

Jyothi C Abbar

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

228
citations

7
h-index

14
g-index

24
ext. papers

252
ext. citations

3.4
avg, IF

3.16
L-index

#	Paper	IF	Citations
22	Photocatalytic activity and anti-microbial application of synthesized Zinc oxide nanoparticles (ZnO Nps) towards remediation of hospital waste water (HWW). <i>Materials Today: Proceedings</i> , 2021 , 49, 699-699	4.4	0
21	Nanostructured Au-graphene modified electrode for electrosensing of chlorzoxazone and its biomedical applications. <i>Materials Chemistry and Physics</i> , 2021 , 266, 124538	4.1	2
20	Sensitive and selective voltammetric oxidation and determination of an antiemetic drug using gold electrode and its biomedical applications. <i>Surfaces and Interfaces</i> , 2020 , 19, 100484	3.2	
19	Electro-Catalytic Behavior of an Antiarrhythmic Drug, Procainamide and its Electro-Analytical Applications. <i>Journal of Electrochemical Science and Technology</i> , 2018 , 9, 292-300	3.1	2
18	Anodic Voltammetric Behavior of Lincomycin and its Electroanalytical Determination in Pharmaceutical Dosage form and Urine at Gold Electrode. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017 , 231, 957-970		5
17	Development of Voltammetric Method for the Determination of an Anticancer Drug, 5-Fluorouracil, at a Multiwalled Carbon Nanotubes Paste Electrode. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016 , 46, 814-820	2.5	4
16	Voltammetric oxidation of carbenicillin and its electro analytical applications at gold electrode. <i>Cogent Chemistry</i> , 2016 , 2, 1235459	1	3
15	Electro-oxidation and Determination of Procainamide at Glassy Carbon Electrode and its Analytical Applications. <i>Analytical Chemistry Letters</i> , 2016 , 6, 193-204	6	39
14	Voltammetric oxidation and determination of atorvastatin based on the enhancement effect of cetyltrimethyl ammonium bromide at a carbon paste electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 106, 158-64	6.7	56
13	Voltammetric oxidation and determination of loop diuretic furosemide at a multi-walled carbon nanotubes paste electrode. <i>Electrochimica Acta</i> , 2012 , 60, 95-101	5.6	27
12	Electrochemical determination of a hemorheologic drug, pentoxifylline at a multi-walled carbon nanotube paste electrode. <i>Bioelectrochemistry</i> , 2012 , 83, 1-7	3.9	29
11	Development of Electrochemical Method for the Determination of Chlorzoxazone Drug and its Analytical Applications to Pharmaceutical Dosage Form and Human Biological Fluids. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 111-118	5.2	9
10	Voltammetric Behavior of Chlorzoxazone and Its Electroanalytical Determination in Pharmaceutical Dosage Form and Urine at Gold Electrode. <i>Critical Reviews in Analytical Chemistry</i> , 2012 , 42, 272-281	1.8	18
9	Ruthenium(III) Catalyzed Oxidative Degradation of Amitriptyline-A Tricyclic Antidepressant Drug by Permanganate in Aqueous Acidic Medium. <i>Journal of Solution Chemistry</i> , 2011 , 40, 502-520	1.4	3
8	Mechanistic investigations of ruthenium(III) catalyzed oxidation of pentoxifylline by copper(III) periodate complex in aqueous alkaline medium. <i>Monatshefte Für Chemie</i> , 2011 , 142, 469-479		3
7	Osmium(VIII) Catalyzed Oxidation of DL-Ornithine Monohydrochloride by a New Oxidant, Diperoatoargentate(III) in Aqueous Alkaline Medium. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2010 , 40, 246-256		2
6	Kinetic and Mechanistic Aspects of Osmium(VIII) Catalyzed Oxidation of DL-ornithine by Copper(III) Periodate Complex in Aqueous Alkaline Medium. <i>Zeitschrift Fur Physikalische Chemie</i> , 2010 , 224, 865-882		

- 5 Osmium(VIII) catalyzed and uncatalyzed oxidation of a hemorheologic drug Pentoxifylline by alkaline copper(III) periodate complex: A comparative kinetic and mechanistic approach. *Polyhedron*, **2010**, 29, 2875-2883 2.7 6
- 4 Mechanistic aspects of uncatalyzed and ruthenium(III) catalyzed oxidation of dl-ornithine monohydrochloride by silver(III) periodate complex in aqueous alkaline medium. *Inorganica Chimica Acta*, **2010**, 363, 2430-2442 2.7 8
- 3 Mechanistic Aspects of Os(VIII)/Ru(III) Catalysed Oxidation of L-phenylalanine by Ag(III) Periodate Complex in Aqueous Alkaline Medium. *Catalysis Letters*, **2009**, 133, 142-155 2.8 1
- 2 Mechanistic aspects of uncatalyzed and ruthenium(III) catalyzed oxidation of dl-ornithine by copper(III) periodate complex in aqueous alkaline medium: A comparative kinetic study. *Journal of Molecular Catalysis A*, **2009**, 313, 88-99 7
- 1 Mechanistic Investigation of Uncatalyzed and Osmium(VIII) Catalyzed Oxidation of Guanidine by Ag(III) Periodate Complex in Aqueous Alkaline Medium: A Comparative Kinetic Approach. *Industrial & Engineering Chemistry Research*, **2009**, 48, 7550-7560 3.9 4