Ismail Aiad

List of Publications by Year in Descending Order

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	Mitigation of eco-unfriendly and costly microbial induced corrosion using novel synthesized Schiff base cationic surfactants. *Journal of Chemical Technology and Biotechnology*, **2021**, 96, 941-952	3.5	2
56	The Tail Effect of Some Prepared Cationic Surfactants on Silver Nanoparticle Preparation and Their Surface, Thermodynamic Parameters, and Antimicrobial Activity. *Journal of Surfactants and Detergents*, **2019**, 22, 1445-1460	1.9	16
55	Antipyrine cationic surfactants capping silver nanoparticles as potent antimicrobial agents against pathogenic bacteria and fungi. *Journal of Molecular Liquids*, **2017**, 243, 572-583	6	10
54	Synthesis of newly cationic surfactant based on dimethylaminopropyl amine and their silver nanoparticles: Characterization; surface activity and biological activity. *Chinese Chemical Letters*, **2017**, 28, 264-273	8.1	27
53	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. *Materials Performance and Characterization*, **2017**, 6, 20170001	0.5	5
52	Protection of carbon steel against corrosion in hydrochloric acid solution by some synthesized cationic surfactants. *Protection of Metals and Physical Chemistry of Surfaces*, **2016**, 52, 339-347	0.9	4
51	Three gemini cationic surfactants as biodegradable corrosion inhibitors for carbon steel in HCl solution. *Research on Chemical Intermediates*, **2016**, 42, 1101-1123	2.8	45
50	Production of biosurfactants by Bacillus licheniformis and Candida albicans for application in microbial enhanced oil recovery. *Egyptian Journal of Petroleum*, **2016**, 25, 293-298	3.4	32
49	Surface Parameters and Biological Activity of N-(3-(Dimethyl Benzyl Ammonio) Propyl) Alkanamide Chloride Cationic Surfactants. *Journal of Surfactants and Detergents*, **2016**, 19, 501-510	1.9	32
48	Synthesis, surface properties and biological activity of N,N,N-tris(hydroxymethyl)-2-oxo-2-(2-(2-(alkanoyloxy) ethoxy)ethoxy) ethanaminium chloride surfactants. *Egyptian Journal of Petroleum*, **2016**, 25, 299-307	3.4	9
47	Production of biosurfactant from Bacillus licheniformis for microbial enhanced oil recovery and inhibition the growth of sulfate reducing bacteria. *Egyptian Journal of Petroleum*, **2015**, 24, 155-162	3.4	54
46	1-Dodecyl-4-(((3-morpholinopropyl)imino)methyl)pyridin-1-ium bromide as a novel corrosion inhibitor for carbon steel during phosphoric acid production. *Journal of Industrial and Engineering Chemistry*, **2015**, 31, 91-99	6.3	29
45	Preparation of capped silver nanoparticles using sunlight and cationic surfactants and their biological activity. *Chinese Chemical Letters*, **2015**, 26, 1415-1420	8.1	23
44	Surface and biological activity of N-(((dimethoxybenzylidene)amino)propyl)-N,N-dimethylalkyl-1-ammonium derivatives as cationic surfactants. *Journal of Molecular Liquids*, **2015**, 207, 256-265	6	30
43	Amidoamine double tailed cationic surfactant based on dimethylaminopropylamine: Synthesis, characterization and evaluation as biocide. *Journal of Molecular Liquids*, **2015**, 212, 699-707	6	31
42	Evaluation of some cationic surfactants based on dimethylaminopropylamine as corrosion inhibitors. *Journal of Industrial and Engineering Chemistry*, **2015**, 21, 1029-1038	6.3	42
41	Synthesis, characterization, surface and biocidal effect of some germinate nonionic surfactants. *Journal of Industrial and Engineering Chemistry*, **2015**, 21, 1174-1182	6.3	23

40	Inhibition of mild steel corrosion in acidic medium by vanillin cationic surfactants. *Journal of Molecular Liquids*, **2015**, 203, 20-28	6	54
39	Amidoamine Gemini surfactants based dimethylamino propyl amine: Preparation, characterization and evaluation as biocide. *Journal of Molecular Liquids*, **2015**, 212, 907-914	6	34
38	In situ and green synthesis of silver nanoparticles and their biological activity. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 3430-3439	6.3	29
37	One step green synthesis of hexagonal silver nanoparticles and their biological activity. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 4473-4481	6.3	29
36	Synthesis, surface, thermodynamic properties and Biological activity of dimethylaminopropylamine surfactants. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 4194-4201	6.3	27
35	Inhibition of mild steel corrosion in acidic medium by some cationic surfactants. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 3524-3535	6.3	63
34	Impact of delayed addition time of SNF condensate on the fire resistance and durability of SRCSF composite cement pastes. *Construction and Building Materials*, **2014**, 50, 281-290	6.7	15
33	Characterization, surface properties and biological activity of new prepared cationic surfactants. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 1633-1640	6.3	31
32	Enhancing of Corrosion Inhibition and the Biocidal Effect of Phosphonium Surfactant Compounds for Oil Field Equipment. *Journal of Surfactants and Detergents*, **2014**, 17, 391-401	1.9	44
31	Synthesis and Evaluation of Some Triazole Derivatives as Corrosion Inhibitors and Biocides. *Journal of Surfactants and Detergents*, **2014**, 17, 483-491	1.9	44
30	Enhancing the Surface Properties of Some Amine Alginate Salts with Cationic Surfactant. *Tenside, Surfactants, Detergents*, **2014**, 51, 11-16	1	2
29	Novel Imidazolium-Based Gemini Surfactants: Synthesis, Surface Properties, Corrosion Inhibition and Biocidal Activity Against Sulfate-Reducing Bacteria. *Journal of Surfactants and Detergents*, **2013**, 16, 927-935	1.9	23
28	Synthesis, Characterization, Biodegradation and Evaluation of the Surface Active Properties of Nonionic Surfactants Derived from Jatropha Oil. *Journal of Surfactants and Detergents*, **2013**, 16, 857-863	1.9	32
27	Surface and Biological Activity of Some Prepared Iminium Surfactants Based on Schiff Bases. *Journal of Surfactants and Detergents*, **2013**, 16, 243-250	1.9	26
26	Effect of delayed addition time of synthesized SSPF condensate on the durability of sulphate resisting cement pastes incorporating micro-silica. *Construction and Building Materials*, **2013**, 48, 1092-1103	6.7	17
25	Corrosion inhibition and Biocidal effect of some cationic surfactants based on Schiff base. *Journal of Industrial and Engineering Chemistry*, **2013**, 19, 2004-2009	6.3	88
24	Synthesis and Biocidal Activity of Some Naphthalene-Based Cationic Surfactants. *Journal of Surfactants and Detergents*, **2012**, 15, 223-234	1.9	25
23	Corrosion Inhibition by Some Cationic Surfactants in Oil Fields. *Journal of Surfactants and Detergents*, **2012**, 15, 577-585	1.9	45

