

Jyothi C Abbar

List of Publications by Citations

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22
papers

228
citations

7
h-index

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24
ext. papers

252
ext. citations

3.4
avg, IF

3.16
L-index

#	Paper	IF	Citations
22	Voltammetric oxidation and determination of loop diuretic furosemide at a multi-walled carbon nanotubes paste electrode. <i>Electrochimica Acta</i> , 2012 , 60, 95-101	6.7	56
21	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	39
20	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	3.9	29
19	Electrochemical determination of a hemorheologic drug, pentoxifylline at a multi-walled carbon nanotube paste electrode. <i>Bioelectrochemistry</i> , 2012 , 83, 1-7	5.6	27
18	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	1.8	18
17	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	5.2	9
16	Mechanistic aspects of uncatalyzed and ruthenium(III) catalyzed oxidation of dl-ornithine monohydrochloride by silver(III) periodate complex in aqueous alkaline medium. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2430-2442	2.7	8
15	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. <i>Journal of Molecular Catalysis A</i> , 2009 , 313, 88-99		7
14	Osmium(VIII) catalyzed and uncatalyzed oxidation of a hemorheologic drug Pentoxifylline by alkaline copper(III) periodate complex: A comparative kinetic and mechanistic approach. <i>Polyhedron</i> , 2010 , 29, 2875-2883	2.7	6
13	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		5
12	Mechanistic Investigation of Uncatalyzed and Osmium(VIII) Catalyzed Oxidation of Guanidine by Ag(III) Periodate Complex in Aqueous Alkaline Medium: A Comparative Kinetic Approach. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 7550-7560	3.9	4
11	Voltammetric oxidation of carbenicillin and its electro analytical applications at gold electrode. <i>Cogent Chemistry</i> , 2016 , 2, 1235459	2.5	4
10	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	1.4	3
9	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		3
8	Electro-oxidation and Determination of Procainamide at Glassy Carbon Electrode and its Analytical Applications. <i>Analytical Chemistry Letters</i> , 2016 , 6, 193-204	1	3
7	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	4.1	2
6	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	3.1	2

- 5 Kinetic and Mechanistic Aspects of Osmium(VIII) Catalyzed Oxidation of DL-ornithine by Copper(III) Periodate Complex in Aqueous Alkaline Medium. *Zeitschrift Fur Physikalische Chemie*, **2010**, 224, 865-882^{3.1} 2
- 4 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
- 3 Nanostructured Au-graphene modified electrode for electrosensing of chlorzoxazone and its biomedical applications. *Materials Chemistry and Physics*, **2021**, 266, 124538 4.4 0
- 2 Electro-Catalytic Behavior of an Antiarrhythmic Drug, Procainamide and its Electro-Analytical Applications. *Journal of Electrochemical Science and Technology*, **2018**, 9, 292-300 3.2
- 1 Photocatalytic activity and anti-microbial application of synthesized Zinc oxide nanoparticles (ZnO Nps) towards remediation of hospital waste water (HWW). *Materials Today: Proceedings*, **2021**, 49, 699-699^{1.4}