

**Managing Editor Board**

- ❖ Dr. M. Emran Quayum, Bangladesh
- ❖ Dr. Daisy Bhat, India
- ❖ Dr. Ahmad Salih Muhaimeed, Iraq
- ❖ Dr. Koduru Janardhan Reddy, Korea South
- ❖ Dr. Umer Rashid, Malaysia
- ❖ Dr. Bensafi Abd-El-Hamid, Algeria

**International Editorial Board**

- ❖ Dr. Essam mohamed elsebaie, Egypt
- ❖ Dr. Ajay Kumar K, India
- ❖ Dr. Kafeel Ahmad Siddiqui, India
- ❖ Dr. Vibha Mishra, India
- ❖ Dr. Shafique Ahmed Arain, Pakistan
- ❖ Dr. Shafqat Alauddin, India
- ❖ Dr. Ashish Kumar, India
- ❖ Dr. A.K.M. Muzammel Huque, Bangladesh
- ❖ Dr. Seranthimata Samshuddin, India
- ❖ Dr. Anthony Melvin Crasto, India
- ❖ Dr. Sampad Ghosh, India
- ❖ Dr. Mahacine Amrani, Malaysia
- ❖ Dr. Deepshikha Sharma,
- ❖ Dr. Subhendu K. Panda, India
- ❖ Dr. Monika Kamboj, India
- ❖ Dr. Deepshikha Sharma,
- ❖ Dr. Nadia Ali Ahmed Elkanzi, Egypt
- ❖ Dr. Shrikant Raghunath Kulkarni, India

**Contact Us**

Website URL : [www.iosrjournals.org](http://www.iosrjournals.org)  
Email : [Support@iosrmail.org](mailto:Support@iosrmail.org)



**Qatar Office:**

IOSR Journals  
Salwa Road  
Near to KFC and Aziz  
Petrol Station,  
DOHA, Qatar

**India Office:**

EHTP, National  
Highway 8, Block A,  
Sector 34, Gurugram,  
Haryana 122001

**Australia Office:**

43, Ring Road,  
Richmond Vic 3121  
Australia

**New York Office:**

8th floor, Straight hub,  
NS Road, New York,  
NY 10003-9595



# **IOSR Journals**

International Organization  
of Scientific Research

ISSN : 2278-5736

# **IOSR Journal of Applied Chemistry**

Volume : 15 Issue : 4 Series-1

April 2022

## **Contents:**

Ammonium persulfate: A simple and efficient catalyst for the synthesis of dihydropyridines (Hantzsch reaction)	01-05
Synthesis of some cationic chromoenoasymmetric cyanines: A study of their absorptiophotospectroscopic potentiality & antimicrobial susceptibility	06-12
Impact of the depth of groundwater in the Continental Intercalaire and/or Hamadien aquifers on the variation in fluoride ion content (Maradi Region, central Niger)	13-19
Comparative study of the evolution of copper, iron, lead and zinc levels in tap water after stagnation of the same duration in different pipes as a function of pH	20-29
Influence of stagnation and pH of tap water on the concentration of metallic trace elements: case of lead and zinc	30-38
A Review Pesticidal Activity of Essential Oils against Sitophilus oryzae, Sitophilus granaries and Sitophilus Zeamais	39-51
Dielectric relaxation studies and AC conductivity of 3-methoxy-4-(2-hydroxy-3-methacryloxy-propoxy) Benzaldehyde (MH) and acrylamide Copolymers	52-62