

Sharanappa T Nandibewoor

List of Publications by Year in descending order

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230
papers

3,658
citations

126708

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230
docs citations

230
times ranked

2695
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic, mechanistic and spectral studies for the oxidation of sulfanilic acid by alkaline hexacyanoferrate(III). <i>Tetrahedron</i> , 2003, 59, 7595-7602.	1.0	122
2	Multi-spectroscopic characterization of bovine serum albumin upon interaction with atomoxetine. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 148-155.	2.4	98
3	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
4	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
5	Electro-oxidation and determination of gabapentin at gold electrode. <i>Journal of Electroanalytical Chemistry</i> , 2009, 635, 51-57.	1.9	82
6	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
7	Interaction of Hydralazine with Human Serum Albumin and Effect of β -Cyclodextrin on Binding: Insights from Spectroscopic and Molecular Docking Techniques. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5454-5464.	1.8	68
8	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
9	Multi-spectroscopic investigation of the binding interaction of fosfomicin with bovine serum albumin. <i>Journal of Pharmaceutical Analysis</i> , 2015, 5, 249-255.	2.4	67
10	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
11	Osmium(VIII)/ruthenium(III) catalysis of periodate oxidation of acetaldehyde in aqueous alkaline medium. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 171-176.	0.9	52
12	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
13	Electrochemical characterization and determination of paclitaxel drug using graphite pencil electrode. <i>Electrochimica Acta</i> , 2014, 116, 326-333.	2.6	46
14	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
15	Voltammetric oxidation and determination of cinnarizine at glassy carbon electrode modified with multi-walled carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 72, 259-265.	2.5	43
16	Kinetic, mechanistic and spectral investigations of ruthenium(III)/osmium(VIII)-catalysed oxidation of paracetamol by alkaline diperiodatoargentate(III) (stopped flow technique). <i>Applied Catalysis A: General</i> , 2006, 305, 79-89.	2.2	42
17	Oxidation of mandelic acid by alkaline potassium permanganate. A kinetic study. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 448-454.	0.9	41
18	Investigation of binding behaviour of procainamide hydrochloride with human serum albumin using synchronous, 3D fluorescence and circular dichroism. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 103-109.	2.4	40

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19	Kinetics and mechanism of the reactions of Pd(II) complexes with azoles and diazines. Crystal structure of [Pd(bpma)(H ₂ O)](ClO ₄) ₂ ·2H ₂ O. Dalton Transactions, 2006, , 2984-2990.	1.6	39
20	Oxidative transformation of ciprofloxacin by alkaline permanganate – A kinetic and mechanistic study. Polyhedron, 2007, 26, 4877-4885.	1.0	37
21	Kinetics of osmium(VIII) catalysis of periodate oxidation of DMF in aqueous alkaline medium. Transition Metal Chemistry, 1994, 19, 215-217.	0.7	36
22	Title is missing!. Transition Metal Chemistry, 1997, 22, 193-196.	0.7	36
23	Kinetic, mechanistic and spectral investigations of ruthenium(III)-catalysed oxidation of 4-hydroxycoumarin by alkaline diperiodatonicckelate(IV) (stopped flow technique). Journal of Molecular Catalysis A, 2005, 234, 137-143.	4.8	36
24	Kinetics and Mechanism of the Oxidation of Vanillin by Hexacyanoferrate(III) in Aqueous Alkaline Medium. Journal of Solution Chemistry, 2006, 35, 51-62.	0.6	35
25	Oxidation of vanillin by diperiodatocuprate(III) in aqueous alkaline medium: A kinetic and mechanistic study by stopped flow technique. International Journal of Chemical Kinetics, 2007, 39, 236-244.	1.0	35
26	Development of Electrochemical Method for the Determination of Chlorzoxazone Drug and its Analytical Applications to Pharmaceutical Dosage Form and Human Biological Fluids. Industrial & Engineering Chemistry Research, 2012, 51, 111-118.	1.8	35
27	Simultaneous electrochemical determination of 4-aminophenazone and caffeine at electrochemically pre-treated graphite pencil electrode. Analytical Methods, 2014, 6, 5147.	1.3	35
28	MWCNTs-CTAB modified glassy carbon electrode as a sensor for the determination of paracetamol. RSC Advances, 2015, 5, 49045-49053.	1.7	35
29	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
30	Binding interaction and conformational changes of human serum albumin with ranitidine studied by spectroscopic and time-resolved fluorescence methods. Journal of the Iranian Chemical Society, 2016, 13, 1325-1338.	1.2	35
31	Kinetics and Oxidation of Fluoroquinolone Antibacterial Agent, Norfloxacin, by Alkaline Permanganate: A Mechanistic Study. Industrial & Engineering Chemistry Research, 2009, 48, 2548-2555.	1.8	34
32	Electrochemical determination of a hemorheologic drug, pentoxifylline at a multi-walled carbon nanotube paste electrode. Bioelectrochemistry, 2012, 83, 1-7.	2.4	34
33	Spectroscopic studies on the interaction between chalcone and bovine serum albumin. Journal of Luminescence, 2013, 143, 484-491.	1.5	34
34	Evaluation of the binding interaction between bovine serum albumin and dimethyl fumarate, an anti-inflammatory drug by multispectroscopic methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 156, 164-171.	2.0	34
35	Spectral characterization of the binding and conformational changes of bovine serum albumin upon interaction with an anti-fungal drug, methylparaben. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 105, 418-423.	2.0	33
36	Electrochemical Behavior of Graphene-Based Sensors on the Redox Mechanism of Aspirin. Electroanalysis, 2014, 26, 831-839.	1.5	32

