

# Sharanappa T Nandibewoor

## List of Publications by Year in descending order

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230  
papers

3,658  
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126708

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citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic and Mechanistic Modeling on Oxidation of Antidiabetic Drug Metformin with Cu(III) Periodate Complex in Aqueous Alkaline Media. Russian Journal of Physical Chemistry A, 2022, 96, 75-83.	0.1	1
2	Autocatalyzed oxidation of D-glucitol by alkaline copper (III) periodate complex: A kinetic and mechanistic approach. Journal of Physical Organic Chemistry, 2021, 34, e4146.	0.9	3
3	Autocatalyzed oxidation of amino acid, L-Citrulline by diperiodatocuprate(III) complex in aqueous alkaline medium: a kinetics and mechanistic approach. Journal of Chemical Sciences, 2020, 132, 1.	0.7	2
4	Silver(III) Periodate Complex – An Oxidant for Free Radical Induced Uncatalyzed and Ruthenium(III) Catalyzed Oxidation of Barbituric Acid. Russian Journal of Physical Chemistry A, 2020, 94, 2010-2023.	0.1	2
5	Oxidation of procainamide by diperiodatocuprate(III) complex in aqueous alkaline medium: a comparative kinetic study. Inorganic and Nano-Metal Chemistry, 2020, 50, 195-204.	0.9	0
6	Electro analysis of 3-Aminopyridine at poly Eriochrome black T modified glassy carbon electrode and its oxidation mechanism. Chemical Data Collections, 2020, 25, 100336.	1.1	3
7	Investigation of kinetics and mechanism of oxidation of acetoacetanilide in alkaline medium using hexacyanoferrate(III). Monatshefte für Chemie, 2019, 150, 1469-1478.	0.9	8
8	Kinetic Investigations of Ruthenium(III) Catalyzed Oxidation of Dimedone by Diperiodatocuprate(III) in Aqueous Alkaline Media. Russian Journal of Physical Chemistry A, 2019, 93, 1686-1698.	0.1	6
9	Characterization of the binding and conformational changes of bovine serum albumin upon interaction with antihypertensive olmesartan medoxomil. Journal of Molecular Structure, 2019, 1179, 269-277.	1.8	11
10	Binding of fexofenadine hydrochloride to bovine serum albumin: structural considerations by spectroscopic techniques and molecular docking. Journal of Biomolecular Structure and Dynamics, 2017, 35, 1200-1214.	2.0	10
11	Investigation of binding behaviour of procainamide hydrochloride with human serum albumin using synchronous, 3D fluorescence and circular dichroism. Journal of Pharmaceutical Analysis, 2017, 7, 103-109.	2.4	40
12	Pretreated Graphite Pencil Electrode Based Voltammetric Sensing of Albendazole. Analytical Chemistry Letters, 2017, 7, 389-401.	0.4	6
13	Quenching of fluorescence by meclizine, a probe study for structural and conformational changes in human serum albumin. Journal of Biomolecular Structure and Dynamics, 2017, 35, 3161-3175.	2.0	15
14	Multi-spectroscopic and voltammetric evidences for binding, conformational changes of bovine serum albumin with thiamine. Journal of Biomolecular Structure and Dynamics, 2017, 35, 2395-2406.	2.0	14
15	Spectroscopic exploration and thermodynamic characterization of desvenlafaxine interacting with fluorescent bovine serum albumin. Journal of Molecular Recognition, 2017, 30, e2567.	1.1	6
16	Study on the interaction between anti-tuberculosis drug ethambutol and bovine serum albumin: multispectroscopic and cyclic voltammetric approaches. Luminescence, 2017, 32, 206-216.	1.5	13
17	Multi-spectroscopic characterization of bovine serum albumin upon interaction with atomoxetine. Journal of Pharmaceutical Analysis, 2017, 7, 148-155.	2.4	98
18	Anodic Voltammetric Behavior of Lincomycin and its Electroanalytical Determination in Pharmaceutical Dosage form and Urine at Gold Electrode. Zeitschrift Fur Physikalische Chemie, 2017, 231, 957-970.	1.4	5

