



Journal of Applicable Chemistry

2020, 9 (4): 503-683
(International Peer Reviewed Journal)



CONTENTS

S.No.	Title of the Paper and Author (s)	Pages
1	Front cover	
2	Contents	
3	Mini Review: Chemical Understanding and Preventive Measures of Corona virus Infection Mannam Krishna Murthy ^{1*} and Kesana Surendra Babu ²	503-513
4	Review: Dimedone as the Source for Antimicrobial Agents; Synthesis and Anti-Microbial Property of Compounds Obtained Using Dimedone as the Precursor Ali Mohd Lone ^{1*} and Muneer Ahmad Bhat ²	514-530
5	Research Paper: Green Synthesis of 5-Arylidene-2,4-Thiazolidinedione derivatives Catalyzed by Titanium Dioxide under Microwave Irradiation Adinath D. Badar ^{1,2} , Kiran F. Shelke ¹ , Pramod S. Phatak ^{1,2} and Kisan P. Haval ^{2*}	531-538
6	Research Paper: An Efficient Synthesis of Pyrazole Derivatives Proven Effective as Antifungal and Antibacterial Activity Archana D. Jadhav ^{1*} , Pankaj U. Barhate ¹ and Ayesha Durrani ²	539-546
7	Research Paper: Green Synthesis of Nickel oxide Nanoparticles using <i>Acalypha Indica</i> Leaf Extract, Characterization and Study of its Photocatalytic Activity Hosaholalu Balakrishna Uma and Sannaiah Ananda*	547-555
8	Research Paper: Synthesis, Characterization and Biological Studies of Novel Series of Triazolyl Schiff Bases Bearing Thiazole Moiety and their S-Derivatives Jean Baptiste Nkurunziza ¹ , Balakrishna Kalluraya ^{1*} and Desta Gebretekle ²	556-565
9	Research Paper: Determination of Eletriptan Hydro Bromide in pure and Pharmaceutical Formulations Using Cobalt Thiocyanide and Citric Anhydride by Spectrophotometric Method M.L.N. Acharyulu ^{1*} , P.V.S.R. Mohana Rao ² and I. Siva Ramakoti ³	567-574

S.No.	Title of the Paper and Author (s)	Pages
10	Research Paper: Degradation Study of Valsartan: Isolation and Structural Elucidation of Novel Degradants K.V.K. Mohan.P ^{1,2} , S.S.K. Chakravarthy Kotha ¹ , Raju Doddipalla ¹ , Vijay Bommuluri ¹ , Chidananda Swamy Rumalla ^{1*} , Raghu Babu Korupolu ² , Deviprasad Rendedula ¹ and Muralidharan Kaliyaperumal ¹	575-588
11	Research Paper: Thermal decomposition of Ammonium per chlorate-PART-II: Effect of Source of Supply M. R. R. Prasad* and K. Sudhakar babu	589-594
12	Research Paper: Solid State Kinetics of Hg(II) Complex Derived from Schiff base of amino 1,2,3,4 thiaziazole with-ortho-methoxybenzaldehyde Ajay Kumar and U.N. Verma*	595-601
13	Research Paper: Thermal Decomposition of Ammonium per chlorate-Tetraethyl Ammonium per chlorate Mixtures M. R. R. Prasad* and K. Sudhakarababu	602-607
14	Research Paper: Hydrogeochemical Assessment, Spatial and Temporal Distribution of Groundwater Quality in Handri river basin, Southern India Y. Ravi Kumar ¹ , K. Rama Mohan ² and K.S.V. Krishna Rao ^{3*}	608-627
15	Research Paper: Lanthanum Triflate Anchored SBA-15 is an Effective Catalyst for the Nitration of Alkyl Aromatics Thirupathiah Ketike ¹ , Ashokraju Muppala ^{1,2} , Venkata Siva Prasad Ganjala ^{1,4} , Seetha Ramarao Kamaraju ^{1,2} , David Raju Burri ^{1,2} and Saidulu Ganji ^{1,3*}	628-637
16	Research Paper: A Computational Study of Homolytic Bond Dissociation Process Involved in the Initiation Process of Atom Transfer Radical Polymerization Chetana Deoghare*	638-648
17	Research Paper: Synthesis, Bioassay and Molecular Modelling Studies of Antioxidants in Ischemic Diseases Lankella Sasikala, Vandavasi KoteswaraRao ^{2*} and Viplov Duth Shukla ³	649-659
18	Research Paper: The Studies on Properties of Epoxy-Graphene Nano Composites Sangeeta B. Kulkarni*	660-663
19	AAA: Advancement Application Announcement CNN: Atom search	664-670
20	AAA: Knowledge Inn	671-681
21	AAA: Manuscripts under Editorial Process	682
22	Author index	683
23	Back Cover	