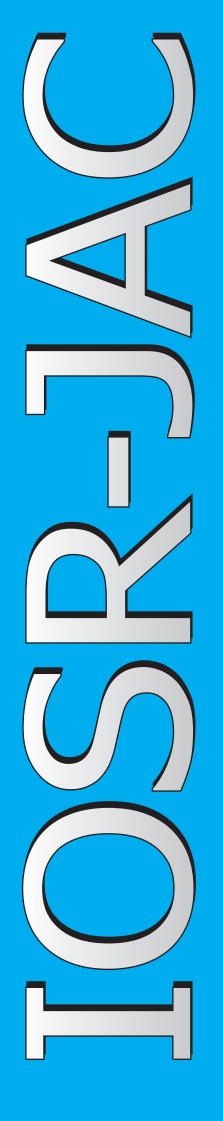


## IOSR Iournal of Applied Chemistry

International Organization of Scientific Research

ISSN: 2278-5736 Volume: 16 Issue: 1 Series: 2 January 2023



## **Contents:**

| Sulphonated Ti-MCM41: A Potential Catalyst for the Transformation of Bio-Glycerol to Solketal   | 01-10 |
|---|-------|
| Metformin HCl chelates of La(III), Pr(III), Dy(III) and Eu(III): Synthesis and spectro-analytical studies   | 11-15 |
| Evaluation Of Anti-Inflammatory Effect Of Methanol,<br>Ethylacetate, And N-Hexane Fraction Extract Of Combretum<br>Obanense Stem Bark Plant Using Experimentally Induced<br>Inflammatory Models In Rats | 16-20 |
| Residues Analysis of Organochlorine Pesticides in Water, Fish and Sediment Samples from River taraba at Bali, Taraba State, Nigeria   | 21-27 |
| Assessment of Total Petroleum HydrocarbonRemediation on Crude Oil Impacted Soil, Nkeleoken, Eleme Rivers State Nigeria  | 28-33 |
| Thermodynamics and Potentiometric Studies of Mixed Ligand Complexes of Salicylic Acid and Tryptophan with CO(II), Ni (II), CU(II) and Zn(II) ions   | 34-42 |
| Solvothermal synthesis and photocatalytic evaluation of TiO2/<br>ZnO based nanoparticles  | 43-49 |
| Synthesis of 3,3-Dimethyl-9-phenyl-1,2,3,4-tetrahydro-1-acridinone using different heterogeneous catalysts in dry media under microwave ir-radiation.   | 50-52 |