

Bidyut Saha

List of Publications by Year in descending order

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136
papers

4,572
citations

136950

32
h-index

123424

61
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143
all docs

143
docs citations

143
times ranked

3618
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources and toxicity of hexavalent chromium. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1782-1806.	2.2	593
2	Biosorbents for hexavalent chromium elimination from industrial and municipal effluents. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2959-2972.	18.8	474
3	A review on natural surfactants. <i>RSC Advances</i> , 2015, 5, 65757-65767.	3.6	281
4	A review on sources, toxicity and remediation technologies for removing arsenic from drinking water. <i>Research on Chemical Intermediates</i> , 2014, 40, 447-485.	2.7	189
5	Sources and toxicity of fluoride in the environment. <i>Research on Chemical Intermediates</i> , 2013, 39, 2881-2915.	2.7	157
6	Removal of hexavalent chromium from water by adsorption on mosambi (<i>Citrus limetta</i>) peel. <i>Research on Chemical Intermediates</i> , 2013, 39, 2245-2257.	2.7	93
7	Surfactant for better tomorrow: applied aspect of surfactant aggregates from laboratory to industry. <i>Research on Chemical Intermediates</i> , 2019, 45, 6021-6041.	2.7	83
8	Modernization of surfactant chemistry in the age of gemini and bio-surfactants: a review. <i>RSC Advances</i> , 2015, 5, 92707-92718.	3.6	80
9	Toxicity of inorganic vanadium compounds. <i>Research on Chemical Intermediates</i> , 2015, 41, 4873-4897.	2.7	74
10	A review on the advancement of ether synthesis from organic solvent to water. <i>RSC Advances</i> , 2016, 6, 69605-69614.	3.6	72
11	Review of the aldol reaction. <i>Synthetic Communications</i> , 2016, 46, 1327-1342.	2.1	66
12	A comprehensive review on the sources, essentiality and toxicological profile of nickel. <i>RSC Advances</i> , 2022, 12, 9139-9153.	3.6	63
13	Chromium removal technologies. <i>Research on Chemical Intermediates</i> , 2013, 39, 2267-2286.	2.7	61
14	Removal of hexavalent chromium from contaminated water by adsorption using mango leaves (<i>Mangifera indica</i>). <i>Desalination and Water Treatment</i> , 2014, 52, 1928-1936.	1.0	54
15	Suitable combination of promoter and micellar catalyst for kilo fold rate acceleration on propanol to propionaldehyde conversion in aqueous media. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 345-355.	5.8	47
16	Micellar catalysis on 1,10-phenanthroline promoted hexavalent chromium oxidation of ethanol. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3729-3739.	2.2	45
17	Kinetics of micellar catalysis on oxidation of p-anisaldehyde to p-anisic acid in aqueous medium at room temperature. <i>Chemical Engineering Science</i> , 2013, 99, 23-27.	3.8	45
18	Extraction of Natural Surfactant Saponin from Soapnut (<i>Sapindus mukorossi</i>) and its Utilization in the Remediation of Hexavalent Chromium from Contaminated Water. <i>Tenside, Surfactants, Detergents</i> , 2017, 54, 519-529.	1.2	45

