and Quantum Electronics, 2021, 53, 1.	3.3	4
9	Tuned high dielectric constant, low dielectric loss tangent with positive and negative values for PPy/MWCNTs/TiO ₂ /Al ₂ O ₃ /n-Si. Journal of Experimental Nanoscience, 2021, 16, 309-343.	2.4	3
10	Negative series resistance and photo-response properties of Au/PPY-MWCNTs composite/TiO ₂ /Al ₂ O ₃ /n-Si/Al photodiode. Materials Research Express, 2022, 9, 016301.	1.6	3
11	Extreme ultraviolet free-standing transmittance filters for high brilliance sources, based on Nb/Zr and Zr/Nb thin films on Si ₃ N ₄ membranes: Design, fabrication, optical and structural characterization. Thin Solid Films, 2020, 695, 137739.	1.8	2
12	Experimental Study of Few-Layer Graphene: Optical Anisotropy and Pseudo-Brewster Angle Shift in Vacuum Ultraviolet Spectral Range. Advanced Photonics Research, 2021, 2, 2000207.	3.6	2
13	Optical and structural characterization of reflective quarter wave plates for EUV range. Proceedings of SPIE, 2016, , .	0.8	1
14	Photoresponsivity, Electrical and Dielectric Properties of GaAs/P-Si Heterojunction-Based Photodiode. Silicon, 0, , 1.	3.3	1
15	Novel Negative Capacitance and Conductance in All Temperatures and Voltages of Au/CNTs/n-Si/Al at Low and High Frequencies. ECS Journal of Solid State Science and Technology, 2021, 10, 111007.	1.8	1
16	The novel behavior of real and imaginary part of impedance, modulus, and AC conductivity of Au/PPy@MWCNTs/TiO ₂ /Al ₂ O ₃ /n-Si/Al. Journal of Materials Science: Materials in Electronics, 2022, 33, 11194.	2.2	1
17	Uncertainty Estimation of Luminous Flux for LED Lamps Due to the Control of Electric Power. ECS Journal of Solid State Science and Technology, 2022, 11, 066005.	1.8	1
18	Optical and structural characterization of Nb, Zr, Nb/Zr, Zr/Nb thin films on Si ₃ N ₄ membranes windows. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Investigation of Dielectric Properties of a Novel Structure Au/CNTs/TiO ₂ /SiO ₂ /p-Si/Al. ECS Journal of Solid State Science and Technology, 2021, 10, 091014.	1.8	0