Rachid Salghi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9501257/publications.pdf

Version: 2024-02-01

171 papers	6,646 citations	57719 44 h-index	79644 73 g-index
176 all docs	176 docs citations	176 times ranked	3973 citing authors

#	Article	IF	Citations
1	Almond waste extract as an efficient organic compound for corrosion inhibition of carbon steel (C38) in HCl solution. Sustainable Chemistry and Pharmacy, 2022, 27, 100677.	1.6	9
2	Rapid Sample Screening Method for Authenticity Controlling of Vanilla Flavours Using Liquid Chromatography with Electrochemical Detection Using Aluminium-Doped Zirconia Nanoparticles-Modified Electrode. Molecules, 2022, 27, 2915.	1.7	1
3	Pharmaceutical drugs as corrosion inhibitors I. , 2022, , 195-210.		0
4	Experimental and first-principles DFT insights into the corrosion protection mechanism of carbon steel in an HCl medium by two thiazolidinedione compounds. Materials Today Communications, 2022, 32, 103841.	0.9	5
5	A joint experimental and theoretical investigation of the corrosion inhibition behavior and mechanism of hydrazone derivatives for mild steel in HCl solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 610, 125744.	2.3	30
6	Gasâ€phase OH oxidation kinetics of pyrazine, pyrimidine, and pyridazine. International Journal of Chemical Kinetics, 2021, 53, 834-844.	1.0	2
7	Surface Polymers on Multiwalled Carbon Nanotubes for Selective Extraction and Electrochemical Determination of Rhodamine B in Food Samples. Molecules, 2021, 26, 2670.	1.7	12
8	Adsorption mechanism of 3-(1,4-disubstituted-1,2,3-triazolyl) uridine nucleosides against the corrosion of mild steel in HCl. Materials Chemistry and Physics, 2021, 268, 124742.	2.0	18
9	Evaluating the corrosion inhibition properties of novel 1,2,3-triazolyl nucleosides and their synergistic effect with iodide ions against mild steel corrosion in HCl: A combined experimental and computational exploration. Journal of Molecular Liquids, 2021, 338, 116522.	2.3	23
10	Corrosion Inhibition Properties of Thiazolidinedione Derivatives for Copper in 3.5 wt.% NaCl Medium. Metals, 2021, 11, 1861.	1.0	6
11	Improved corrosion resistance of mild steel in acidic solution by hydrazone derivatives: An experimental and computational study. Arabian Journal of Chemistry, 2020, 13, 2934-2954.	2.3	89
12	Exploring the potential role of pyrazoline derivatives in corrosion inhibition of mild steel in hydrochloric acid solution: Insights from experimental and computational studies. Construction and Building Materials, 2020, 233, 117320.	3.2	123
13	Assessing the impact of electron-donating-substituted chalcones on inhibition of mild steel corrosion in HCl solution: Experimental results and molecular-level insights. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 588, 124366.	2.3	73
14	Inhibition performances of spirocyclopropane derivatives for mild steel protection in HCl. Materials Chemistry and Physics, 2020, 243, 122582.	2.0	40
15	Synthesis, crystal structure, Hirshfeld surface analysis and DFT calculations of 2-[(2,3-dimethylphenyl)amino]-Nâ€™-[(E)-thiophen-2-ylmethylidene]benzohydrazide. Journal of Molecular Structure, 2020, 1205, 127654.	1.8	76
16	Synthesis and corrosion inhibition evaluation of a new schiff base hydrazone for mild steel corrosion in HCl medium: electrochemical, DFT, and molecular dynamics simulations studies. Journal of Adhesion Science and Technology, 2020, 34, 1283-1314.	1.4	43
17	A comprehensive study about anti-corrosion behaviour of pyrazine carbohydrazide: Gravimetric, electrochemical, surface and theoretical study. Journal of Molecular Liquids, 2020, 299, 112160.	2.3	59
18	The protection mechanism offered by Heterophragma adenophyllum extract against Fe-C steel dissolution at low pH: Computational, statistical and electrochemical investigations. Bioelectrochemistry, 2020, 132, 107400.	2.4	10

