Ismail Aiad

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2905836/publications.pdf

Version: 2024-02-01

56 papers	2,036 citations	147566 31 h-index	243296 44 g-index
57 all docs	57 docs citations	57 times ranked	1398 citing authors

#	Article	IF	Citations
1	Corrosion inhibition and Biocidal effect of some cationic surfactants based on Schiff base. Journal of Industrial and Engineering Chemistry, 2013, 19, 2004-2009.	2.9	105
2	Synthesis and Characterization of some Alkyl Polyglycosides Surfactants. Journal of Surfactants and Detergents, 2008, 11, 129-137.	1.0	86
3	Influence of time addition of superplasticizers on the rheological properties of fresh cement pastes. Cement and Concrete Research, 2003, 33, 1229-1234.	4.6	77
4	Inhibition of mild steel corrosion in acidic medium by some cationic surfactants. Journal of Industrial and Engineering Chemistry, 2014, 20, 3524-3535.	2.9	77
5	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.	1.2	77
6	Effect of treatment temperature on the early hydration characteristics of superplasticized silica fume blended cement pastes. Cement and Concrete Research, 2005, 35, 680-687.	4.6	75
7	Synthesis and Characterization of Multifunctional Surfactants in Oil-Field Protection Applications. Journal of Surfactants and Detergents, 2007, 10, 87-92.	1.0	72
8	Inhibition of mild steel corrosion in acidic medium by vanillin cationic surfactants. Journal of Molecular Liquids, 2015, 203, 20-28.	2.3	62
9	Corrosion Inhibition by Some Cationic Surfactants in Oil Fields. Journal of Surfactants and Detergents, 2012, 15, 577-585.	1.0	52
10	Three gemini cationic surfactants as biodegradable corrosion inhibitors for carbon steel in HCl solution. Research on Chemical Intermediates, 2016, 42, 1101-1123.	1.3	51
11	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.	1.0	50
12	Synthesis and Evaluation of Some Triazole Derivatives as Corrosion Inhibitors and Biocides. Journal of Surfactants and Detergents, 2014, 17, 483-491.	1.0	48
13	Evaluation of some cationic surfactants based on dimethylaminopropylamine as corrosion inhibitors. Journal of Industrial and Engineering Chemistry, 2015, 21, 1029-1038.	2.9	48
14	Effect of delaying addition of some concrete admixtures on the rheological properties of cement pastes. Cement and Concrete Research, 2002, 32, 1839-1843.	4.6	47
15	Rheological properties of cement pastes admixed with some alkanolamines. Cement and Concrete Research, 2003, 33, 9-13.	4.6	47
16	Portland cement clinker, granulated slag and by-pass cement dust composites. Cement and Concrete Research, 2002, 32, 1805-1812.	4.6	46
17	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.	1.0	46
18	Screening for Potential Antimicrobial Activities of Some Cationic Uracil Biocides Against Wideâ€Spreading Bacterial Strains. Journal of Surfactants and Detergents, 2010, 13, 503-511.	1.0	43

