

Ismail Aiad

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

1,675
citations

28
h-index

38
g-index

57
ext. papers

1,841
ext. citations

4.2
avg, IF

4.89
L-index

#	Paper	IF	Citations
57	Corrosion inhibition and Biocidal effect of some cationic surfactants based on Schiff base. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 2004-2009	6.3	88
56	Synthesis and Characterization of Multifunctional Surfactants in Oil-Field Protection Applications. <i>Journal of Surfactants and Detergents</i> , 2007 , 10, 87-92	1.9	67
55	Synthesis and Characterization of some Alkyl Polyglycosides Surfactants. <i>Journal of Surfactants and Detergents</i> , 2008 , 11, 129-137	1.9	66
54	Influence of time addition of superplasticizers on the rheological properties of fresh cement pastes. <i>Cement and Concrete Research</i> , 2003 , 33, 1229-1234	10.3	65
53	Inhibition of mild steel corrosion in acidic medium by some cationic surfactants. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 3524-3535	6.3	63
52	Effect of treatment temperature on the early hydration characteristics of superplasticized silica fume blended cement pastes. <i>Cement and Concrete Research</i> , 2005 , 35, 680-687	10.3	61
51	Production of biosurfactant from <i>Bacillus licheniformis</i> for microbial enhanced oil recovery and inhibition the growth of sulfate reducing bacteria. <i>Egyptian Journal of Petroleum</i> , 2015 , 24, 155-162	3.4	54
50	Inhibition of mild steel corrosion in acidic medium by vanillin cationic surfactants. <i>Journal of Molecular Liquids</i> , 2015 , 203, 20-28	6	54
49	Three gemini cationic surfactants as biodegradable corrosion inhibitors for carbon steel in HCl solution. <i>Research on Chemical Intermediates</i> , 2016 , 42, 1101-1123	2.8	45
48	Corrosion Inhibition by Some Cationic Surfactants in Oil Fields. <i>Journal of Surfactants and Detergents</i> , 2012 , 15, 577-585	1.9	45
47	Enhancing of Corrosion Inhibition and the Biocidal Effect of Phosphonium Surfactant Compounds for Oil Field Equipment. <i>Journal of Surfactants and Detergents</i> , 2014 , 17, 391-401	1.9	44
46	Synthesis and Evaluation of Some Triazole Derivatives as Corrosion Inhibitors and Biocides. <i>Journal of Surfactants and Detergents</i> , 2014 , 17, 483-491	1.9	44
45	Evaluation of some cationic surfactants based on dimethylaminopropylamine as corrosion inhibitors. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 1029-1038	6.3	42
44	Rheological properties of cement pastes admixed with some alkanolamines. <i>Cement and Concrete Research</i> , 2003 , 33, 9-13	10.3	40
43	Portland cement clinker, granulated slag and by-pass cement dust composites. <i>Cement and Concrete Research</i> , 2002 , 32, 1805-1812	10.3	39
42	Effect of delaying addition of some concrete admixtures on the rheological properties of cement pastes. <i>Cement and Concrete Research</i> , 2002 , 32, 1839-1843	10.3	37
41	Screening for Potential Antimicrobial Activities of Some Cationic Uracil Biocides Against Wide-Spreading Bacterial Strains. <i>Journal of Surfactants and Detergents</i> , 2010 , 13, 503-511	1.9	36

40	Amidoamine Gemini surfactants based dimethylamino propyl amine: Preparation, characterization and evaluation as biocide. <i>Journal of Molecular Liquids</i> , 2015 , 212, 907-914	6	34
39	Production of biosurfactants by <i>Bacillus licheniformis</i> and <i>Candida albicans</i> for application in microbial enhanced oil recovery. <i>Egyptian Journal of Petroleum</i> , 2016 , 25, 293-298	3-4	32
38	Surface Parameters and Biological Activity of N-(3-(Dimethyl Benzyl Ammonio) Propyl) Alkanamide Chloride Cationic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2016 , 19, 501-510	1.9	32
37	Synthesis, Characterization, Biodegradation and Evaluation of the Surface Active Properties of Nonionic Surfactants Derived from <i>Jatropha</i> Oil. <i>Journal of Surfactants and Detergents</i> , 2013 , 16, 857-863 ^{1,9}	1.9	32
36	Investigation the inhibitory action of novel diquateryary Schiff dibases on the acid dissolution of carbon steel in 1 M hydrochloric acid solution. <i>Corrosion Science</i> , 2012 , 65, 77-86	6.8	32
35	Amidoamine double tailed cationic surfactant based on dimethylaminopropylamine: Synthesis, characterization and evaluation as biocide. <i>Journal of Molecular Liquids</i> , 2015 , 212, 699-707	6	31
34	Characterization, surface properties and biological activity of new prepared cationic surfactants. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 1633-1640	6.3	31
33	Surface and biological activity of N-(((dimethoxybenzylidene)amino)propyl)-N,N-dimethylalkyl-1-ammonium derivatives as cationic surfactants. <i>Journal of Molecular Liquids</i> , 2015 , 207, 256-265	6	30
32	1-Dodecyl-4-(((3-morpholinopropyl)imino)methyl)pyridin-1-ium bromide as a novel corrosion inhibitor for carbon steel during phosphoric acid production. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 31, 91-99	6.3	29
31	In situ and green synthesis of silver nanoparticles and their biological activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 3430-3439	6.3	29
30	One step green synthesis of hexagonal silver nanoparticles and their biological activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 4473-4481	6.3	29
29	Synthesis, surface, thermodynamic properties and Biological activity of dimethylaminopropylamine surfactants. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 4194-4201	6.3	27
28	Synthesis of newly cationic surfactant based on dimethylaminopropyl amine and their silver nanoparticles: Characterization; surface activity and biological activity. <i>Chinese Chemical Letters</i> , 2017 , 28, 264-273	8.1	27
27	Surface Properties, Thermodynamic Aspects and Antimicrobial Activity of Some Novel Iminium Surfactants. <i>Journal of Surfactants and Detergents</i> , 2012 , 15, 359-366	1.9	27
26	Surface and Biological Activity of Some Prepared Iminium Surfactants Based on Schiff Bases. <i>Journal of Surfactants and Detergents</i> , 2013 , 16, 243-250	1.9	26
25	Syntheses and Characterization of Some Cationic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2008 , 11, 139-144	1.9	26
24	Synthesis and Biocidal Activity of Some Naphthalene-Based Cationic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2012 , 15, 223-234	1.9	25
23	Some Schiff Base Surfactants as Steel-Corrosion Inhibitors. <i>Journal of Surfactants and Detergents</i> , 2009 , 12, 313-319	1.9	25