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19	Review on chemically bonded geminis with cationic heads: second-generation interfactants. <i>Research on Chemical Intermediates</i> , 2016, 42, 1913-1928.	2.7	43
20	Kinetics and mechanism of 2,2'-bipyridyl and 1,10-phenanthroline-catalysed chromium(VI) oxidation of d-fructose in aqueous micellar media. <i>Journal of Molecular Catalysis A</i> , 2005, 236, 260-266.	4.8	41
21	Kinetics and mechanism of picolinic acid promoted chromic acid oxidation of maleic acid in aqueous micellar media. <i>Journal of Molecular Catalysis A</i> , 2007, 266, 21-30.	4.8	40
22	Combination of best promoter and micellar catalyst for more than kilo-fold rate acceleration in favor of chromic acid oxidation of d-galactose to d-galactonic acid in aqueous media at room temperature. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116, 524-531.	3.9	40
23	Oxidation of d-glucose in the presence of 2,2'-bipyridine by CrVI in aqueous micellar media: a kinetic study. <i>Carbohydrate Research</i> , 2005, 340, 2163-2170.	2.3	37
24	Surfactant-assisted bioremediation of hexavalent chromium by use of an aqueous extract of sugarcane bagasse. <i>Research on Chemical Intermediates</i> , 2014, 40, 1727-1734.	2.7	37
25	Properties and applications of amphoteric surfactant: A concise review. <i>Journal of Surfactants and Detergents</i> , 2021, 24, 709-730.	2.1	37
26	Application of Chattim tree (devil tree, <i>Alstonia scholaris</i>) saw dust as a biosorbent for removal of hexavalent chromium from contaminated water. <i>Canadian Journal of Chemical Engineering</i> , 2013, 91, 814-821.	1.7	36
27	Selective heteroaromatic nitrogen base promoted chromium(VI) oxidation of isomeric pentanols in aqueous micellar media at room temperature. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 42, 53-62.	5.8	36
28	Biodegradability and biocompatibility: Advancements in synthetic surfactants. <i>Journal of Molecular Liquids</i> , 2021, 324, 115105.	4.9	36
29	A review on toxic cadmium biosorption from contaminated wastewater. <i>Desalination and Water Treatment</i> , 2015, 53, 413-420.	1.0	35
30	Suitable combination of promoter and micellar catalyst for kilo fold rate acceleration on benzaldehyde to benzoic acid conversion in aqueous media at room temperature: A kinetic approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 109, 55-67.	3.9	34
31	Micellar effect on the reaction of chromium(VI) oxidation of D-fructose in the presence and absence of picolinic acid in aqueous media: a kinetic study. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 333-342.	1.9	33
32	Micellar catalysis on picolinic acid promoted hexavalent chromium oxidation of glycerol. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1158-1177.	2.2	33
33	Efficient combination of promoter and catalyst for chromic acid oxidation of propan-2-ol to acetone in aqueous acid media at room temperature. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 101, 294-305.	3.9	32
34	Novel Amphiphiles and Their Applications for Different Purposes with Special Emphasis on Polymeric Surfactants. <i>ChemistrySelect</i> , 2019, 4, 6978-6995.	1.5	32
35	Effect of CHAPS and CPC micelles on Ir(III) catalyzed Ce(IV) oxidation of aliphatic alcohols at room temperature and pressure. <i>Journal of Molecular Liquids</i> , 2014, 196, 223-237.	4.9	31
36	Kinetics and mechanism of 2,2'-bipyridine-catalyzed chromium(VI) oxidation of propan-2-ol in the presence and absence of surfactants. <i>Journal of Coordination Chemistry</i> , 2010, 63, 99-105.	2.2	30