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37	Kinetics and mechanistic study of the ruthenium(III) catalyzed oxidative deamination and decarboxylation of L-valine by alkaline permanganate. Canadian Journal of Chemistry, 2001, 79, 1926-1933.	0.6	31
38	Kinetics and mechanistic study of the ruthenium(III) catalyzed oxidative deamination and decarboxylation of L-valine by alkaline permanganate. Canadian Journal of Chemistry, 2001, 79, 1926-1933.	0.6	29
39	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
40	Mechanistic study of iodide catalysed oxidation of l-glutamic acid by cerium(IV) in aqueous sulphuric acid medium. Transition Metal Chemistry, 2007, 32, 634-641.	0.7	28
41	Electrocatalytic redox behavior of graphene films towards acebutolol hydrochloride determination in real samples. New Journal of Chemistry, 2016, 40, 3763-3772.	1.4	28
42	Mechanistic Study of Oxidation of Palladium(II) by Cerium(IV) in Aqueous Acid. Transition Metal Chemistry, 2006, 31, 186-193.	0.7	27
43	Electrochemical Oxidation of Pentoxifylline and its Analysis in Pure and Pharmaceutical Formulations at a Glassy Carbon Electrode. Analytical Letters, 2008, 41, 977-991.	1.0	26
44	Kinetic and Mechanistic Investigations on Oxidation of L-tryptophan by Diperoiodocuprate(III) in Aqueous Alkaline Medium. Zeitschrift Fur Physikalische Chemie, 2009, 223, 299-317.	1.4	26
45	Elucidation of binding mechanism of hydroxyurea on serum albumins by different spectroscopic studies. SpringerPlus, 2014, 3, 360.	1.2	26
46	Ruthenium(III) catalysed oxidation of gabapentin (neurontin) by diperoiodocuprate(III) in aqueous alkaline medium—A kinetic and mechanistic study. Journal of Molecular Catalysis A, 2007, 267, 65-71.	4.8	25
47	Chromium(III)-catalysed oxidation of antimony(III) by alkaline hexacyanoferrate(III) and analysis of chromium(III) in microamounts by a kinetic method. Journal of the Chemical Society Dalton Transactions, 1995, , 483.	1.1	24
48	Title is missing!. Transition Metal Chemistry, 2002, 27, 207-212.	0.7	24
49	Electrochemical Oxidation and Determination of Theophylline at a Carbon Paste Electrode Using Cetyltrimethyl Ammonium Bromide as Enhancing Agent. Analytical Letters, 2009, 42, 2665-2682.	1.0	24
50	Title is missing!. Transition Metal Chemistry, 2002, 27, 532-540.	0.7	23
51	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
52	Interaction between carisoprodol and bovine serum albumin and effect of β -cyclodextrin on binding: insights from molecular docking and spectroscopic techniques. RSC Advances, 2016, 6, 63463-63471.	1.7	23
53	Oxidation of chromium(III) by alkaline hexacyanoferrate(III). Transition Metal Chemistry, 1991, 16, 335-338.	0.7	22
54	Comparative study of the chromium(III) catalysed oxidation of l-leucine and l-isoleucine by alkaline permanganate: A kinetic and mechanistic approach. Journal of Molecular Catalysis A, 2005, 232, 21-28.	4.8	22

