

Jyothi C Abbar

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1306789

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24
docs citations

24
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Voltammetric oxidation and determination of loop diuretic furosemide at a multi-walled carbon nanotubes paste electrode. <i>Electrochimica Acta</i> , 2012, 60, 95-101.	2.6	67
2	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, 158-164.	2.5	47
3	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.	1.8	35
4	Electrochemical determination of a hemorheologic drug, pentoxifylline at a multi-walled carbon nanotube paste electrode. <i>Bioelectrochemistry</i> , 2012, 83, 1-7.	2.4	34
5	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.	0.6	20
6	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	14
7	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.	1.2	9
8	Nanostructured Au-graphene modified electrode for electrosensing of chlorzoxazone and its biomedical applications. <i>Materials Chemistry and Physics</i> , 2021, 266, 124538.	2.0	8
9	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.	4.8	7
10	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.	1.0	6
11	Voltammetric oxidation of carbenicillin and its electro analytical applications at gold electrode. <i>Cogent Chemistry</i> , 2016, 2, 1235459.	2.5	6
12	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.	0.6	6
13	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.	1.4	5
14	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.	1.8	4
15	Electro-oxidation and Determination of Procainamide at Glassy Carbon Electrode and its Analytical Applications. <i>Analytical Chemistry Letters</i> , 2016, 6, 193-204.	0.4	4
16	Impact of an expired hemorheologic drug on the mitigation of zinc corrosion in acidic environment: Insights from chemical, electrochemical, and surface evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 650, 129518.	2.3	4
17	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.	0.6	3
18	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.	0.9	3

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19	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.	1.5	3
20	Photocatalytic activity and anti-microbial application of synthesized Zinc oxide nanoparticles (ZnO). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 699-702.	0.9	3
21	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.	1.4	2
22	Study of induced amplification of antibacterial activity of ciprofloxacin on coupling with ZnO nanoparticles (ZnONp). <i>Materials Today: Proceedings</i> , 2022, 49, 632-637.	0.9	2
23	Mechanistic Aspects of Os(VIII)/Ru(III) Catalysed Oxidation of L-phenylalanine by Ag(III) Periodate Complex in Aqueous Alkaline Medium. <i>Catalysis Letters</i> , 2009, 133, 142-155.	1.4	1
24	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.	0.9	0