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37	A review of biphasic hydroformylation for long chain substrates. <i>Research on Chemical Intermediates</i> , 2013, 39, 3463-3474.	2.7	30
38	Potential application of Micellar nanoreactor for electron transfer reactions mediated by a variety of oxidants: A review. <i>Advances in Colloid and Interface Science</i> , 2020, 284, 102241.	14.7	30
39	Micellar Effect on the Reaction of Chromium(VI) Oxidation of L-Sorbose in the Presence and Absence of Picolinic Acid in Aqueous Acid Media: A Kinetic Study. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 399-408.	1.4	29
40	Selection of Suitable Combination of Nonfunctional Micellar Catalyst and Heteroaromatic Nitrogen Base as Promoter for Chromic Acid Oxidation of Ethanol to Acetaldehyde in Aqueous Medium at Room Temperature. <i>International Journal of Chemical Kinetics</i> , 2013, 45, 175-186.	1.6	29
41	Rate enhancement via micelle encapsulation for room temperature metal catalyzed Ce(IV) oxidation of formaldehyde to formic acid in aqueous medium at atmospheric pressure: A kinetic approach. <i>Journal of Molecular Liquids</i> , 2013, 186, 122-130.	4.9	28
42	Rate enhancement via sodium dodecyl sulfate (SDS) encapsulation of metal-mediated cerium(IV) oxidation of d-mannitol to d-mannose at room temperature and pressure: a kinetic and mechanistic approach. <i>Research on Chemical Intermediates</i> , 2016, 42, 2619-2639.	2.7	28
43	Micellar catalysed and heteroaromatic base promoted rate enhancement of oxidation of an alicyclic alcohol in aqueous medium. <i>Journal of Molecular Liquids</i> , 2019, 277, 360-371.	4.9	28
44	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 630-637.	1.4	27
45	Role of surfactants on metal mediated cerium(IV) oxidation of valeraldehyde at room temperature and pressure. <i>Journal of Molecular Liquids</i> , 2015, 211, 48-62.	4.9	27
46	Microbial assisted (<i>Pseudomonas</i> sp.) production of novel bio-surfactant rhamnolipids and its characterisation by different spectral studies. <i>Journal of Molecular Liquids</i> , 2017, 242, 873-878.	4.9	27
47	Ru(III) catalysed oxidation of 2-propanol by Cr(VI) in micellar media. <i>Journal of Molecular Liquids</i> , 2019, 290, 111247.	4.9	27
48	Choice of a suitable hetero-aromatic nitrogen base as promoter for chromic acid oxidation of dl-mandelic acid in aqueous media at room temperature. <i>Research on Chemical Intermediates</i> , 2013, 39, 631-643.	2.7	26
49	Micellar effect on hetero-aromatic nitrogen base promoted chromic acid oxidation of 1,3-propanediol in aqueous media at room temperature. <i>Journal of Molecular Liquids</i> , 2017, 225, 207-216.	4.9	26
50	Surfactant-promoted enhancement in bioremediation of hexavalent chromium to trivalent chromium by naturally occurring wall algae. <i>Research on Chemical Intermediates</i> , 2017, 43, 1619-1634.	2.7	26
51	Combination of best promoter and catalyst for hypervalent chromium oxidation of l-sorbose to lactone of C5 aldonic acid in aqueous media at room temperature. <i>Journal of Molecular Liquids</i> , 2013, 179, 1-6.	4.9	25
52	Effect of CPC micelle on N-hetero-aromatic base promoted room temperature permanganate oxidation of 2-butanol in aqueous medium. <i>Journal of Molecular Liquids</i> , 2014, 198, 369-380.	4.9	25
53	Rate enhancement via micelle encapsulation for room temperature metal catalyzed Ce(IV) oxidation of p-chlorobenzaldehyde to p-chlorobenzoic acid in aqueous medium at atmospheric pressure. <i>Journal of Molecular Liquids</i> , 2014, 190, 81-93.	4.9	25
54	Micelle catalyzed oxidation of propan-2-ol to acetone by penta-valent vanadium in aqueous acid media. <i>Molecular Physics</i> , 2009, 107, 615-619.	1.7	23

