

Mohamed Migahed

List of Publications by Year in descending order

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docs citations

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times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	The synthesis and characterization of benzotriazole-based cationic surfactants and the evaluation of their corrosion inhibition efficiency on copper in seawater. RSC Advances, 2019, 9, 27069-27082.	3.6	18
2	Thiazole Ionic Liquid as Corrosion Inhibitor of Steel in 1M HCl Solution: Gravimetric, Electrochemical, and Theoretical Studies. Journal of Bio- and Tribo-Corrosion, 2019, 5, 1.	2.6	36
3	Novel Ionic Liquid Compound Act as Sweet Corrosion Inhibitors for X-65 Carbon Tubing Steel: Experimental and Theoretical Studies. Journal of Bio- and Tribo-Corrosion, 2017, 3, 1.	2.6	30
4	Corrosion Inhibition Behavior of Synthesized Imidazolium Ionic Liquids for Carbon Steel in Deep Oil Wells Formation Water. Journal of Bio- and Tribo-Corrosion, 2017, 3, 1.	2.6	16
5	Corrosion Control of Cu-10Al-10Ni and Cu-10Al-10Zn Alloys in Seawater Environment by Some Ethoxylated Tolytriazole Derivatives. Zeitschrift Fur Physikalische Chemie, 2017, 231, 1179-1209.	2.8	11
6	Synthesized polyaspartic acid derivatives as corrosion and scale inhibitors in desalination operations. Cogent Engineering, 2017, 4, 1366255.	2.2	12
7	Corrosion control in the tubing steel of oil wells during matrix acidizing operations. RSC Advances, 2016, 6, 71384-71396.	3.6	38
8	Synthesis, characterization of some ethoxylated tolytriazole derivatives and evaluation of their performance as corrosion inhibitors for Cu-10Al alloy in seawater. Journal of Environmental Chemical Engineering, 2016, 4, 3741-3752.	6.7	15
9	Synthesis, characterization of polyaspartic acid-glycine adduct and evaluation of their performance as scale and corrosion inhibitor in desalination water plants. Journal of Molecular Liquids, 2016, 224, 849-858.	4.9	77
10	Synthesis, Characterization, Surface and Biological Activity of Diquaternary Cationic Surfactants Containing Ester Linkage. Journal of Surfactants and Detergents, 2016, 19, 119-128.	2.1	36
11	Synthesis of some quaternary ammonium gemini surfactants and evaluation of their performance as corrosion inhibitors for carbon steel in oil well formation water containing sulfide ions. RSC Advances, 2015, 5, 104480-104492.	3.6	52
12	Study on the efficiency of some amine derivatives as corrosion and scale inhibitors in cooling water systems. RSC Advances, 2015, 5, 57254-57262.	3.6	40
13	Quantum chemical calculations, synthesis and corrosion inhibition efficiency of ethoxylated-[2-(2-{2-[2-(2-benzenesulfonylamino-ethylamino)-ethylamino]-ethylamino)-ethylamino)-ethyl]-4-alkyl-benzenesulfonamide on API X65 steel surface under H ₂ S environment. Journal of Molecular Liquids, 2015, 212, 360-371.	4.9	40
14	Inhibition of carbon steel corrosion in acidic solution using some newly polyester derivatives. Journal of Molecular Liquids, 2015, 211, 915-923.	4.9	53
15	A New Screen-printed Ion Selective Electrode for Determination of Citalopram Hydrobromide in Pharmaceutical Formulation. Chinese Journal of Analytical Chemistry, 2014, 42, 565-572.	1.7	28
16	CORROSION INHIBITION OF STEEL PIPELINES IN OIL WELL FORMATION WATER BY A NEW FAMILY OF NONIONIC SURFACTANTS. Chemical Engineering Communications, 2012, 199, 1335-1356.	2.6	37
17	Synergistic inhibition effect between Cu ²⁺ and cationic gemini surfactant on the corrosion of downhole tubing steel during secondary oil recovery of old wells. Corrosion Science, 2012, 61, 10-18.	6.6	64
18	CORROSION INHIBITION OF CARBON STEEL DURING ACID CLEANING PROCESS BY A NEW SYNTHESIZED POLYAMIDE BASED ON THIOUREA. Chemical Engineering Communications, 2012, 199, 737-750.	2.6	14