#	Article	IF	Citations
19	Comprehensive assessment of corrosion inhibition mechanisms of novel benzimidazole compounds for mild steel in HCl: An experimental and theoretical investigation. Journal of Molecular Liquids, 2020, 320, 114383.	2.3	41
20	Unveiled understanding on corrosion inhibition mechanisms of hydrazone derivatives based on naproxen for mild steel in HCl: A joint experimental/theoretical study. Journal of Molecular Liquids, 2020, 320, 114442.	2.3	29
21	Naproxen-Based Hydrazones as Effective Corrosion Inhibitors for Mild Steel in 1.0 M HCl. Coatings, 2020, 10, 700.	1.2	9
22	Evaluation of inhibitive and adsorption behavior of thiazole-4-carboxylates on mild steel corrosion in HCl. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 606, 125351.	2.3	32
23	New 8-Hydroxyquinoline-Bearing Quinoxaline Derivatives as Effective Corrosion Inhibitors for Mild Steel in HCl: Electrochemical and Computational Investigations. Coatings, 2020, 10, 811.	1.2	23
24	Synthesis, experimental and theoretical characterization of (E)-2-((2,3-dimethylphenyl)amino)-Nâ€™-(furan-2-ylmethylene)benzohydrazide. Journal of Molecular Structure, 2020, 1219, 128518.	1.8	12
25	Synthesis, crystal structure, hirshfeld surface analysis, DFT computations and molecular dynamics study of 2-(benzyloxy)-3-phenylquinoxaline. Journal of Molecular Structure, 2020, 1221, 128727.	1.8	14
26	Evaluation of 2-Mercaptobenzimidazole Derivatives as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid. Metals, 2020, 10, 357.	1.0	58
27	Inhibition of Mild Steel Corrosion in 1M Hydrochloric Medium by the Methanolic Extract ofAmmi visnagaL. Lam Seeds. International Journal of Corrosion, 2020, 2020, 1-10.	0.6	23
28	Gas-phase UV absorption spectra of pyrazine, pyrimidine and pyridazine. Chemical Physics Letters, 2020, 751, 137469.	1.2	17
29	New spirocyclopropane derivatives: synthesis and evaluation of their performances toward corrosion inhibition of mild steel in acidic media. Research on Chemical Intermediates, 2020, 46, 2881-2918.	1.3	9
30	Inhibitory effect of a new isoniazid derivative as an effective inhibitor for mild steel corrosion in 1.0ÂM HCl: combined experimental and computational study. Research on Chemical Intermediates, 2020, 46, 2919-2950.	1.3	8
31	Assessing corrosion inhibition characteristics of hydrazone derivatives on mild steel in HCl: Insights from electronic-scale DFT and atomic-scale molecular dynamics. Journal of Molecular Liquids, 2020, 308, 112998.	2.3	71
32	Bolaamphiphile-class surfactants as corrosion inhibitor model compounds against acid corrosion of mild steel. Journal of Molecular Liquids, 2020, 309, 113070.	2.3	70
33	Synthesis, structural and molecular characterization of 2,2-diphenyl-2H,3H,5H,6H,7H-imidazo[2,1-b][1,3]thiazin-3-one. Journal of Molecular Structure, 2019, 1197, 369-376.	1.8	60
34	Corrosion Inhibition of Mild Steel in 1.0 M HCl by two Hydrazone Derivatives. International Journal of Electrochemical Science, 2019, 14, 6667-6681.	0.5	21
35	Gas-phase UV absorption spectra and OH-oxidation kinetics of 1H-1,2,3-triazole and pyrazole. RSC Advances, 2019, 9, 27361-27368.	1.7	7
36	Environmental Fate of Two Organophosphorus Insecticides in Soil Microcosms under Mediterranean Conditions and Their Effect on Soil Microbial Communities. Soil and Sediment Contamination, 2019, 28, 285-303.	1.1	8