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55	Combined effect of promoter and surfactant on the chromium(VI) oxidation of D-ribose in aqueous media at room temperature. <i>Journal of Carbohydrate Chemistry</i> , 2016, 35, 86-105.	1.1	23
56	Mixed anionic-nonionic micelle catalysed oxidation of aliphatic alcohol in aqueous medium. <i>Journal of Molecular Liquids</i> , 2020, 303, 112655.	4.9	23
57	Micellar catalysis of chromium(VI) oxidation of ethane-1,2-diol in the presence and absence of 2,2'-bipyridine in aqueous acid media. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1871-1878.	2.2	22
58	Micellar catalysed oxidation of hydrophobic fatty alcohol in aqueous medium. <i>Journal of Molecular Liquids</i> , 2019, 293, 111475.	4.9	22
59	Micelle catalysed conversion of "on water"™ reactions into "in water"™ one. <i>Journal of Molecular Liquids</i> , 2021, 321, 114897.	4.9	22
60	Comprehensive Review on Applications of Surfactants in Vaccine Formulation, Therapeutic and Cosmetic Pharmacy and Prevention of Pulmonary Failure due to COVID-19. <i>Chemistry Africa</i> , 2022, 5, 459-480.	2.4	22
61	Micellar Catalysis on Pentavalent Vanadium Ion Oxidation of D-Sorbitol in Aqueous Acid Media: Kinetic Study. <i>Journal of Solution Chemistry</i> , 2008, 37, 1321-1328.	1.2	21
62	Micellar Catalysis on 1,10-Phenanthroline Promoted Chromic Acid Oxidation of Glycerol in Aqueous Media. <i>Tenside, Surfactants, Detergents</i> , 2012, 49, 370-375.	1.2	21
63	Best combination of promoter and micellar catalyst for the rapid conversion of sorbitol to glucose. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 204-208.	3.9	21
64	Micellar effects on the reaction of Cr(VI) oxidation of hexitols in the presence and absence of picolinic acid in aqueous acid media. <i>Journal of Chemical Research</i> , 2003, 2003, 658-661.	1.3	20
65	Micellar effect on quinquivalent vanadium ion oxidation of D-glucose in aqueous acid media: A kinetic study. <i>International Journal of Chemical Kinetics</i> , 2008, 40, 282-286.	1.6	20
66	Surfactant-assisted bioremediation of hexavalent chromium from contaminated water. <i>Desalination and Water Treatment</i> , 2015, 53, 746-751.	1.0	19
67	Employment and resurrection of surfactants in bipyridine promoted oxidation of butanal using bivalent copper at NTP. <i>Research on Chemical Intermediates</i> , 2017, 43, 1651-1670.	2.7	19
68	The influence of SDS micelle on the oxidative transformation of propanol to propionaldehyde by quinquivalent vanadium in aqueous medium at room temperature. <i>Research on Chemical Intermediates</i> , 2015, 41, 7775-7784.	2.7	18
69	A Review of Biopolymers'™ Utility as Emulsion Stabilizers. <i>Polymers</i> , 2022, 14, 127.	4.5	18
70	Micellar catalysis of quinquivalent vanadium oxidation of methanol to formaldehyde in aqueous medium. <i>Research on Chemical Intermediates</i> , 2015, 41, 5565-5586.	2.7	17
71	A Comparative Spectral Study on the Interaction of Organic Dye Congo-Red with Selective Aqueous Micellar Media of CPC, Rhamnolipids and Saponin. <i>Tenside, Surfactants, Detergents</i> , 2020, 57, 401-407.	1.2	17
72	Kinetic Studies on Hexavalent Chromium Reduction. <i>American Journal of Analytical Chemistry</i> , 2010, 01, 25-30.	0.9	17

