



# Journal of Applicable Chemistry

2021, 10(1): 1-126

(International Peer Reviewed Journal)



## CONTENTS

S.No.	Title of the Paper and Author (s)	Pages
1	Front cover	
2	Contents	
3	Editor's Desk	
4	<b>Research Paper:</b> Synthesis and Biological Evaluation of some new Azetidin-2-one and Thiazolidin-4-one Derivatives Nawseen Fatima Ansari, Saif Ansari, Shailendra Tiwari and I. R. Siddiqui*	1-11
5	<b>Research Paper:</b> Synthesis and Biological Evaluation of Some Novel Hydrazones Carrying Benzimidazole and Pyrene/Vanillin Moiety Desta Gebretekle <sup>1</sup> , Balakrishna Kalluraya <sup>1*</sup> and N. Manju <sup>2</sup>	12-21
6	<b>Research Paper:</b> A thermodynamic and Comparative Study of Pharmaceutical Drug (Paracetamol) by Ir(III) and Pd(II) Catalyzed Oxidation in Acidic Medium (HClO <sub>4</sub> ): Kinetic Model Reena Patel <sup>1</sup> , Shailesh Kumar <sup>1</sup> , Arvind Kumar Pandey <sup>2</sup> and Sheila Srivastava <sup>3*</sup>	22-34
7	<b>Research Paper:</b> Degradation of Indigocarmine Dye by Oxidation using Chloramine-T in Acidic Buffer Medium Catalyzed by Vanadium(V) Ion: A Kinetic and Mechanistic Study R. T. Radhika <sup>1</sup> , Ravi J. D. Saldanha <sup>2</sup> , V. R. Kattimani <sup>3</sup> , M. N. Kumar <sup>4</sup> and B. M. Venkatesha <sup>4*</sup>	35-41
8	<b>Research Paper:</b> Study of Some Physical and Chemical Characteristic Properties of Ground Water in Sug al Juma'a area in Tripoli, Libya Ali Bukhzam <sup>1</sup> , Aborawi Elgornazi <sup>2</sup> , Nessma Alshelmani <sup>1</sup> and Nabil Bader <sup>1*</sup>	42-48
9	<b>Research Paper:</b> Electrochemical Degradation of 3-(dimethylamino)-7-(methylamino) phenothiazin-5-ium chloride Dye at Barium/Graphite Modified Electrode in Aqueous Solution C. N. Kumara, H. C. Charan Kumar and Sannaiah Ananda*	49-61
10	<b>Research Paper:</b> Effect of Tangenetin in STZ Induced Diabetic Neuropathic Pain Model in Rats A. Narayana Rao <sup>1</sup> , Ch. Siva Reddy <sup>2</sup> and P. Sujatha <sup>3</sup>	62-68

<b>S.No.</b>	<b>Title of the Paper and Author (s)</b>	<b>Pages</b>
11	AAA: Advancement Application Announcement CNN: Systems Chemistry	70-107
12	AAA: Knowledge Inn	108-120
13	AAA: Glimpses of evolution of JOAC	121-122
14	AAA: Messages	123-124
15	AAA: Errata	125
16	Author index	126
17	Back Cover	