22	Preparation of capped silver nanoparticles using sunlight and cationic surfactants and their biological activity. <i>Chinese Chemical Letters</i> , 2015 , 26, 1415-1420	8.1	23
21	Synthesis, characterization, surface and biocidal effect of some germinate nonionic surfactants. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 1174-1182	6.3	23
20	Novel Imidazolium-Based Gemini Surfactants: Synthesis, Surface Properties, Corrosion Inhibition and Biocidal Activity Against Sulfate-Reducing Bacteria. <i>Journal of Surfactants and Detergents</i> , 2013 , 16, 927-935	1.9	23
19	Physico-chemical characteristics of some polymer cement composites. <i>Materials Chemistry and Physics</i> , 2001 , 71, 76-83	4.4	23
18	Aqueous Solution Properties, Biodegradability, and Antimicrobial Activity of some Alkylpolyglycosides Surfactants. <i>Tenside, Surfactants, Detergents</i> , 2009 , 46, 311-316	1	20
17	Structural effect of prepared and commercial superplasticizers on performance of cement pastes. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 482-487	2.9	19
16	Some Imidazoline Derivatives as Corrosion Inhibitors. <i>Journal of Surfactants and Detergents</i> , 2010 , 13, 247-254	1.9	18
15	Effect of delayed addition time of synthesized SSPF condensate on the durability of sulphate resisting cement pastes incorporating micro-silica. <i>Construction and Building Materials</i> , 2013 , 48, 1092-1103	6.7	17
14	The Tail Effect of Some Prepared Cationic Surfactants on Silver Nanoparticle Preparation and Their Surface, Thermodynamic Parameters, and Antimicrobial Activity. <i>Journal of Surfactants and Detergents</i> , 2019 , 22, 1445-1460	1.9	16
13	Impact of delayed addition time of SNF condensate on the fire resistance and durability of SRCBF composite cement pastes. <i>Construction and Building Materials</i> , 2014 , 50, 281-290	6.7	15
12	Some Corrosion Inhibitors Based on Schiff Base Surfactants for Mild Steel Equipments. <i>Journal of Dispersion Science and Technology</i> , 2009 , 30, 1142-1147	1.5	12
11	Antipyrine cationic surfactants capping silver nanoparticles as potent antimicrobial agents against pathogenic bacteria and fungi. <i>Journal of Molecular Liquids</i> , 2017 , 243, 572-583	6	10
10	Synthesis, surface properties and biological activity of N,N,N-tris(hydroxymethyl)-2-oxo-2-(2-(2-(alkanoyloxy) ethoxy)ethoxy) ethanaminium chloride surfactants. <i>Egyptian Journal of Petroleum</i> , 2016 , 25, 299-307	3.4	9
9	Effect of some water-soluble melamine formaldehyde-free polycondensates on the rheological properties of cement pastes. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 2212-2218	2.9	8
8	Molecular, Surface, and Thermodynamic Properties of Nonionic Surfactants Based on Castor Oil. <i>Journal of Dispersion Science and Technology</i> , 2010 , 31, 1150-1156	1.5	5
7	Preparation, Surface, and Biological Activities of Some Novel Metallosurfactants. <i>Journal of Dispersion Science and Technology</i> , 2012 , 33, 1144-1153	1.5	5
6	Electrical and Gravimetric Estimation of the Corrosion Inhibition of Three Synthesized Cationic Surfactants N-(3-(Butylidene Amino) Propyl)-N, N-Dimethyl Alkan-1-Ammonium Bromide Derivatives in 1 M HCl. <i>Materials Performance and Characterization</i> , 2017 , 6, 20170001	0.5	5
5	Protection of carbon steel against corrosion in hydrochloric acid solution by some synthesized cationic surfactants. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2016 , 52, 339-347	0.9	4

4	Synthesis and Some Applications of Schiff Base Surfactants. <i>Journal of Dispersion Science and Technology</i> , 2012 , 33, 317-324	1.5	2
3	Enhancing the Surface Properties of Some Amine Alginate Salts with Cationic Surfactant. <i>Tenside, Surfactants, Detergents</i> , 2014 , 51, 11-16	1	2
2	Mitigation of eco-unfriendly and costly microbial induced corrosion using novel synthesized Schiff base cationic surfactants. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 941-952	3.5	2
1	Influence of some organic admixtures on the rheological and mechanical properties of cement pastes. <i>Advances in Cement Research</i> , 2006 , 18, 171-177	1.8	