#	Article	IF	Citations
37	Graphene quantum dots for enhancement of fluorimetric detection coupled to capillary electrophoresis for detection of ofloxacin. Electrophoresis, 2019, 40, 2336-2341.	1.3	27
38	Ultrasound induced green synthesis of pyrazolo-pyridines as novel corrosion inhibitors useful for industrial pickling process: Experimental and theoretical approach. Results in Physics, 2019, 13, 102344.	2.0	28
39	Adsorption and anticorrosion behaviour of mild steel treated with 2-((1H-indol-2-yl)thio)-6-amino-4-phenylpyridine-3,5-dicarbonitriles in a hydrochloric acid solution: Experimental and computational studies. Journal of Molecular Liquids, 2019, 283, 491-506.	2.3	26
40	Exploring deep insights into the interaction mechanism of a quinazoline derivative with mild steel in HCl: electrochemical, DFT, and molecular dynamic simulation studies. Journal of Adhesion Science and Technology, 2019, 33, 921-944.	1.4	32
41	Mild Steel Corrosion Inhibition by Furocoumarin Derivatives in Acidic Media. International Journal of Electrochemical Science, 2019, , 6699-6721.	0.5	3
42	On the understanding of the adsorption of Fenugreek gum on mild steel in an acidic medium: Insights from experimental and computational studies. Applied Surface Science, 2019, 463, 647-658.	3.1	136
43	Chemical Composition and Green Anticorrosive Potential of Thymus broussonnetii Boiss subsp. broussonnetii Essential Oils in Hydrochloric Acid Medium. Journal of Bio- and Tribo-Corrosion, 2019, 5, 1.	1.2	6
44	Synthesis and evaluation of some new hydrazones as corrosion inhibitors for mild steel in acidic media. Research on Chemical Intermediates, 2019, 45, 2269-2286.	1.3	29
45	Nanostructured hybrid surface enhancement Raman scattering substrate for the rapid determination of sulfapyridine in milk samples. Talanta, 2019, 194, 357-362.	2.9	27
46	Management of phytosanitary effluent: Rinsing and decontamination of empty pesticide containers by bio-detergent. Crop Protection, 2019, 116, 142-155.	1.0	8
47	Electrochemical Behavior and Computational Analysis of Phenylephrine for Corrosion Inhibition of Aluminum in Acidic Medium. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 468-479.	1.1	47
48	Corrosion inhibition of mild steel by Fennel seeds (Foeniculum vulgare Mill) essential oil in 1 M hydrochloric acid solution. International Journal of Corrosion and Scale Inhibition, 2019, 8, .	0.5	4
49	New Benzohydrazide Derivative as Corrosion Inhibitor for Carbon Steel in a 1.0 M HCl Solution: Electrochemical, DFT and Monte Carlo Simulation Studies. Portugaliae Electrochimica Acta, 2019, 37, 147-165.	0.4	14
50	Electrochemical DFT and MD Simulation Study of Substituted Imidazoles as Novel Corrosion Inhibitors for Mild Steel. Portugaliae Electrochimica Acta, 2019, 37, 217-239.	0.4	7
51	Capillary electrophoresis method for the discrimination between natural and artificial vanilla flavor for controlling food frauds. Electrophoresis, 2018, 39, 1628-1633.	1.3	10
52	Spiro [indoline-3,4â€²-pyrano[2,3-c]pyrazole] Derivatives as Novel Class of Green Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Medium: Theoretical and Experimental Approach. Journal of Bio- and Tribo-Corrosion, 2018, 4, 1.	1.2	14
53	Pyrazoline derivatives as possible corrosion inhibitors for mild steel in acidic media: A combined experimental and theoretical approach. Cogent Engineering, 2018, 5, 1441585.	1.1	23
54	Indoor and outdoor air quality analysis for the city of Nablus in Palestine: seasonal trends of PM10, PM5.0, PM2.5, and PM1.0 of residential homes. Air Quality, Atmosphere and Health, 2018, 11, 229-237.	1.5	35