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19	Oxidation of linezolid by permanganate in acidic medium: Pd(II) catalysis, kinetics and pathways. <i>Progress in Reaction Kinetics and Mechanism</i> , 2016, 41, 245-257.	1.1	2
20	Investigation into the interaction of methylparaben and erythromycin with human serum albumin using multispectroscopic methods. <i>Luminescence</i> , 2016, 31, 433-441.	1.5	4
21	Electrooxidation and Determination of Tripeleennamine Hydrochloride at MWCNTâ€CTAB Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2016, 28, 523-532.	1.5	6
22	Voltammetric oxidation of carbenicillin and its electro analytical applications at gold electrode. <i>Cogent Chemistry</i> , 2016, 2, 1235459.	2.5	6
23	Electrochemical Determination of Albendazole at Glassy Carbon Electrode. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 1522-1526.	0.7	5
24	Binding interaction and conformational changes of human serum albumin with ranitidine studied by spectroscopic and time-resolved fluorescence methods. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1325-1338.	1.2	35
25	Uncatalyzed and Ruthenium(III) Catalyzed Oxidation of Aspartame by Potassium Permanganate in Aqueous Alkaline Medium: A Comparative Kinetic Study. <i>Journal of Solution Chemistry</i> , 2016, 45, 497-517.	0.6	1
26	Interaction of Hydralazine with Human Serum Albumin and Effect of Î²-Cyclodextrin on Binding: Insights from Spectroscopic and Molecular Docking Techniques. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 5454-5464.	1.8	68
27	Electroanalysis of cardioselective beta-adrenoreceptor blocking agent acebutolol by disposable graphite pencil electrodes with detailed redox mechanism. <i>Cogent Chemistry</i> , 2016, 2, 1172393.	2.5	21
28	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
29	A spectroscopic investigation of kinetics and mechanism of ruthenium(III)-catalyzed oxidation of N-(2-hydroxyethyl)phthalimide by cerium(IV) in aqueous sulphuric acid and sulphate media. <i>Cogent Chemistry</i> , 2016, 2, 1195243.	2.5	4
30	Staircase voltammetric determination of 2-thiouracil in pharmaceuticals and human biological fluids at polyaniline and polypyrrole film modified sensors. <i>Sensors and Actuators A: Physical</i> , 2016, 250, 40-47.	2.0	8
31	Oxidation of Acebutolol by Copper(III) Periodate Complex in Aqueous Alkaline Medium: A Kinetic and Mechanistic Approach. <i>Journal of Solution Chemistry</i> , 2016, 45, 1715-1728.	0.6	9
32	Selective and Sensitive Electro Chemical Determination of D-Cycloserine Using Graphene Paste Sensor and its Application Studies. <i>Analytical Chemistry Letters</i> , 2016, 6, 478-491.	0.4	1
33	Fluorescent bovine serum albumin interacting with the antitussive quencher dextromethorphan: a spectroscopic insight. <i>Luminescence</i> , 2016, 31, 843-850.	1.5	10
34	Biomolecular interaction study of hydralazine with bovine serum albumin and effect of Î²-cyclodextrin on binding by fluorescence, 3D, synchronous, CD, and Raman spectroscopic methods. <i>Journal of Molecular Recognition</i> , 2016, 29, 308-317.	1.1	10
35	Interaction between carisoprodol and bovine serum albumin and effect of Î²-cyclodextrin on binding: insights from molecular docking and spectroscopic techniques. <i>RSC Advances</i> , 2016, 6, 63463-63471.	1.7	23
36	Evaluation of the binding interaction between bovine serum albumin and dimethyl fumarate, an anti-inflammatory drug by multispectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 156, 164-171.	2.0	34

