Elshafie Am Gad

List of Publications by Year in Descending Order

32 papers	344 citations	11 h-index	17 g-index
35 ext. papers	409 ext. citations	2.4 avg, IF	3.47 L-index

#	Paper	IF	Citations
32	Degradation of local Brilliant Blue R dye in presence of polyvinylidene fluoride/MWCNTs/TiO2 as photocatalysts and plasma discharge. *Journal of Environmental Chemical Engineering*, **2022**, 10, 106854	6.8	4
31	Experimental and computational study on electronic and photovoltaic properties of chromen-2-one-based organic dyes used for dye-sensitized solar cells. *Egyptian Journal of Petroleum*, **2020**, 29, 203-209	3.4	2
30	Experimental and Computational Study of Ecofriendly Synthesize d Imine Cationic Surfactants as Corrosion Inhibitors for Carbon Steel in 1 M HCl. *Tenside, Surfactants, Detergents*, **2020**, 57, 45-56	1	3
29	Preparation characterization and non-isothermal decomposition kinetics of different carbon nitride sheets. *Egyptian Journal of Petroleum*, **2020**, 29, 21-29	3.4	11
28	The corrosion inhibition of (2Z,2?Z)-4,4?-(1,2-phenylene bis(azanediyl))bis(4-oxobut-2-enoic acid) for carbon steel in acidic media using DFT. *Egyptian Journal of Petroleum*, **2019**, 28, 355-359	3.4	12
27	Theoretical approach for the performance of 4-mercapto-1-alkylpyridin-1-ium bromide as corrosion inhibitors using DFT. *Egyptian Journal of Petroleum*, **2018**, 27, 695-699	3.4	17
26	Synthesis and characterization of N-alkyl-2-aminopyridinum oligomers as pour point depressants for crude oil. *Egyptian Journal of Petroleum*, **2018**, 27, 1337-1344	3.4	3
25	Experimental and Theoretical Investigation by DFT on the Some Azole Antifungal Drugs as Green Corrosion Inhibitors for Aluminum in 1.0M HCl. *Protection of Metals and Physical Chemistry of Surfaces*, **2018**, 54, 503-512	0.9	15
24	Experimental and theoretical approach studies for melatonin drug as safely corrosion inhibitors for carbon steel using DFT. *Journal of Molecular Liquids*, **2016**, 222, 1157-1163	6	50
23	Graphene Characteristic and Alcohols Adsorptivity. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 4975-4979	0.3	
22	QSPR Models for Octane Number Prediction. *Journal of Theoretical Chemistry*, **2014**, 2014, 1-6		15
21	Adsorption of n-Alkyl Derivatives on Single Walled Carbon Nanotubes (Theoretical Approach). *Journal of Computational and Theoretical Nanoscience*, **2014**, 11, 404-408	0.3	2
20	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
19	Molecular, Surface, Thermodynamic Properties and Biodegradability of Nonionic Surfactants Based on Castor Oil. *Tenside, Surfactants, Detergents*, **2009**, 46, 272-278	1	3
18	QSPR for HLB of Nonionic Surfactants Based on Polyoxyethylene Group. *Journal of Dispersion Science and Technology*, **2008**, 29, 940-947	1.5	7
17	QSPR for Nonionic Surfactants. *Journal of Dispersion Science and Technology*, **2007**, 28, 231-237	1.5	10
16	Flow improvement of waxy western desert gas oil. *Journal of Chemical Technology and Biotechnology*, **2007**, 55, 123-130	3.5	15

15	Effect of Interfacially Active Fractions of Some Egyptian Crude Oils on Their Emulsion Stability. *Journal of Dispersion Science and Technology*, **2006**, 27, 133-141	1.5	8
14	Surface and Solubilisation Activities of 1-Amino-2-alkyloxynaphthalene-4-sodium Sulphonates. *Adsorption Science and Technology*, **2004**, 22, 663-668	3.6	7
13	Surface and thermodynamic parameters of mixed N-dodecyl N-trimethylsilane ammonium chloride with isooctyl phenol ethoxylate. *Journal of Surfactants and Detergents*, **1999**, 2, 39-43	1.9	6
12	Surface and thermodynamic studies of N-alkkyl N-trimethylsilane ammonium chloride surfactants. *Journal of Surfactants and Detergents*, **1999**, 2, 45-50	1.9	4
11	Low temperature rheological behavior of Umbarka waxy crude and influence of flow improver. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1998**, 131, 181-191	5.1	14
10	Surface and thermodynamic properties of 1,3-dioxalane derivatives. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1998**, 132, 213-219	5.1	3
9	Low Temperature Rheological Behavior of Umbarka Waxy Crude and Influence of Flow Improver. *Oil & Gas Science & Technology*, **1997**, 52, 369-379		9
8	Surface and thermodynamic parameters of sodium N-acyl sarcosinate surfactant solutions. *JAOCS, Journal of the American Oil ChemistsuSociety*, **1997**, 74, 43-47	1.8	55
7	Surface and thermodynamic studies of N-((octyl, dodecyl, and cetyl) oxycarbonylmethyl) pyridinium bromide. *Monatshefte F Chemie*, **1997**, 128, 1237-1246	1.4	15
6	Surface and thermodynamic properties of octyl, dodecyl, and cetyl sulfoacetates. *Monatshefte F Chemie*, **1997**, 128, 1085-1092	1.4	12
5	Synthesis and evaluation of some fatty esters as plasticizers and fungicides for poly(vinyl acetate) emulsion. *Journal of Chemical Technology and Biotechnology*, **1995**, 63, 160-164	3.5	2
4	Physicochemical characteristics of acrylic-acid polymer-impregnated cement pastes. *Journal of Chemical Technology and Biotechnology*, **1995**, 62, 310-316	3.5	1
3	Effect of some superplasticizers on the mechanical and physicochemical properties of blended cement pastes. *Journal of Applied Polymer Science*, **1995**, 56, 153-159	2.9	17
2	Electrical properties of poly(vinyl chloride) compositions. *Journal of Applied Polymer Science*, **1993**, 49, 1725-1731	2.9	10
1	Removal of iron (II) from wastewater in oil field using 3-(p-methyl) phenyl-5-thionyl-1,2,4-triazoline assembled on silver nanoparticles142, 244-251		5