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55	Os(VIII)/Ru(III) catalysed oxidation of aspirin drug by a new oxidant, diperiodatoargentate(III) in aqueous alkaline medium: A comparative kinetic study. <i>Journal of Molecular Catalysis A</i> , 2006, 248, 163-174.	4.8	22
56	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
57	Study of fluorescence interaction and conformational changes of bovine serum albumin with histamine H_1 receptor drug epinastine hydrochloride by spectroscopic and time-resolved fluorescence methods. <i>Biopolymers</i> , 2015, 103, 646-657.	1.2	22
58	Oxidation of allyl alcohol by alkaline periodate in the presence of micro amounts of palladium(II). <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 31-35.	0.9	21
59	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
60	Electrochemical Behavior of 4-Aminophenazone Drug at a Graphite Pencil Electrode and Its Application in Real Samples. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 15936-15941.	1.8	21
61	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
62	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 28-35.	0.7	20
63	A kinetic and mechanistic study on oxidation of Isoniazid drug by alkaline diperiodatocuprate(III) - A free radical intervention. <i>Transition Metal Chemistry</i> , 2006, 31, 1034-1039.	0.7	20
64	Osmium(VIII)/Ruthenium(III) Catalysed Oxidation of l-lysine by Diperiodatocuprate(III) in Aqueous Alkaline Medium: A Comparative Mechanistic Approach by Stopped Flow Technique. <i>Catalysis Letters</i> , 2008, 122, 144-154.	1.4	20
65	Mechanistic investigation on the oxidation of ampicillin drug by diperiodatoargentate (III) in aqueous alkaline medium. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 234-240.	0.9	20
66	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
67	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 662-667.	0.7	19
68	Title is missing!. <i>Transition Metal Chemistry</i> , 2003, 28, 199-208.	0.7	19
69	Oxidation of Isoniazid by Quinolinium Dichromate in an Aqueous Acid Medium and Kinetic Determination of Isoniazid in Pure and Pharmaceutical Formulations. <i>Analytical Sciences</i> , 2004, 20, 743-747.	0.8	18
70	Kinetics and mechanism of uncatalysed and ruthenium(III) catalysed oxidation of allyl alcohol by diperiodatoargentate(III) in aqueous alkaline medium. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 55-64.	0.9	18
71	Electrochemical Oxidation and Determination of Nimesulide Using a Carbon Paste Electrode. <i>Zeitschrift Fur Physikalische Chemie</i> , 2013, 227, 73-88.	1.4	18
72	Title is missing!. <i>Transition Metal Chemistry</i> , 2003, 28, 209-216.	0.7	17