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37	Development of Voltammetric Method for the Determination of an Anticancer Drug, 5-Fluorouracil, at a Multiwalled Carbon Nanotubes Paste Electrode. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 814-820.	0.6	6
38	Free-radical-induced oxidative degradation of antibacterial drug, methylparaben by permanganate in alkaline medium: A kinetic and mechanistic approach. Cogent Chemistry, 2016, 2, 1134992.	2.5	1
39	Electrocatalytic redox behavior of graphene films towards acebutolol hydrochloride determination in real samples. New Journal of Chemistry, 2016, 40, 3763-3772.	1.4	28
40	Thermodynamic, kinetic and mechanistic investigations of Piperazine oxidation by Diperoiodatocuprate(III) complex in aqueous alkaline medium. Journal of Chemical Sciences, 2016, 128, 477-485.	0.7	6
41	Electrochemical studies for the determination of an antibiotic drug, cycloserine, in pharmaceutical and human biological samples. Journal of Taibah University for Science, 2016, 10, 92-99.	1.1	9
42	Polybenzoin Based Sensor for Determination of 2thiouracil in Biological Fluids and Pharmaceutical Formulations. Journal of the Chinese Chemical Society, 2015, 62, 287-295.	0.8	2
43	Ruthenium(III) catalysed and uncatalysed oxidative mechanisms of methylxanthine drug theophylline by copper(III) periodate complex in alkali media: a comparative approach. Journal of Physical Organic Chemistry, 2015, 28, 743-754.	0.9	7
44	MWCNT-CTAB modified glassy carbon electrode as a sensor for the determination of paracetamol. RSC Advances, 2015, 5, 49045-49053.	1.7	35
45	Fabrication of Polyethylene Glycol Modified Carbon Paste Electrode for the Sensitive Determination of Anti-thyroidal Drug 2-Thio-Uracil in Human Biological Fluids. Analytical Chemistry Letters, 2015, 5, 239-250.	0.4	4
46	Study of fluorescence interaction and conformational changes of bovine serum albumin with histamine receptor drug epinastine hydrochloride by spectroscopic and time-resolved fluorescence methods. Biopolymers, 2015, 103, 646-657.	1.2	22
47	Oxidation of clindamycin phosphate by chromium(VI) in aqueous sulfuric acid medium: A kinetic and mechanistic study. Cogent Chemistry, 2015, 1, 1115210.	2.5	1
48	Non-covalent binding analysis of sulfamethoxazole to human serum albumin: Fluorescence spectroscopy, UV-vis, FT-IR, voltammetric and molecular modeling. Journal of Pharmaceutical Analysis, 2015, 5, 143-152.	2.4	35
49	Fabrication of multiwalled carbon nanotube-surfactant modified sensor for the direct determination of toxic drug 4-aminoantipyrine. Journal of Pharmaceutical Analysis, 2015, 5, 231-238.	2.4	23
50	Catalytic Activity of Ruthenium(III) and Thermodynamic Study of Oxidative Degradation of Chloramphenicol by Cerium(IV) in Sulfuric Acid Medium. Journal of Solution Chemistry, 2015, 44, 152-169.	0.6	8
51	Oxidative degradation of the antihypertensive drug losartan by alkaline copper(III) periodate complex in the presence and absence of ruthenium(III) catalyst: a kinetic and mechanistic study of losartan metabolite. Monatshefte für Chemie, 2015, 146, 1649-1663.	0.9	4
52	Anodic voltammetric behavior of hydroxyurea and its electroanalytical determination in pharmaceutical dosage form and urine. Journal of Electroanalytical Chemistry, 2015, 755, 109-114.	1.9	15
53	Mechanistic Investigations of Uncatalyzed and Ruthenium(III) Catalyzed Oxidation of Vanillin by Periodate in Aqueous Alkaline Medium. Journal of Solution Chemistry, 2015, 44, 1205-1223.	0.6	8
54	Electroanalytical method for the determination of 5-fluorouracil using a reduced graphene oxide/chitosan modified sensor. RSC Advances, 2015, 5, 34292-34301.	1.7	29

