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Implementation of a modified noise-free and noisy multistage quantum cryptography protocol using QISKIT SKT Farooq Abdulghafoor Khaleel 9 Q3 NA A Quantum Studies: Mathematics and Foundations	1	2024
The modeling techniques of the second-order correlation function $g(2)(\tau)$ for a quantum emitter FA Khaleel, SK Tawfeeq 3 Q2 NA A International Journal of Numerical Modelling: Electronic Networks, Devices ...		2022
On the use of Aluminium as a plasmonic material in polarization rotators based on a hybrid plasmonic waveguide SKT Farooq Abdulghafoor Khaleel NA Iraqi Journal of Laser 20 (2), 32-41	3 *	2022
Design and numerical verification of a polarization-independent grating coupler using a double-layer approach for visible wavelengths applications FA Khaleel, SK Tawfeeq 87 Q2 NA A Optical and Quantum Electronics 54 (1), 37	1	2022
The spontaneous emission performance of a quantum emitter coupled to a hybrid plasmonic waveguide with specified output polarization for on-chip plasmonic single-photon source FA Khaleel, SK Tawfeeq	6	2021

TITLE	CITED BY	YEAR
1 Q2 NA ^Δ Photonics and Nanostructures - Fundamentals and Applications 45		
Wide-range tunable subwavelength band-stop filter for the far-infrared wavelengths based on single-layer graphene sheet MN Abbas, FA Khaleel	6	2019
93 Q1 NA ^Δ Ukrainian Journal of Optical Physics 20 (1), 37-45		
Mixed Linearity Improvement Techniques for Ultra-wideband Low Noise Amplifier MN Abbas, FA Khaleel	1	2018
22 Q3 NA ^Δ International Journal of Electrical and Computer Engineering 8 (4), 2038		
On the Use of 6-Order Tunable Complementary Metal-Oxide-Semiconductor Varactor based Filter in Ultra-Wideband Low Noise Amplifier FA Khaleel, MN Abbas NA The Open Electrical & Electronic Engineering Journal 12 (1)		2018
Pre-low noise amplifier (LNA) filtering linearisation method for low-power ultra-wideband complementary metal oxide semiconductor LNA MN Abbas, FA Khaleel NA The Journal of Engineering 2018 (6), 342-347	4	2018
Design and Simulation of Improved Linearity CMOS Low Noise Amplifier F Khaleel, M Abbas NA LAP LAMBERT Academic Publishing		2017
Tunable linearity enhancement for 180 nm complementary metal–oxide–semiconductor LNA with active feedback FA Khaleel, MN Abbas NA The Journal of Engineering 2017 (7), 312-317		2017
Ultra low power and highly linearized LNA for V-band RF applications in 180 nm CMOS technology FA Khaleel, MN Abbas	4	2017
19 Q3 NA ^Δ IEICE Electronics Express 14 (5), 20170066-20170066		