#	Article	IF	Citations
19	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.	3.0	40
20	Production of biosurfactants by Bacillus licheniformis and Candida albicans for application in microbial enhanced oil recovery. Egyptian Journal of Petroleum, 2016, 25, 293-298.	1.2	40
21	Amidoamine Gemini surfactants based dimethylamino propyl amine: Preparation, characterization and evaluation as biocide. Journal of Molecular Liquids, 2015, 212, 907-914.	2.3	39
22	Characterization, surface properties and biological activity of new prepared cationic surfactants. Journal of Industrial and Engineering Chemistry, 2014, 20, 1633-1640.	2.9	38
23	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.	2.3	38
24	Surface Parameters and Biological Activity of Nâ€(3â€(Dimethyl Benzyl Ammonio) Propyl) Alkanamide Chloride Cationic Surfactants. Journal of Surfactants and Detergents, 2016, 19, 501-510.	1.0	37
25	Amidoamine double tailed cationic surfactant based on dimethylaminopropylamine: Synthesis, characterization and evaluation as biocide. Journal of Molecular Liquids, 2015, 212, 699-707.	2.3	36
26	One step green synthesis of hexagonal silver nanoparticles and their biological activity. Journal of Industrial and Engineering Chemistry, 2014, 20, 4473-4481.	2.9	35
27	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.	4.8	35
28	In situ and green synthesis of silver nanoparticles and their biological activity. Journal of Industrial and Engineering Chemistry, 2014, 20, 3430-3439.	2.9	34
29	Synthesis, surface, thermodynamic properties and Biological activity of dimethylaminopropylamine surfactants. Journal of Industrial and Engineering Chemistry, 2014, 20, 4194-4201.	2.9	34
30	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.	2.9	34
31	Surface Properties, Thermodynamic Aspects and Antimicrobial Activity of Some Novel Iminium Surfactants. Journal of Surfactants and Detergents, 2012, 15, 359-366.	1.0	33
32	Some Schiff Base Surfactants as Steel-Corrosion Inhibitors. Journal of Surfactants and Detergents, 2009, 12, 313-319.	1.0	32
33	Surface and Biological Activity of Some Prepared Iminium Surfactants Based on Schiff Bases. Journal of Surfactants and Detergents, 2013, 16, 243-250.	1.0	32
34	Preparation of capped silver nanoparticles using sunlight and cationic surfactants and their biological activity. Chinese Chemical Letters, 2015, 26, 1415-1420.	4.8	31
35	Synthesis and Biocidal Activity of Some Naphthaleneâ€Based Cationic Surfactants. Journal of Surfactants and Detergents, 2012, 15, 223-234.	1.0	30
36	Syntheses and Characterization of Some Cationic Surfactants. Journal of Surfactants and Detergents, 2008, 11, 139-144.	1.0	27

#	Article	IF	Citations
37	Synthesis, characterization, surface and biocidal effect of some germinate nonionic surfactants. Journal of Industrial and Engineering Chemistry, 2015, 21, 1174-1182.	2.9	26
38	Physico-chemical characteristics of some polymer cement composites. Materials Chemistry and Physics, 2001, 71, 76-83.	2.0	25
39	Some Imidazoline Derivatives as Corrosion Inhibitors. Journal of Surfactants and Detergents, 2010, 13, 247-254.	1.0	25
40	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.	1.0	25
41	Aqueous Solution Properties, Biodegradability, and Antimicrobial Activity of some Alkylpolyglycosides Surfactants. Tenside, Surfactants, Detergents, 2009, 46, 311-316.	0.5	23
42	Structural effect of prepared and commercial superplasticizers on performance of cement pastes. Journal of Applied Polymer Science, 2003, 90, 482-487.	1.3	19
43	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.	3.2	19
44	Some Corrosion Inhibitors Based on Schiff Base Surfactants for Mild Steel Equipments. Journal of Dispersion Science and Technology, 2009, 30, 1142-1147.	1.3	18
45	Impact of delayed addition time of SNF condensate on the fire resistance and durability of SRCâ€“SF composite cement pastes. Construction and Building Materials, 2014, 50, 281-290.	3.2	15
46	Antipyrine cationic surfactants capping silver nanoparticles as potent antimicrobial agents against pathogenic bacteria and fungi. Journal of Molecular Liquids, 2017, 243, 572-583.	2.3	14
47	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.	1.2	12
48	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.	1.3	10
49	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.	0.3	10
50	Mitigation of ecoâ€unfriendly and costly microbial induced corrosion using novel synthesized Schiff base cationic surfactants. Journal of Chemical Technology and Biotechnology, 2021, 96, 941-952.	1.6	10
51	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, 429-450.	0.2	7
52	Molecular, Surface, and Thermodynamic Properties of Nonionic Surfactants Based on Castor Oil. Journal of Dispersion Science and Technology, 2010, 31, 1150-1156.	1.3	5
53	Preparation, Surface, and Biological Activities of Some Novel Metallosurfactants. Journal of Dispersion Science and Technology, 2012, 33, 1144-1153.	1.3	5
54	Synthesis and Some Applications of Schiff Base Surfactants. Journal of Dispersion Science and Technology, 2012, 33, 317-324.	1.3	2

#	Article	IF	Citations
55	Enhancing the Surface Properties of Some Amine Alginate Salts with Cationic Surfactant. Tenside, Surfactants, Detergents, 2014, 51, 11-16.	0.5	2
56	Influence of some organic admixtures on the rheological and mechanical properties of cement pastes. Advances in Cement Research, 2006, 18, 171-177.	0.7	0