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55	Kinetics and Mechanism of Cerium(IV) Oxidation of Fosfomycin Disodium Salt: An Antibiotic Drug in Acid Perchlorate Solutions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1138-1144.	0.6	6
56	Conclusive evidence for autocatalytic behaviour of manganese(II) ions in the oxidative degradation of ondansetron by permanganate in aqueous sulfuric acid medium – a kinetic and mechanistic approach. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1233-1242.	3.3	3
57	Multi-spectroscopic investigation of the binding interaction of fosfomycin with bovine serum albumin. <i>Journal of Pharmaceutical Analysis</i> , 2015, 5, 249-255.	2.4	67
58	Spectroscopic and mechanistic investigations into oxidation of aspartame by diperiodatocuprate(III) in aqueous alkaline medium. <i>Cogent Chemistry</i> , 2015, 1, 1015909.	2.5	3
59	Spectroscopic investigations of the oxidation of levofloxacin by hexacyanoferrate(III) in aqueous alkaline medium – A kinetic and mechanistic approach. <i>Cogent Chemistry</i> , 2015, 1, 1088778.	2.5	7
60	Electro-oxidation of captopril at a gold electrode and its determination in pharmaceuticals and human fluids. <i>Analytical Methods</i> , 2015, 7, 8673-8682.	1.3	69
61	Investigation of electron-transfer reaction between alkaline hexacyanoferrate(III) and ranitidine hydrochloride – a histamine H <sub>2</sub> receptor antagonist, in the presence of homogenous ruthenium(III) catalyst. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 637-652.	1.0	3
62	Kinetics and mechanistic studies of oxidation of fluoroquinolone antibacterial agent norfloxacin by diperiodatocuprate(III) in aqueous alkaline medium. <i>Cogent Chemistry</i> , 2015, 1, 1068510.	2.5	6
63	Electrooxidation of Indomethacin at Multiwalled Carbon Nanotubes-Modified GCE and Its Determination in Pharmaceutical Dosage Form and Human Biological Fluids. , 2014, 2014, 1-9.		3
64	Mechanistic investigation of ruthenium (III) catalysed oxidation of vitamin B6 by diperiodatoargentate (III) in aqueous alkaline medium. <i>Main Group Chemistry</i> , 2014, 13, 161-173.	0.4	2
65	Electrochemical characterization and determination of paclitaxel drug using graphite pencil electrode. <i>Electrochimica Acta</i> , 2014, 116, 326-333.	2.6	46
66	Binding and conformational changes of human serum albumin upon interaction with 4-aminoantipyrine studied by spectroscopic methods and cyclic voltammetry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 397-403.	2.0	45
67	Electrochemical behavior of paclitaxel and its determination at glassy carbon electrode. <i>Asian Journal of Pharmaceutical Sciences</i> , 2014, 9, 42-49.	4.3	90
68	Spectroscopic Investigation and Reactivities of Ruthenium(III) Catalyzed Oxidation of Anticholinergic Drug Atropine Sulfate Monohydrate by Hexacyanoferrate(III) in Aqueous Alkaline Media: A Mechanistic Approach. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 263-272.	0.6	3
69	Multi-spectral characterization & effect of metal ions on the binding of bovine serum albumin upon interaction with a lincosamide antibiotic drug, clindamycin phosphate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 324-330.	1.7	11
70	Electrochemical Behavior of Graphene-Based Sensors on the Redox Mechanism of Aspirin. <i>Electroanalysis</i> , 2014, 26, 831-839.	1.5	32
71	Elucidation of binding mechanism of hydroxyurea on serum albumins by different spectroscopic studies. <i>SpringerPlus</i> , 2014, 3, 360.	1.2	26
72	Binding studies of lincosamide antibiotic drug clindamycin phosphate to human serum albumin by fluorescence, 3D, and circular dichroism spectroscopy. <i>Monatshefte für Chemie</i> , 2014, 145, 1519-1527.	0.9	11

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73	Simultaneous electrochemical determination of 4-aminophenazone and caffeine at electrochemically pre-treated graphite pencil electrode. <i>Analytical Methods</i> , 2014, 6, 5147.	1.3	35
74	Oxidation of d-Glucose by Silver(III) Periodate Complex in the Presence of Ru(III)/Os(VIII) as a Homogeneous Catalyst: A Comparative Mechanistic Study (Stopped Flow Technique). <i>Journal of Solution Chemistry</i> , 2013, 42, 897-915.	0.6	3
75	Iodide ion mediated oxidation of chloramphenicol by hexacyanoferrate(III) ion in aqueous alkaline medium. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 110, 317-330.	0.8	2
76	Mechanistic Investigations of Uncatalyzed and Ruthenium(III) Catalyzed Oxidation of D-Mannitol by Diperoxydiperoxyargentate(III) Complex in Aqueous Alkaline Medium. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 809-821.	0.6	1
77	Osmium(VIII) catalyzed oxidation of an antibiotic drug chloramphenicol by hexacyanoferrate(III) in aqueous alkaline medium: A mechanistic approach. <i>Main Group Chemistry</i> , 2013, 12, 1-14.	0.4	2
78	Electrochemical response of hydroxyurea by different voltammetric techniques at carbon paste electrode. <i>Analytical Methods</i> , 2013, 5, 6947.	1.3	12
79	Spectroscopic studies on the interaction between chalcone and bovine serum albumin. <i>Journal of Luminescence</i> , 2013, 143, 484-491.	1.5	34
80	RP-HPLC Method for the Estimation of 6-Mercaptopurine in spiked human plasma and pharmaceutical formulations. <i>Journal of Analytical Chemistry</i> , 2013, 68, 1085-1088.	0.4	9
81	Electro-oxidation and determination of gemcitabine hydrochloride, an anticancer drug at gold electrode. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1933-1938.	2.9	22
82	Spectral characterization of the binding and conformational changes of bovine serum albumin upon interaction with an anti-fungal drug, methylparaben. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 105, 418-423.	2.0	33
83	Investigation of the interaction of the new antiarrhythmic drug procainamide hydrochloride with bovine serum albumin and the effect of some metal ions on the binding: a fluorescence quenching study. <i>Monatshefte für Chemie</i> , 2013, 144, 1253-1259.	0.9	9
84	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
85	Catalytic Activity of Palladium(II) and Osmium(VIII) on the Oxidation of Chloramphenicol by Copper(III) Periodate Complex in Aqueous Alkaline Medium—A Comparative Kinetic and Mechanistic Approach. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 9011-9020.	1.8	13
86	Electrochemical Oxidation and Determination of Nimesulide Using a Carbon Paste Electrode. <i>Zeitschrift für Physikalische Chemie</i> , 2013, 227, 73-88.	1.4	18
87	Square Wave Voltammetric Determination of 2-Thiouracil in Pharmaceuticals and Real Samples Using Glassy Carbon Electrode. <i>International Journal of Electrochemistry</i> , 2013, 2013, 1-8.	2.4	9
88	Oxidation of xylitol by a silver(III) periodate complex in the presence of osmium(VIII) as a homogeneous catalyst. <i>Catalysis Science and Technology</i> , 2012, 2, 2549.	2.1	9
89	Mechanism of Oxidation of Xylitol by a New Oxidant, Diperoxydiperoxyargentate (III), in Aqueous Alkaline Medium. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 1183-1191.	0.6	3
90	Development of Electrochemical Method for the Determination of Chlorzoxazone Drug and its Analytical Applications to Pharmaceutical Dosage Form and Human Biological Fluids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 111-118.	1.8	35