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73	Micellar Catalysis on 1,10-Phenanthroline Promoted Chromic Acid Oxidation of Propanol in Aqueous Media. <i>Journal of the Korean Chemical Society</i> , 2012, 56, 164-168.	0.2	17
74	Surfactant-assisted enhancement of bioremediation rate for hexavalent chromium by water extract of Sajina (<i>Moringa oleifera</i>) flower. <i>Desalination and Water Treatment</i> , 2015, 54, 525-532.	1.0	16
75	A Review on Micellar Catalyzed Oxidation Reactions of Organic Functional Groups in Aqueous Medium Using Various Transition Metals. <i>Tenside, Surfactants, Detergents</i> , 2019, 56, 516-525.	1.2	16
76	Scientific information about sugar-based emulsifiers: a comprehensive review. <i>RSC Advances</i> , 2021, 11, 33004-33016.	3.6	16
77	Combination of best promoter and micellar catalyst for chromic acid oxidation of 1-butanol to 1-butanal in aqueous media at room temperature. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 130-137.	3.9	15
78	Suitable combination of promoter and micellar catalyst for chromic acid oxidation of formaldehyde to formic acid in aqueous acid media at room temperature. <i>Physics and Chemistry of Liquids</i> , 2015, 53, 146-161.	1.2	15
79	Choice of suitable micellar catalyst for 2,2'-bipyridine-promoted chromic acid oxidation of glycerol to glyceraldehyde in aqueous media at room temperature. <i>Research on Chemical Intermediates</i> , 2015, 41, 3057-3078.	2.7	15
80	Analysis of interaction between glutamic acid and ninhydrin in the presence of acetate buffer solvent: Impact of gemini (twin-headed) surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127061.	4.7	15
81	Chromic acid oxidation of hexitols in the presence of 2,2'-bipyridyl catalyst in aqueous micellar media: A kinetic study. <i>International Journal of Chemical Kinetics</i> , 2006, 38, 531-539.	1.6	14
82	Micellar effect on pentavalent vanadium(V) oxidation of formaldehyde to formic acid in aqueous acid media at room temperature. <i>Research on Chemical Intermediates</i> , 2015, 41, 5331-5352.	2.7	14
83	Employment of different spectroscopic tools for the investigation of chromium(VI) oxidation of acetaldehyde in aqueous micellar medium. <i>Journal of Chemical Sciences</i> , 2017, 129, 637-645.	1.5	14
84	Hetero-aromatic Nitrogen Base Promoted Cr(VI) Oxidation of Butanal in Aqueous Micellar Medium at Room Temperature and Atmospheric Pressure. <i>Journal of Solution Chemistry</i> , 2016, 45, 109-125.	1.2	13
85	Anionic micelles and their ideal binary mixture: Worth media for sustainable oxidation of hydrophobic alcohol. <i>Journal of Molecular Liquids</i> , 2022, 346, 117118.	4.9	13
86	Characterization of Pyrene Solubilization in Selective Micellar Media of Novel Bio-degradable Natural Surfactant Saponin (Extracted from Soap Nut) and Conventional Surfactant SDBS in Presence and Absence of Common Salt NaCl. <i>Tenside, Surfactants, Detergents</i> , 2017, 54, 378-384.	1.2	13
87	Removal of hexavalent chromium by an aromatic alcohol. <i>Journal of Biomedical Science and Engineering</i> , 2010, 03, 735-741.	0.4	13
88	Spectroscopic and Conductometric Analyses of Ninhydrin and Threonine Reaction in Double-Headed Geminis. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 14977-14984.	3.7	13
89	Combination of Best Promoter and Micellar Catalyst for Cr(VI) Oxidation of Lactose to Lactobionic Acid in Aqueous Medium at Room Temperature. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 325-332.	1.2	12
90	Room Temperature Micellar Catalysis on Permanganate Oxidation of Butanol to Butanal in Aqueous Medium at Atmospheric Pressure. <i>Tenside, Surfactants, Detergents</i> , 2015, 52, 36-40.	1.2	12