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19	Novel screen-printed electrode for the determination of dodecyltrimethylammonium bromide in water samples. <i>Drug Testing and Analysis</i> , 2012, 4, 1009-1013.	2.6	44
20	Septonex-tetraphenylborate screen-printed ion selective electrode for the potentiometric determination of Septonex in pharmaceutical preparations. <i>Analyst</i> , The, 2011, 136, 1488.	3.5	51
21	Synthesis of a new family of Schiff base nonionic surfactants and evaluation of their corrosion inhibition effect on X-65 type tubing steel in deep oil wells formation water. <i>Materials Chemistry and Physics</i> , 2011, 125, 125-135.	4.0	80
22	Synthesis and evaluation of a new water soluble corrosion inhibitor from recycled poly(ethylene) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 6	4.0	59
23	New Screen-Printed Ion-Selective Electrodes for Potentiometric Titration of Cetyltrimethylammonium Bromide in Different Civilic Media. <i>Electroanalysis</i> , 2010, 22, 2587-2599.	2.9	50
24	Potentiometric determination of cetylpyridinium chloride using a new type of screen-printed ion selective electrodes. <i>Analytica Chimica Acta</i> , 2010, 673, 79-87.	5.4	99
25	Effectiveness of some diquatery ammonium surfactants as corrosion inhibitors for carbon steel in 0.5M HCl solution. <i>Corrosion Science</i> , 2010, 52, 2122-2132.	6.6	97
26	BENEFICIAL ROLE OF SURFACTANTS AS CORROSION INHIBITORS IN PETROLEUM INDUSTRY: A REVIEW ARTICLE. <i>Chemical Engineering Communications</i> , 2009, 196, 1054-1075.	2.6	87
27	Electrochemical behaviour of carbon steel in acid chloride solution in the presence of dodecyl cysteine hydrochloride self-assembled on gold nanoparticles. <i>Corrosion Science</i> , 2009, 51, 1636-1644.	6.6	57
28	Corrosion inhibition of Tubing steel during acidization of oil and gas wells. <i>Electrochimica Acta</i> , 2008, 53, 2877-2882.	5.2	191
29	A New Family of Surfactants: Part I: Synthesis of Ethoxylated Monoalkyl Bisphenol and Their Investigation as Corrosion Inhibitors. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 161-170.	2.4	16
30	Reactivity of polyester aliphatic amine surfactants as corrosion inhibitors for carbon steel in formation water (deep well water). <i>Corrosion Science</i> , 2006, 48, 813-828.	6.6	117
31	Corrosion inhibition of carbon steel in acid chloride solution using ethoxylated fatty alkyl amine surfactants. <i>Journal of Applied Electrochemistry</i> , 2006, 36, 395-402.	2.9	32
32	Effectiveness of some non ionic surfactants as corrosion inhibitors for carbon steel pipelines in oil fields. <i>Electrochimica Acta</i> , 2005, 50, 4683-4689.	5.2	133
33	Electrochemical investigation of the corrosion behaviour of mild steel in 2M HCl solution in presence of 1-dodecyl-4-methoxy pyridinium bromide. <i>Materials Chemistry and Physics</i> , 2005, 93, 48-53.	4.0	136
34	Corrosion inhibition of steel pipelines in oil fields by N,N-di(poly oxy ethylene) amino propyl lauryl amide. <i>Progress in Organic Coatings</i> , 2005, 54, 91-98.	3.9	35
35	Corrosion inhibition of mild steel in 1 M sulfuric acid solution using anionic surfactant. <i>Materials Chemistry and Physics</i> , 2004, 85, 273-279.	4.0	91
36	Impact of gamma-ray-pre-irradiation on the efficiency of corrosion inhibition of some novel polymeric surfactants. <i>Corrosion Science</i> , 2004, 46, 2503-2516.	6.6	40

#	ARTICLE	IF	CITATIONS
37	Corrosion inhibition of H-11 type carbon steel in 1 M hydrochloric acid solution by N-propyl amino lauryl amide and its ethoxylated derivatives. Materials Chemistry and Physics, 2003, 80, 169-175.	4.0	133