



# IOSR Journals

International Organization  
of Scientific Research

# IOSR Journal of Applied Physics

e-ISSN : 2278-4861

Volume : 14 Issue : 5 Series-1

Sep.-Oct. 2022

## Contents:

Two-dimensional transition metal dichalcogenides nano materials and their Applications	01-06
Characterization of Gamma Spectroscopy Setup, Efficiency Calibration of HPGe detector used for Radiological substances	07-12
Synthesis and Structural properties of lanthanum doped Lead Titanate Prepared by Wet Chemical Method	13-18
Quantum Teleportation of Three-Qubits Entangled States Via Ghz-Like States	19-23
Substitutional effect on Dielectric constant and Soft Mode Frequency in $CaxSr_{1-x}TiO_3$ ferro-electric mixed crystals	24-33
Instability of dust acoustic mode in streaming and irradiated collisional dusty plasma with dust charge fluctuation	34-40
Synthesis, Characterization and Dielectric properties of Nanoparticles of Lithium Doped Ferrite ( $LixFe_{1-x}Fe_2O_4$ )	42-47
THE UNITARY VECTOR FIELD $u_i(x(s))$ AS A PARALLEL TRANSPORTED FIELD	48-51
Structure-Property Correlation in Lead Borate Glass with Fixed Ratio of Samarium Oxide	52-65

# IOSR-JAP