



# IOSR Journals

International Organization  
of Scientific Research

# IOSR Journal of Applied Physics

e-ISSN : 2278-4861

Volume : 11 Issue : 6 Series-1

Nov. - Dec. 2019

## Contents:

- |   |       |
|---|-------|
| <b>Quantum Conductance in Nanoscale Conductor</b><br><i>Mohamed Yassin Mustafa Mubarak Dirar A. Allah,<br/>Asim Ahmed Mohamed Fadol, Mohammed Margani Rashed</i>  | 01-08 |
| <b>Structural, Optical and Electrical Properties of Al Doped CdO Thin Films Deposited by Spray Pyrolysis Method</b><br><i>Aminur Rahman, Dr. Md. Shahjahan, Dr. Most. Halima Khatun</i>   | 09-14 |
| <b>Study of Noise Pollution During Pre-Carnival, Carnival And Post-Carnival Festivals In Calabar Municipality, Calabar, Cross River State, South – South Nigeria</b><br><i>Aniefiok O. Akpan, Ubon E. Asuquo and Augustine A. Umoh</i>  | 15-19 |
| <b>Radioactivity and Radiological Hazard Effects for Granitic Gneisses at Wadi Abu Rushied Area, South Eastern Desert, Egypt</b><br><i>T. El Sayed. Mohamed, E. S. Abd El-Moaty, M. A. M. Mahmoud,<br/>S. F.Hassan, A. Sroor, S. El-Bahi</i>  | 20-32 |
| <b>Zhe Yin 'S Atomic Quantity Calculation Method and Periodicity of Elements</b><br><i>Zhe Yin</i>  | 33-34 |
| <b>Effect of Different Concentrations of Zinc Acetate on the Structural, and the Optical and the Electrical Conductivity of ZNO Nanostructures</b><br><i>A. B. Awatif, Mubarak Dirar Abdallah, Abdalsakhi S M.H, E.M. Elssfah<br/>Aldesogi Omer Hamed, Rawia Abd Elgani Elobaid</i> | 35-40 |
| <b>Crystal, electronic, magnetic and optical structures of cubic double perovskites <math>Ba_2MWO_6</math> (M = Ni, Zn)</b><br><i>M. Musa Saad H.-E., SalahEldinAshamalla Yousif</i>  | 41-52 |
| <b>A First-principles Study on the Surface Magnetism of the CsCl Structured CoX (X =Ti, V, Nb) (001) Surface</b><br><i>EunsungJekal, Dao Phuong</i>   | 53-57 |
| <b>Test performance of Gamma Spectrometry Co-Axial High Purity Germanium detectors in Universiti Teknologi Malaysia</b><br><i>Abubakar Usman, Norehan Mohd Nor, Muhd Buba</i>   | 58-66 |
| <b>Solving the Alpha Omega Equation</b><br><i>Spiros Koutandos</i>  | 67-68 |

IOSR-JAP