

4421-1312

I J P A C

VOLUME ~~16~~⁹ • NUMBERS 1-2 • January-June 2021

64

INDIAN JOURNAL *of* PURE & APPLIED CHEMISTRY

Dr
30/9/2021

GRP

GLOBAL RESEARCH PUBLICATIONS
New Delhi (INDIA)

INDIAN JOURNAL OF PURE & APPLIED CHEMISTRY

Vol. 16 • No. 1-2 • January-June 2021

CONTENTS

| | |
|---|--|
| Synthesis of Novel 6-isocyano-5-substitutedphenyl-[1, 2, 4] triazolopyrimidin-7 (8H)-onederivatives and Evaluation of their Anticancer Activity | <i>N. Kumar, N. Singhal and R. Dudhe</i> 1-8 |
| Validation of a High Performance thin Layer Chromatography Method for the Estimation of Rifaximin in Pharmaceutical Formulation | <i>Mukesh C. Sharma & Smita Sharma</i> 9-12 |
| Bioavailability Studies of Trace Elements in a Potential Food Formulation for Use in the Management of HIV and AIDS | <i>P. Lusi, H. N. Nyambaka, C. F. L. Mbakaya, E. Maseta, V. Bwete and J. Murungi</i> 13-19 |
| Mechanistic Study of Palladium(II)-Catalysis in Oxidation of Cyclohexanol by N-Chlorosuccinimide in Aqueous Alkaline Medium: A Kinetic Approach | <i>Kumud Lata Singh, Shipra Tripathi, Sandeep Kumar Mishra & Bharat Singh</i> 21-24 |
| NaHSO ₄ -SiO ₂ as an Efficient Catalyst for the Synthesis of some 2-arylbenzothiazole Derivatives | <i>K. Ravi Kumar, G. Udaya Bhanu, M. R. Shiva Lingam and B. Srinivasa Reddy</i> 25-29 |
| Studies on uranyl (VI) Complexes of Schiff base Ligands Derived from 1,3-diethylpropanediote and 1,4-diethylbutanediote with hydrazine hydrate | <i>H. A. Salami and J. N. Nwabueze</i> 31-35 |
| Mechanistic Aspect of Osmium (VIII) Catalysed Oxidation of Crotonic Acid by Aqueous Alkaline Solution of Chloramine-T: A Kinetic Modeling | <i>Bharat Singh, Aniruddh Kumar Singh, Anamika Singh & Shipra Tripathi</i> 37-42 |
| Encapsulation of Aminopyridines by α - and β -cyclodextrins: Spectral and Theoretical Studies | <i>J. Thulasidhasan, M. Karthick & N. Rajendiran</i> 43-52 |
| Mechanistic Studies of Aquachlororhodium(III) Catalysed Oxidation of D-threonine by chloramine-T in Acidic Medium: A Kinetic Modeling | <i>Bharat Singh, Aniruddh Kumar Singh, Anamika Singh & Shipra Tripathi</i> 53-59 |
| Study of Formation and Stability of Mixed Ligand Complexes with Salicylidineanthranilic Acid, Imidazoles and Polypyridyl Ligands | <i>Satnami Dharmendra K. and Patel R. N.</i> 61-67 |
| Comparing of Absorption Three Heavy and Toxic Metals in Different Parts of Spinach and Celery Vegetables and Related Soil | <i>Neda Goodarzi and Rahmatallah Rahimi</i> 69-72 |
| Synthesis, Characterisation and Pharmacological Screening of Novel Benzothiazolobutadienyl Ascyanine Colorants | <i>Arvind Kumar, Bhupendra Narayan and A. Samad Ansari</i> 73-76 |

