

Journal of Biological and Chemical Research



An International Journal of Life Sciences and Chemistry

ISSN 2319-3077 ISSN 0970-4973



www.sasjournals.com www.jbcr.co.in jbiolchemres@gmail.com

Journal Impact Factor: **4.275**, Global Impact Factor: **0.876**,

InfoBase Impact Factor: **3.66**

Scientific Journal Impact Factor: **3.285**, IC Value: **82.43**

Scope

Life Sciences (Botany and Zoology), Medical Sciences, Chemical Sciences, Agricultural Sciences, Biochemical Sciences, Environmental Sciences, Biotechnology, Molecular Biology and Tissue Culture

Volume 35 (2) Part B, July to December, 2018



Prof. Abbas Ali Mahdi

Editor General

Prof. Y.K. Sharma

Executive Chief Editor

Dr. M.M. Abid Ali Khan

Chief Editor

Dy. Chief Editors

Dr. John K. Grandy

(USA)

Dr. Dilfuza Egamberdieva

(Uzbekistan)

Dr. T.S. Naqvi (India)

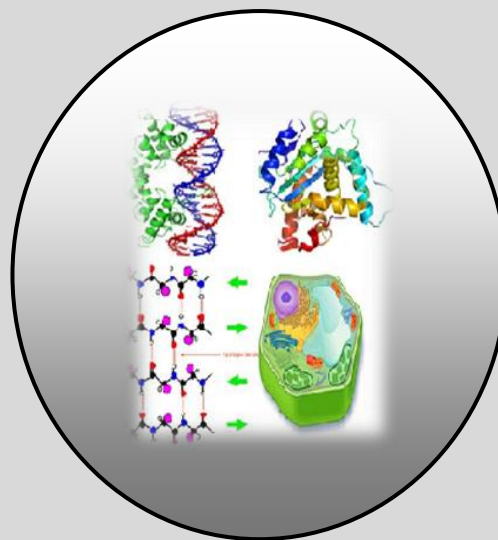
Dr. Raaz Maheshwari (India)

Prof. Uma Singh (India)

Indexed, Abstracted and Cited

Index Copernicus International (Europe), Research Bible (Japan), Scientific Journals Impact Factor Master List, Directory of Research Journals Indexing (DRJI), Indian Science. In, Database Electronic Journals Library (Germany), Open J-Gate, J Gate e-Journal Portal, Info Base Index, International Impact Factor Services (IIFS) (Singapore), Scientific Indexing Services (USA), International Institute of Organized Research (I2OR), World Cat, International Innovative Journal Impact Factor, Swedish Scientific Publishing, Eye Source and citefactor.org Journals Indexing Directory, Cosmos Science Foundation South-East Asia, Indexing of International Research Journals and ImpactFactor.pl - Kompendium wiedzy o czasopismach naukowych, Philadelphia.

Published by Society for Advancement of Sciences®



UGC Approved Journal No. 62923

Medical Council of India Validated Journal

Journal of Biological and Chemical Research

Published by Society for Advancement of Sciences®
ISSN 2319-3077 (Online/Electronic) ISSN 0970-4973 (Print)

UGC Approved Journal No. 62923

Medical Council of India Validated Journal

Journal Impact Factor: 4.275 Global Impact Factor: 0.876

Scientific Journal Impact Factor: 3.285

InfoBase Impact Factor: 3.66 Index Copernicus Value: 82.43

Volume 35 (2), Part B, July to December, 2018

List of Contents

- | | | |
|-----------|---|---------|
| S. No. 1- | GC-MS Analysis for Identification of Active Compounds in Propolis and Molecular Docking Studies of Selected Compounds against Chronic Hepatitis B Protein (Large Envelop Protein) | |
| By | J. Flora Priyadarshini, K. Sivakumari, K. Ashok, P. Jayaprakash and S. Rajesh | 409-417 |
| S. No. 2- | Effects of Copper Oxide Nanoparticles on the Photosynthesis and Antioxidant levels of Mustard Plants (<i>Brassica juncea</i>) | |
| By | Ahmad Faraz, Mohammad Faizan and Shamsul Hayat | 418-426 |
| S. No. 3- | Impact of Phytochemicals and Phytoelements on Therapeutic Attributes of <i>A. Esculentus</i> Leaves: A Libs Based Study | |
| By | Ayushi Tiwari, Prachee Dubey, Pravin Kumar Tiwari, Geeta Watal and A.K. Rai | 427-433 |
| S. No. 4- | Anticancer activity of <i>Butea monosperma</i> Linn. | |
| By | Ameerjani Shaik and Yousuf Anwar Syed | 434-440 |
| S. No. 5- | Green Synthesis and Characterization of Iron Oxide Nanoparticles Using <i>Clausena indica</i> Leaf Extract and Evaluation of Antibacterial Activity | |
| By | S. Amutha and S. Sridhar | 441-448 |
| S. No. 6- | A Review on Recent Development of Fluorescent Chemosensor for Water (H ₂ O) | |
| By | Krishanu Sarkar and Koushik Dhara | 449-455 |

- | | | |
|------------|--|---------|
| S. No. 7- | Decolorization of Toxic Fast Yellow AB dye with Adsorption technique by using CNT supported metal doped MnO ₂ nanocomposite | |
| By | Vinit Kumar, Ashok K. Sharma, Priya Saharan, Indu Kaushal and Kamalkant Singh | 456-462 |
| | | |
| S. No. 8- | The Effect of Biochar Bamboo on Growth and Results of Kangkung (<i>Ipomoea Reptans</i> P.) | |
| By | Yohanes Parlindungan Situmeang and Made Suarta | 463-468 |
| | | |
| S. No. 9- | Flavor of <i>Urutan</i> , a Traditional Chicken-based food from Bali | |
| By | A.A. Made Semariyani, I. Wayan Sudiarta, Luh Suriati, Ni Made Ayu Suardani Singapurwa and I Nyoman Rudianta | 469-475 |
| | | |
| S. No. 10- | Toxic Effects of Water Pollution on Two Bioindicators of Aquatic Resources of Asa River, Nigeria | |
| By | M. A. Ogundiran and O.O. Fawole | 476-484 |
| | | |
| S. No. 11- | Combined Filters on the Bases of Natural Adsorbents for Sewage Water Treatment | |
| By | Osipova N.A., Kvernadze T.K. and Burkiashvili N.O. | 485-488 |
| | | |
| S. No. 12- | Macroalgae of the Red Sea from Jizan, Saudi Arabia | |
| By | Syeda Fatima Manzelat, Asala Mohammed Mufarrah, Basmah Ahmed Hasan and Najwa Ali Hussain | 489-508 |
| | | |
| S. No. 13- | Chromium Reduction by <i>Acinetobacter pittii</i> Isolated from Chromite Mine Area of Pauni Region of Maharashtra, India | |
| By | Shweta Deote, Arun B. Ingle and Swapnil P. Magar | 509-516 |
| | | |
| S. No. 14- | Exploration of the Unique Blend of Traditional Knowledge and Medicinal Plants from Bastar, Chhattisgarh, India | |
| By | Dhananjay Pandey, Pramila Khandel and Preeti Verma | 517-526 |