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91	Combination of Sodium Dodecylsulfate and 2,2'-Bipyridine for Hundred Fold Rate Enhancement of Chromium(VI) Oxidation of Malonic Acid at Room Temperature: A Greener Approach. <i>Journal of Solution Chemistry</i> , 2016, 45, 1043-1060.	1.2	12
92	A study on the synthesis of alkaline copper(III)-periodate (DPC) complex with an overview of its redox behavior in aqueous micellar media. <i>Research on Chemical Intermediates</i> , 2019, 45, 789-800.	2.7	12
93	Kinetic Studies of Glutamic Acid Oxidation by Hexavalent Chromium in Presence of Surfactants. <i>Tenside, Surfactants, Detergents</i> , 2012, 49, 481-487.	1.2	12
94	Micellar Catalysis of the 1,10-Phenanthroline-Promoted Chromic Acid Oxidation of Propan-2-ol in Aqueous Media. <i>Journal of Chemical Research</i> , 2012, 36, 347-350.	1.3	11
95	Micellar Catalysis on Pentavalent Vanadium Ion Oxidation of Ethanol in Aqueous Acid Media. <i>Tenside, Surfactants, Detergents</i> , 2012, 49, 296-299.	1.2	11
96	Hetero-aromatic N-base-promoted oxidation of 4-chlorobenzyl alcohol by Cr(VI) in micellar media. <i>Research on Chemical Intermediates</i> , 2020, 46, 2559-2578.	2.7	11
97	Surface phenomenon in micellar media: An excellent controlling factor for oxidation of fatty aldehyde in aqueous medium. <i>Journal of Molecular Liquids</i> , 2020, 310, 113224.	4.9	11
98	Micellar Catalysis on 1,10-Phenanthroline Promoted Chromic Acid Oxidation of Ethane-1,2-diol in Aqueous Media at Room Temperature. <i>Journal of the Korean Chemical Society</i> , 2012, 56, 720-724.	0.2	11
99	Removal of bromothymol blue dye by the oxidation method using KMnO ₄ : Accelerating the oxidation reaction by Ru (III) catalyst. <i>Journal of Molecular Structure</i> , 2022, 1268, 133679.	3.6	11
100	Kinetics and Mechanism of 2,2'-bipyridine Catalysed Chromium(VI) Oxidation of Dimethyl Sulfoxide in the Presence and Absence of Surfactants. <i>Journal of Chemical Research</i> , 2005, 2005, 471-474.	1.3	10
101	Combination of Best Promoter and Micellar Catalyst for Chromic Acid Oxidation of D-Mannitol to Mannose in Aqueous Media. <i>Tenside, Surfactants, Detergents</i> , 2013, 50, 249-258.	1.2	10
102	Sodium dodecylsulphate-catalyzed hetero-aromatic nitrogen base-promoted chromium(VI) oxidation of 2-propenol to 2-propenal in aqueous media. <i>Research on Chemical Intermediates</i> , 2015, 41, 10151-10168.	2.7	10
103	Role of dimeric gemini surfactant system on kinetic study of alanine amino acid with ninhydrin reaction. <i>Colloid and Polymer Science</i> , 2021, 299, 1285-1294.	2.1	9
104	Catalytic impacts of cationic twin headed and tailed gemini surfactants toward study of glycine and ninhydrin in sodium acetate-acetic acid buffer system. <i>Journal of Molecular Liquids</i> , 2022, 360, 119442.	4.9	9
105	Cooxidation of Formic Acid and Oxalic Acid by Chromium(VI) in Aqueous Acid Media: A Kinetic Study. <i>Journal of Chemical Research</i> , 2001, 2001, 334-335.	1.3	8
106	Picolinic Acid Promoted Permanganate Oxidation of D-Mannitol in Micellar Medium. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 332-346.	1.2	8
107	Micellar Catalysis of Chromic Acid Oxidation of Methionine to Industrially Important Methylthiol in Aqueous Media at Room Temperature. <i>Tenside, Surfactants, Detergents</i> , 2013, 50, 94-98.	1.2	8
108	Synthesis of 2-(ethynyloxy)naphthaene-1-carbaldehyde using 2-hydroxy benzyl alcohol and propargyl bromide in aqueous micellar media. <i>Research on Chemical Intermediates</i> , 2018, 44, 2169-2177.	2.7	7

