

Ahmed Chyad Kadhim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental Study of Underwater Wireless Optical Communication from Clean Water to Turbid Harbor under Various Conditions. International Journal of Design and Nature and Ecodynamics, 2021, 16, 219-226.	0.5	8
2	Variation in efficiency with change in band gap and thickness in thin film amorphous silicon tandem heterojunction solar cells with AFORS-HET. Optics Express, 2018, 26, A626.	3.4	4
3	Solitary vs Gaussian Waves Gating of InGaAs/InP Avalanche Photodiode to Stabilize Dark Count Rate as Excess Voltage Increases. , 2018, , .		0
4	Computational Modeling of InGaAs/InP Single Photon Detector for High Sensitive Applications. , 2018, , .		1
5	An Approach to Improve Temporal Response of Single Photon Avalanche Photodiode for Time-resolved Diffuse Optical Tomography (DOT)
. , 2018, , .		2
6	Effect of Temperature on the Efficiency of Thin Film Amorphous Silicon Tandem Heterojunction Solar Cells with AFORS-HET. , 2018, , .		0
7	Modeling of SPAD Response of Absorbed Near-Infrared Light in a Biological Tissue to Improve Diffuse Optical Tomography Resolution. , 2018, , .		0
8	Dark Count Rate, Excess Voltage, and Soliton vs Sinusoidal Gating of InGaAs/InP SPAD. , 2018, , .		0
9	A novel method for generating a low temperature coefficient (TC) reference voltage from high TC reference cells to achieve wide temperature stability for remote sensors. , 2017, , .		0
10	Computer analysis of microcrystalline silicon hetero-junction solar cell with lumerical FDTD/DEVICE. International Journal of Computational Materials Science and Engineering, 2017, 06, 1750017.	0.7	5
11	Investigating Link Budget of Underwater Wireless Optical Communication with Intensity Modulation Direct Detection Technique. , 2017, , .		2
12	Computer Analysis and Optimization of Thin Film Amorphous Silicon Heterojunction Solar Cells with AFORS-HET. , 2017, , .		0
13	Soliton Pulse Gated InGaAs/InP Avalanche Photodiode for Low Dark Count Rate Single Photon Detection. , 2017, , .		0
14	Variation in Efficiency with Respect to Change in Band Gap and Thickness in Thin Film Amorphous Silicon Tandem Heterojunction Solar Cells with AFORS-HET. , 2017, , .		1
15	Investigating The Performance Of Underwater Wireless Optical Communication with Intensity Modulation Direct Detection Technique. , 2017, , .		16
16	Modeling of Dark Count Rate of InGaAs/InP Single Photon Avalanche Photodiode Gated with Soliton Signal. , 2017, , .		2
17	Mathematical Representation of Spatially Multiplexed Channels Using Azimuthal Index and Modified Laguerre Gaussian Beams. , 2016, , .		1