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JOURNALS PUBLISHED

ACADEMIC YEAR 2022-2023

S. No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
1	Computational analysis of FeS ₂ material for solar cell application	Dr.L.M.Merlin Livingston	Optical and Quantum Electronics	Jan 2023	Volume 55, article number 244, (2023) https://doi.org/10.1007/s11082-022-04531-9
2	Superior Gain and Polarization Control in MIMO Circular Ring Surface Plasmonic Planar Differential Antenna for Wireless Systems	Dr.L.M.Merlin Livingston	Plasmonics	March 2023	https://doi.org/10.1007/s11468-023-01818-9
3	Optical differential phase shift keying transceiver systems performance efficiency at high data rate optical systems in the presence of Pr doped amplifiers	Mrs.M.Benisha	De Gruyter – Journal of Optical Communication	March 2023	https://doi.org/10.1515/joc-2023-0025

4	Simulation of Native Oxide Passivated CsSn 0.5 Ge 0.5 I 3 Highly Stable Lead Free Inorganic Perovskite Solar Cell	Dr.L.M.Merlin Livingston	<i>Physica status solidi (a)</i> – Applications and materials science	March 2023	http://dx.doi.org/10.1002/pssa.202300227
5	Co-directional waveguide grating coupler transmission and reflection dispersion characteristics performance	Dr.L.M.Merlin Livingston	De Gruyter – Journal of Optical Communication	March 2023	https://doi.org/10.1515/joc-2023-0014