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109	Selection of Promoter and Micellar Catalyst for Chromic Acid Oxidation of Tartaric Acid in Aqueous Medium at Room Temperature. <i>Tenside, Surfactants, Detergents</i> , 2013, 50, 441-445.	1.2	7
110	Advancement of Cu(III) and Fe(III) directed oxidative transformations: Recent impact of aqueous micellar environment. <i>Journal of Molecular Liquids</i> , 2022, 347, 117993.	4.9	7
111	Surfactant-based therapy against COVID-19: A review. <i>Tenside, Surfactants, Detergents</i> , 2021, 58, 410-415.	1.2	7
112	Combination of the most efficient promoter and micellar catalyst for rate enhancement of chromic acid oxidation on 2-butanol to 2-butanone conversion in aqueous media at room temperature. <i>Research on Chemical Intermediates</i> , 2015, 41, 8527-8544.	2.7	6
113	Optimal Process Condition for Room Temperature Hetero-Aromatic Nitrogen Base Promoted Chromic Acid Oxidation of <i>p</i> -Chlorobenzaldehyde to <i>p</i> -Chlorobenzoic Acid in Aqueous Micellar Medium at Atmospheric Pressure. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 94-104.	1.2	6
114	Surfactant Assisted Enhancement of Bioremediation Rate for Hexavalent Chromium by Water Extract of <i>Siris (Albizia lebbek)</i> Sawdust. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 521-527.	1.2	6
115	Combination of Best Promoter and Micellar Catalyst for Chromic Acid Oxidation of D-Arabinose in Aqueous Media at Room Temperature. <i>Tenside, Surfactants, Detergents</i> , 2015, 52, 502-511.	1.2	6
116	Rate Enhancement by Micelle Encapsulation for Oxidation of L-Glutamic Acid in Aqueous Media at Room Temperature. <i>Journal of the Korean Chemical Society</i> , 2013, 57, 425-431.	0.2	6
117	Kinetics and Mechanism of 1,10-Phenanthroline Catalysed Chromium(VI) Oxidation of D-Glucose in Aqueous Micellar Media. <i>Progress in Reaction Kinetics and Mechanism</i> , 2005, 30, 283-291.	2.1	5
118	Kinetics and Mechanism of 2, 2'-Bipyridyl Catalyzed Chromium(VI) Oxidation of Formic Acid in the Presence and Absence of Surfactants. <i>Current Inorganic Chemistry</i> , 2012, 2, 86-91.	0.2	5
119	Reliable bioremediation of hexavalent chromium from wastewater using mango leaves as reductant in association with the neutral and anionic micellar aggregation as redox accelerators. <i>Desalination and Water Treatment</i> , 0, , 1-8.	1.0	5
120	Best Combination of Promoter and Micellar Catalyst for Room Temperature Rapid Conversion of D-Lyxose to D-Lyxonic Acid in Aqueous Medium. <i>Tenside, Surfactants, Detergents</i> , 2015, 52, 302-310.	1.2	5
121	Kinetics and Mechanism of 2,2'-Bipyridyl Promoted Chromic Acid Oxidation of Ethanol and Propan-1-ol in Aqueous Micellar Media. <i>Open Catalysis Journal</i> , 2008, 1, 1-5.	0.9	5
122	Micellar Effect on the Catalytic Co-Oxidation of Dimethyl Sulfoxide and Oxalic Acid by Chromium(VI) in Aqueous Acid Media: A Kinetic Study. <i>Progress in Reaction Kinetics and Mechanism</i> , 2005, 30, 215-226.	2.1	4
123	A Review of the Synthesis and Utility of Some Lipopathic Permanganate Oxidants. <i>Journal of Solution Chemistry</i> , 2018, 47, 1449-1478.	1.2	4
124	Synthesis of 4-Hydroxy-4-(4-nitrophenyl)butan-2-one using <i>p</i> -Nitro Benzaldehyde and Acetone in Aqueous Micellar Media using L-Proline. <i>Tenside, Surfactants, Detergents</i> , 2018, 55, 325-330.	1.2	4
125	Micellar Effects on the Reactions of Chromium(VI) Oxidation of Lactic Acid and Malic Acid in the Presence and Absence of Picolinic Acid in Aqueous Acid Media. <i>Bioinorganic Reaction Mechanisms</i> , 2006, 6, .	0.4	3
126	Synthesis of 2-(Prop-2-ynoxy) Benzaldehyde using Salicyl Aldehyde and Propargyl Bromide in Aqueous Micellar Media. <i>Tenside, Surfactants, Detergents</i> , 2019, 56, 337-342.	1.2	3

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127	Micellar and Transition Metal Ion Catalysed Oxidation of Pentanol in Aqueous Medium. <i>Tenside, Surfactants, Detergents</i> , 2020, 57, 506-514.	1.2	3
128	Effect of dicationic gemini surfactants on the rate of reaction between ninhydrin and arginine. <i>Chemical Papers</i> , 2022, 76, 2865-2874.	2.2	3
129	Surfactant as an anti-corrosive agent: a review. <i>Tenside, Surfactants, Detergents</i> , 2022, 59, 363-372.	1.2	3
130	Surfactant Assistant Enhancement of Bioremediation Rate for Hexavalent Chromium by Water Algae. <i>Biochemistry & Physiology</i> , 2015, 04, .	0.2	2
131	Green Methodology Development for the Surfactant Assisted Williamson Synthesis of 4-Benzyloxy Benzoic Acid (Ether) in Aqueous Media. <i>Tenside, Surfactants, Detergents</i> , 2020, 57, 115-121.	1.2	2
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