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91	Electrochemical Behavior of 4-Aminophenazone Drug at a Graphite Pencil Electrode and Its Application in Real Samples. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 15936-15941.	1.8	21
92	Kinetics and mechanism of oxidation of L-leucine by alkaline diperiodatocuprate(III) – A free radical intervention, deamination and decarboxylation. <i>Journal of Chemical Sciences</i> , 2012, 124, 809-819.	0.7	6
93	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
94	Oxidation of Acyclovir by a Cuprate(III) Periodate Complex in Aqueous Alkaline Media: A Kinetic and Mechanistic Approach. <i>Journal of Solution Chemistry</i> , 2012, 41, 777-792.	0.6	2
95	Kinetics and Mechanism of the Autocatalyzed Oxidation of Theophylline by Permanganate in Aqueous Perchloric Acid Medium. <i>Journal of Solution Chemistry</i> , 2012, 41, 567-580.	0.6	5
96	Mechanistic aspects of Os(VIII) catalysed oxidation of loop diuretic drug furosemide by Ag(III) periodate complex in aqueous alkaline medium. <i>Journal of Chemical Sciences</i> , 2012, 124, 421-430.	0.7	3
97	Voltammetric behavior of theophylline and its determination at multi-wall carbon nanotube paste electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 97, 1-6.	2.5	88
98	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
99	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
100	Mechanistic aspects of uncatalyzed and ruthenium(iii) catalyzed oxidation of 1,4-dioxane by a copper(iii) periodate complex in aqueous alkaline medium. <i>Catalysis Science and Technology</i> , 2011, 1, 1232.	2.1	8
101	Kinetics and Mechanism of Permanganate Oxidation of Clopidogrel Hydrogen Sulfate: An Antiplatelet Drug in Acid Perchlorate Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 10962-10971.	1.8	8
102	Kinetics and Mechanism of Oxidation of Chloramphenicol – an Antibiotic Drug by Diperiodatocuprate(III) in Aqueous Alkaline Medium. <i>Zeitschrift Fur Physikalische Chemie</i> , 2011, 225, 79-94.	1.4	3
103	Mechanistic aspects of oxidation of loop diuretic drug furosemide by Ag(III) periodate complex in alkali media: A kinetic approach. <i>Main Group Chemistry</i> , 2011, 10, 215-227.	0.4	0
104	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
105	Os(VIII)/Ru(III) Catalysed Oxidation of L-Valine by Ag(III) Periodate Complex in Aqueous Alkaline Medium: A Comparative Kinetic Study. <i>Catalysis Letters</i> , 2011, 141, 1526-1540.	1.4	8
106	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
107	Voltammetric Determination of Chlorpheniramine Maleate Based on the Enhancement Effect of Sodium Dodecyl Sulfate at Carbon Paste Electrode. <i>Electroanalysis</i> , 2011, 23, 347-354.	1.5	21
108	Electro-oxidation and determination of antihistamine drug, cetirizine dihydrochloride at glassy carbon electrode modified with multi-walled carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 133-138.	2.5	53

