



# Journal of Applicable Chemistry

2020, 9 (2): 204-343  
(International Peer Reviewed Journal)



## CONTENTS

S.No.	Title of the Paper and Author (s)	Pages
1	Front cover	
2	Contents	
3	<b>Review Paper:</b> Macrocyclic Complexes: Auspicious Tool in the Medicinal World-A Review Ashu Chaudhary*, Subhash and Pinki	204-215
4	<b>Review Paper:</b> Landscaping of Biologically Active Bimetallic Complexes of Platinum (II) and (IV): Wonder Molecules for Chemotherapy Ashu Chaudhary*, Pinki and Subhash	216-222
5	<b>Research Paper:</b> Synthesis, Characterization, Biological Activity of 5-Bromobenzofuran-2-carboxylic acid (Substituted-benzylidene)-hydrazides and their Derivatives H. M. Naveena Kumari, Manjunath Harihara Mathada, and K. M. Basavaraja*	223-228
6	<b>Research Paper:</b> Novel Sphere CuO/Ag <sub>3</sub> PO <sub>4</sub> Nanocomposites with Enhanced Visible Light Photocatalytic Activity for Degradation of Amaranth K. Palpandi <sup>1</sup> , K. Eswaran <sup>2</sup> and B. Kavitha <sup>1*</sup>	229-239
7	<b>Research Paper:</b> Synthesis of Silver Nanoparticle from <i>Curcuma longa</i> Leaves Extract and its Antibacterial Activity against <i>E. coli</i> and <i>S. aureus</i> Aparna Bhardwaj <sup>1</sup> and Somendra Sharma <sup>2*</sup>	240-245
8	<b>Research Paper:</b> Qualitative and Quantitative Analysis of Phytochemical Studies on Chara sp. Astom Mondal*, Karabi Biswas and Sankar Narayan Sinha	246-252
9	<b>Research Paper:</b> Evaluation of Antibacterial Potential of some <i>Lichen</i> Species of Eastern Himalayan Region Snigdha Majumder* and Sankar Narayan Sinha	253-258
10	<b>Research Paper:</b> Isolation and Characterization of Quetiapine Degradation Products by NMR and HRMS: Development and Validation of Quetiapine by RP-UPLC KumaraswamyKasani <sup>1,2</sup> , Hima Bindu Gandham <sup>2</sup> , V.V.S.R.N. Anji Karun Mutha <sup>1,2</sup> , Rudrakshula JD Prasad <sup>1</sup> , Muralidharan Kaliyaperumal <sup>1</sup> and Chidananda Swamy Rumalla <sup>1*</sup>	259-268

S.No.	Title of the Paper and Author (s)	Pages
11	<b>Research Paper:</b> Evaluation of Azadirachtin Content of Neem ( <i>Azadirachta indica</i> A. Juss) Seeds from Different Provinces of India Somendra Sharma*	269-275
12	<b>Research Paper:</b> Copper (III) Periodate Complex-A Portable Oxidant for the Free Radical Induced Oxidation of Thiamine Hydrochloride Shreekant M. Patil, Atmanand M. Bagoji, Santosh B. Konnur and Sharanappa T. Nandibewoor*	276-287
13	<b>Research Paper:</b> Isolation, Identification and Characterization of Afatinib Novel Degradation Products by NMR and HRMS:RP-UPLC Method Development and Validation Ramulu Yanaka <sup>1, 2,*</sup> , Hima Bindu Gandham <sup>2</sup> , Chidananda Swamy Rumalla <sup>1</sup> , Muralidharan Kaliyaperumal <sup>1</sup> Shaik john Saida <sup>1</sup> , Rudrakshula J D Prasad <sup>1</sup> , and Raghu nandan Renukunta <sup>1</sup>	288-298
14	<b>Research Paper:</b> Phytochemical content and Heavy Metals levels in <i>Cystoseira Spicata</i> and <i>Cystoseira Compressa</i> from Annaggaza Seacoast Zaid Najah <sup>1*</sup> , Maha Annface <sup>2</sup> and Jowarreja Al Asekry <sup>2</sup>	299-307
15	<b>AAA: Advancement Application Announcement</b> <b>CNN: Artificial Intelligence (AI)</b>	308-333
16	<b>AAA: Knowledge Inn</b>	334-341
17	<b>AAA: Manuscripts under Editorial Process</b>	342
18	<b>Author index</b>	343
19	<b>Back Cover</b>	