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73	Chromium(III)-catalysed cerium(IV) oxidation of arsenic(III) in aqueous sulphuric acid. Journal of the Chemical Society Dalton Transactions, 1987, , 573.	1.1	16
74	Manganese(II) catalysed oxidation of glycerol by cerium(IV) in aqueous sulphuric acid medium: a kinetic and mechanistic study. Transition Metal Chemistry, 2009, 34, 711-718.	0.7	16
75	Structure reactivity and thermodynamic analysis on the oxidation of ampicillin drug by copper(III) complex in aqueous alkaline medium (stopped-flow technique). Journal of Molecular Structure, 2009, 930, 180-186.	1.8	16
76	Osmium(VIII)/palladium(II) catalysis of cerium(IV) oxidation of allyl alcohol in aqueous acid. Transition Metal Chemistry, 1991, 16, 430-434.	0.7	15
77	Oxidation of Vanillin by a New Oxidant Diperiodatoargentate(III) in Aqueous Alkaline Medium. Industrial & Engineering Chemistry Research, 2007, 46, 1459-1464.	1.8	15
78	Mechanistic aspects of uncatalysed and Os(VIII) catalysed oxidation of 5-fluorouracil – An anticancer drug by alkaline diperiodatoargentate(III). Inorganica Chimica Acta, 2009, 362, 2270-2278.	1.2	15
79	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
80	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
81	Kinetics and Mechanism of Oxidation of Bromate by Diperiodatonickelate(IV) in Aqueous Alkaline Medium – A Simple Method for Formation of Perbromate. Inorganic Reaction Mechanisms, 2002, 4, 103-109.	0.4	14
82	Voltammetric Behavior of Chlorzoxazone and Its Electroanalytical Determination in Pharmaceutical Dosage Form and Urine at Gold Electrode. Critical Reviews in Analytical Chemistry, 2012, 42, 272-281.	1.8	14
83	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
84	Kinetic, mechanistic and spectral investigation of ruthenium (III)-catalysed oxidation of atenolol by alkaline permanganate (stopped-flow technique). Journal of Chemical Sciences, 2005, 117, 33-42.	0.7	13
85	Mechanism of Oxidation of L-Histidine by Heptavalent Manganese in Alkaline Medium. E-Journal of Chemistry, 2005, 2, 75-85.	0.4	13
86	Oxidative degradation and deamination of atenolol by diperiodatocuprate(III) in aqueous alkaline medium: A mechanistic study. Polyhedron, 2009, 28, 3499-3506.	1.0	13
87	Ruthenium(III)-mediated oxidation of D-mannitol by cerium(IV) in aqueous sulfuric acid medium: A kinetic and mechanistic approach. International Journal of Chemical Kinetics, 2010, 42, 440-452.	1.0	13
88	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. Industrial & Engineering Chemistry Research, 2013, 52, 9011-9020.	1.8	13
89	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
90	Title is missing!. Transition Metal Chemistry, 2000, 25, 394-399.	0.7	12

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91	Spectral and Mechanistic Study of the Ruthenium(III) Catalysed Oxidation of Gabapentin (Neurontin) by Heptavalent Manganese: A Free Radical Intervention. <i>Catalysis Letters</i> , 2004, 97, 91-98.	1.4	12
92	Kinetics of ruthenium(III)-catalysed oxidation of paracetamol by diperiodatonickelate(IV) in aqueous alkaline medium (stopped flow technique). <i>Applied Catalysis A: General</i> , 2006, 314, 208-215.	2.2	12
93	Osmium(VIII) catalysed oxidation of l-leucine by a new oxidant, diperiodatoargentate(III) in aqueous alkaline medium. <i>Journal of Molecular Catalysis A</i> , 2007, 271, 253-260.	4.8	12
94	A kinetic and mechanistic study of the oxidation of tyrosine by chromium(VI) in aqueous perchloric acid medium. <i>Transition Metal Chemistry</i> , 2008, 33, 405-410.	0.7	12
95	Mechanistic study of cerium(IV) oxidation of antimony(III) in aqueous sulphuric acid in the presence of micro amounts of manganese(II) by stopped flow technique. <i>Transition Metal Chemistry</i> , 2008, 33, 625-633.	0.7	12
96	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
97	Electrochemical response of hydroxyurea by different voltammetric techniques at carbon paste electrode. <i>Analytical Methods</i> , 2013, 5, 6947.	1.3	12
98	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 241-245.	0.7	11
99	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 704-711.	0.7	11
100	Palladium(II) Catalysed Oxidation of l-proline by Heptavalent Manganese in Aqueous Alkaline Medium: A Free Radical Intervention and Decarboxylation. <i>Transition Metal Chemistry</i> , 2006, 31, 541-548.	0.7	11
101	Ruthenium(III) catalysed oxidation of l-leucine by a new oxidant, diperiodatoargentate(III) in aqueous alkaline medium. <i>Polyhedron</i> , 2007, 26, 1731-1739.	1.0	11
102	Mechanistic investigations on the oxidation of l-valine by diperiodatocuprate(III) in aqueous alkaline medium: a kinetic model. <i>Transition Metal Chemistry</i> , 2009, 34, 143-152.	0.7	11
103	Kinetic and Mechanistic Investigations of Oxidation of Pentoxifylline Drug by Alkaline Permanganate. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 7025-7031.	1.8	11
104	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
105	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
106	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
107	Characterization of the binding and conformational changes of bovine serum albumin upon interaction with antihypertensive olmesartan medoxomil. <i>Journal of Molecular Structure</i> , 2019, 1179, 269-277.	1.8	11
108	Osmium(VIII) catalyzed oxidation of a sulfur containing amino acid—a kinetics and mechanistic approach. <i>Journal of Sulfur Chemistry</i> , 2006, 27, 25-36.	1.0	10