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109	Oxidation of 6-aminopenicillanic acid by an alkaline copper(III) periodate complex in the absence and presence of ruthenium(III) as a homogeneous catalyst. <i>Polyhedron</i> , 2011, 30, 1785-1798.	1.0	8
110	Mechanism of Uncatalyzed and Osmium(VIII) Catalyzed Oxidation of L-alanine by Copper(III) Periodate Complex in Aqueous Alkaline Medium. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 394-404.	0.6	0
111	Thermodynamic quantities for different steps involved in the mechanism of the oxidation of 6-mercaptopurine by diperiodatocuprate(III) in aqueous alkaline medium. <i>Journal of Sulfur Chemistry</i> , 2011, 32, 123-136.	1.0	4
112	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
113	Mechanistic study on the oxidation of l-phenylalanine by copper(III) in aqueous alkaline medium: a kinetic approach. <i>Monatshefte Für Chemie</i> , 2010, 141, 1069-1076.	0.9	7
114	Thermodynamic Quantities for the Different Steps Involved in the Oxidation of the Drug Ketorolac by Copper(III) Periodate Complex in Aqueous Alkaline Medium: A Mechanistic Approach. <i>Journal of Solution Chemistry</i> , 2010, 39, 417-430.	0.6	9
115	Spectral and Mechanistic Investigation of Osmium(VIII) Catalyzed Oxidation of Diclofenac Sodium by the Copper(III) Periodate Complex in Aqueous Alkaline Medium. <i>Journal of Solution Chemistry</i> , 2010, 39, 1291-1310.	0.6	4
116	Investigation of the mechanism of oxidation of l-cystine by diperiodatoargentate(III) in aqueous alkaline medium by stopped flow technique. <i>Transition Metal Chemistry</i> , 2010, 35, 55-63.	0.7	2
117	Kinetics and mechanism of uncatalysed and ruthenium(III)-catalysed oxidation of d-panthenol by alkaline permanganate. <i>Transition Metal Chemistry</i> , 2010, 35, 237-246.	0.7	11
118	Pharmacokinetic study on the mechanism of interaction of sulfacetamide sodium with bovine serum albumin: a spectroscopic method. <i>Biopharmaceutics and Drug Disposition</i> , 2010, 31, 120-128.	1.1	12
119	Ruthenium(III)-mediated oxidation of D-mannitol by cerium(IV) in aqueous sulfuric acid medium: A kinetic and mechanistic approach. <i>International Journal of Chemical Kinetics</i> , 2010, 42, 440-452.	1.0	13
120	Oxidation of diclofenac sodium by diperiodatoargentate(III) in aqueous alkaline medium and its determination in urine and blood by kinetic methods. <i>International Journal of Chemical Kinetics</i> , 2010, 42, 336-346.	1.0	2
121	Osmium(VIII) catalysed and uncatalysed oxidation of aspirin drug by diperiodatocuprate(III) complex in aqueous alkaline medium: A mechanistic approach. <i>Polyhedron</i> , 2010, 29, 1443-1452.	1.0	4
122	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
123	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
124	Osmium(VIII) Catalyzed Oxidation of DL-Ornithine Monohydrochloride by a New Oxidant, Diperiodatoargentate(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
125	Oxidation of 6-Aminopenicillanic Acid by Diperiodatoargentate(III) in Aqueous Alkaline Medium: A Kinetic and Mechanistic Study. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 9666-9672.	1.8	1
126	Mechanistic Study on the Oxidation of 4-Hydroxycoumarin by Diperiodatonickelate(IV) in Aqueous Alkaline Medium. <i>E-Journal of Chemistry</i> , 2009, 6, 601-610.	0.4	4



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127	Kinetics and Mechanism of the Oxidation of Tyrosine by Diperoatoargentate(III) in Aqueous Alkaline Medium. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 637-644.	0.6	6
128	Ruthenium(III) mediated oxidation of glycerol by cerium(IV) in aqueous sulfuric acid medium – a kinetic and mechanistic study. <i>Main Group Chemistry</i> , 2009, 8, 283-298.	0.4	4
129	Oxidation of L-tryptophan by Ag(III) complex in alkali media: a kinetic, mechanistic approach. <i>Main Group Chemistry</i> , 2009, 8, 307-321.	0.4	0
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