22	Synthesis and Some Applications of Schiff Base Surfactants. *Journal of Dispersion Science and Technology*, **2012**, 33, 317-324	1.5	2
21	Investigation the inhibitory action of novel diquaternary Schiff dibases on the acid dissolution of carbon steel in 1 M hydrochloric acid solution. *Corrosion Science*, **2012**, 65, 77-86	6.8	32
20	Surface Properties, Thermodynamic Aspects and Antimicrobial Activity of Some Novel Iminium Surfactants. *Journal of Surfactants and Detergents*, **2012**, 15, 359-366	1.9	27
19	Preparation, Surface, and Biological Activities of Some Novel Metallosurfactants. *Journal of Dispersion Science and Technology*, **2012**, 33, 1144-1153	1.5	5
18	Molecular, Surface, and Thermodynamic Properties of Nonionic Surfactants Based on Castor Oil. *Journal of Dispersion Science and Technology*, **2010**, 31, 1150-1156	1.5	5
17	Some Imidazoline Derivatives as Corrosion Inhibitors. *Journal of Surfactants and Detergents*, **2010**, 13, 247-254	1.9	18
16	Screening for Potential Antimicrobial Activities of Some Cationic Uracil Biocides Against Wide-Spreading Bacterial Strains. *Journal of Surfactants and Detergents*, **2010**, 13, 503-511	1.9	36
15	Some Schiff Base Surfactants as Steel-Corrosion Inhibitors. *Journal of Surfactants and Detergents*, **2009**, 12, 313-319	1.9	25
14	Some Corrosion Inhibitors Based on Schiff Base Surfactants for Mild Steel Equipments. *Journal of Dispersion Science and Technology*, **2009**, 30, 1142-1147	1.5	12
13	Aqueous Solution Properties, Biodegradability, and Antimicrobial Activity of some Alkylpolyglycosides Surfactants. *Tenside, Surfactants, Detergents*, **2009**, 46, 311-316	1	20
12	Synthesis and Characterization of some Alkyl Polyglycosides Surfactants. *Journal of Surfactants and Detergents*, **2008**, 11, 129-137	1.9	66
11	Syntheses and Characterization of Some Cationic Surfactants. *Journal of Surfactants and Detergents* , **2008**, 11, 139-144	1.9	26
10	Synthesis and Characterization of Multifunctional Surfactants in Oil-Field Protection Applications. *Journal of Surfactants and Detergents*, **2007**, 10, 87-92	1.9	67
9	Influence of some organic admixtures on the rheological and mechanical properties of cement pastes. *Advances in Cement Research*, **2006**, 18, 171-177	1.8	
8	Effect of treatment temperature on the early hydration characteristics of superplasticized silica fume blended cement pastes. *Cement and Concrete Research*, **2005**, 35, 680-687	10.3	61
7	Effect of some water-soluble melamine formaldehyde-free polycondensates on the rheological properties of cement pastes. *Journal of Applied Polymer Science*, **2005**, 98, 2212-2218	2.9	8
6	Structural effect of prepared and commercial superplasticizers on performance of cement pastes. *Journal of Applied Polymer Science*, **2003**, 90, 482-487	2.9	19
5	Rheological properties of cement pastes admixed with some alkanolamines. *Cement and Concrete Research*, **2003**, 33, 9-13	10.3	40

4	Influence of time addition of superplasticizers on the rheological properties of fresh cement pastes. *Cement and Concrete Research*, **2003**, 33, 1229-1234	10.3	65
3	Portland cement clinker, granulated slag and by-pass cement dust composites. *Cement and Concrete Research*, **2002**, 32, 1805-1812	10.3	39
2	Effect of delaying addition of some concrete admixtures on the rheological properties of cement pastes. *Cement and Concrete Research*, **2002**, 32, 1839-1843	10.3	37
1	Physico-chemical characteristics of some polymer cement composites. *Materials Chemistry and Physics*, **2001**, 71, 76-83	4.4	23