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109	Ruthenium(III) catalysed oxidation of gabapentin (neurontin) by diperiodatonickelate(IV) in aqueous alkaline medium: A kinetic and mechanistic study. <i>Journal of Molecular Catalysis A</i> , 2007, 269, 246-253.	4.8	10
110	A kinetic and mechanistic study on the oxidation of L-cystine by alkaline diperiodatocuprate(III): A free radical intervention. <i>Kinetics and Catalysis</i> , 2009, 50, 530-539.	0.3	10
111	Fluorescent bovine serum albumin interacting with the antitussive quencher dextromethorphan: a spectroscopic insight. <i>Luminescence</i> , 2016, 31, 843-850.	1.5	10
112	Biomolecular interaction study of hydralazine with bovine serum albumin and effect of 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
113	Binding of fexofenadine hydrochloride to bovine serum albumin: structural considerations by spectroscopic techniques and molecular docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1200-1214.	2.0	10
114	Kinetics and mechanism of oxidation of 1,10-phenanthroline by alkaline permanganate. <i>Journal of Physical Organic Chemistry</i> , 1999, 12, 340-346.	0.9	9
115	Kinetic and Mechanistic Study of the Oxidative Deamination and Decarboxylation of L-Valine by Alkaline Permanganate. <i>Monatshefte für Chemie</i> , 2000, 131, 739-748.	0.9	9
116	Kinetics of oxidative degradation of pantothenic acid by cerium(IV) in aqueous perchloric acid. <i>Transition Metal Chemistry</i> , 2002, 27, 807-812.	0.7	9
117	Oxidation of l-Leucine by Alkaline Diperiodatoargentate(III) Deamination and Decarboxylation: A Kinetic and Mechanistic Study. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 8029-8035.	1.8	9
118	Mechanistic study of quinoliniumdichromate (QDC) oxidation of mercury(I) in aqueous sulfuric acid in the presence of micro amounts of palladium(II) as Autocatalysis in catalysis. <i>Polyhedron</i> , 2006, 25, 2976-2984.	1.0	9
119	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
120	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
121	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
122	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
123	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
124	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
125	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
126	Electrochemical studies for the determination of an antibiotic drug, cycloserine, in pharmaceutical and human biological samples. <i>Journal of Taibah University for Science</i> , 2016, 10, 92-99.	1.1	9

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127	Kinetics of vanadium (V) catalyzed oxidation of gallic acid by potassium bromate in acid medium. <i>International Journal of Chemical Kinetics</i> , 1996, 28, 673-679.	1.0	8
128	Kinetics and Mechanism of the Oxidation of 1,10-Phenanthroline by Diperoxonickelate(IV) in Aqueous Alkaline Medium. <i>Monatshefte für Chemie</i> , 2000, 131, 1129-1137.	0.9	8
129	Kinetic and Mechanistic Study of Oxidation of Sulfamethoxazole by Alkaline Permanganate. <i>Inorganic Reaction Mechanisms</i> , 2002, 3, 239-247.	0.4	8
130	Kinetics and Mechanism of Oxidation of L-Leucine by Alkaline Diperoxonickelate(IV) ? A Free Radical Intervention, Deamination, and Decarboxylation. <i>Monatshefte für Chemie</i> , 2003, 134, 1341-1352.	0.9	8
131	Thermodynamic quantities for the oxidation of ranitidine by diperoxonocuprate(III) in aqueous alkaline medium. <i>Transition Metal Chemistry</i> , 2008, 33, 981-988.	0.7	8
132	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
133	Kinetics and Mechanism of Permanganate Oxidation of Clopidogrel Hydrogen Sulfate: An Antiplatelet Drug in Acid Perchlorate Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 10962-10971.	1.8	8
134	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
135	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
136	Catalytic Activity of Ruthenium(III) and Thermodynamic Study of Oxidative Degradation of Chloramphenicol by Cerium(IV) in Sulfuric Acid Medium. <i>Journal of Solution Chemistry</i> , 2015, 44, 152-169.	0.6	8
137	Mechanistic Investigations of Uncatalyzed and Ruthenium(III) Catalyzed Oxidation of Vanillin by Periodate in Aqueous Alkaline Medium. <i>Journal of Solution Chemistry</i> , 2015, 44, 1205-1223.	0.6	8
138	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
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