#	Article	IF	Citations
55	Thiosemicarbazide and thiocarbohydrazide functionalized chitosan as ecofriendly corrosion inhibitors for carbon steel in hydrochloric acid solution. International Journal of Biological Macromolecules, 2018, 107, 1747-1757.	3.6	227
56	Effect of electron donating functional groups on corrosion inhibition of mild steel in hydrochloric acid: Experimental and quantum chemical study. Journal of the Taiwan Institute of Chemical Engineers, 2018, 82, 233-251.	2.7	244
57	Microwave-assisted synthesis of novel imidazolium, pyridinium and pyridazinium-based ionic liquids and/or salts and prediction of physico-chemical properties for their toxicity and antibacterial activity. Journal of Molecular Liquids, 2018, 249, 747-753.	2.3	48
58	In field control of Botrytis cinerea by synergistic action of a fungicide and organic sanitizer. Journal of Integrative Agriculture, 2018, 17, 1401-1408.	1.7	10
59	Eutectic Morphology in Alloy Pb â€“ 3.2% Cd â€“ 0.08% Sr for Battery Grids. Metal Science and Heat Treatment, 2018, 60, 407-410.	0.2	1
60	Magnetic nanocellulose from olive industry solid waste for the effective removal of methylene blue from wastewater. Environmental Science and Pollution Research, 2018, 25, 22060-22074.	2.7	52
61	Understanding corrosion inhibition of mild steel in acid medium by new benzonitriles: Insights from experimental and computational studies. Journal of Molecular Liquids, 2018, 266, 603-616.	2.3	96
62	A new schiff base derivative as an effective corrosion inhibitor for mild steel in acidic media: Experimental and computer simulations studies. Journal of Molecular Structure, 2018, 1168, 39-48.	1.8	100
63	Minified dose of urispas drug as better corrosion constraint for soft steel in sulphuric acid solution. Journal of Molecular Liquids, 2018, 269, 371-380.	2.3	55
64	Two Novel Benzodiazepines as Corrosion Inhibitors for Carbon Steel in Hydrochloric Acid: Experimental and Computational Studies. Journal of Bio- and Tribo-Corrosion, 2018, 4, 1.	1.2	13
65	Corrosion Inhibition Behavior of 9-Hydroxyrisperidone as a Green Corrosion Inhibitor for Mild Steel in Hydrochloric Acid: Electrochemical, DFT and MD Simulations Studies. International Journal of Electrochemical Science, 2018, 13, 250-264.	0.5	53
66	Experimental and Theoretical Studies of the Corrosion Inhibition of 4-amino-2-(4-chlorophenyl)-8-(2,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 in a 1.0 M HCl Solution. Portugaliae Electrochimica Acta, 2018, 36, 35-52.	0.4	4
67	Adsorption and Corrosion Inhibition Effect of 2-Mercaptobenzimidazole (Surfactant) on a Carbon Steel Surface in an Acidic Medium: Experimental and Monte Carlo Simulations. Portugaliae Electrochimica Acta, 2018, 36, 197-212.	0.4	47
68	Corrosion Inhibition Activity of an Expired Antibacterial Drug in Acidic Media amid Elucidate DFT and MD Simulations. Portugaliae Electrochimica Acta, 2018, 36, 213-230.	0.4	23
69	Magnetic/non-magnetic argan press cake nanocellulose for the selective extraction of sudan dyes in food samples prior to the determination by capillary liquid chromatograpy. Talanta, 2017, 166, 63-69.	2.9	42
70	Preparation and characterization of biodegradable nanocomposites derived from carboxymethyl cellulose and hydroxyapatite. Carbohydrate Polymers, 2017, 167, 59-69.	5.1	44
71	Antifungal effectiveness of fungicide and peroxyacetic acid mixture on the growth of Botrytis cinerea. Microbial Pathogenesis, 2017, 105, 74-80.	1.3	9
72	Insights into corrosion inhibition behavior of three chalcone derivatives for mild steel in hydrochloric acid solution. Journal of Molecular Liquids, 2017, 238, 71-83.	2.3	171

#	Article	IF	Citations
73	Guar gum as efficient non-toxic inhibitor of carbon steel corrosion in phosphoric acid medium: Electrochemical, surface, DFT and MD simulations studies. Journal of Molecular Structure, 2017, 1145, 43-54.	1.8	109
74	Novel Natural Based Diazepines as Effective Corrosion Inhibitors for Carbon Steel in HCl Solution: Experimental, Theoretical and Monte Carlo Simulations. Transactions of the Indian Institute of Metals, 2017, 70, 2319-2333.	0.7	9
75	New phosphonate based corrosion inhibitors for mild steel in hydrochloric acid useful for industrial pickling processes: experimental and theoretical approach. New Journal of Chemistry, 2017, 41, 13114-13129.	1.4	64
76	Eco friendly green inhibitor Gum Arabic (GA) for the corrosion control of mild steel in hydrochloric acid medium. Corrosion Science, 2017, 129, 70-81.	3.0	160
77	N-Methyl-N,N,N-trioctylammonium chloride as a novel and green corrosion inhibitor for mild steel in an acid chloride medium: electrochemical, DFT and MD studies. New Journal of Chemistry, 2017, 41, 13647-13662.	1.4	74
78	Atmospheric degradation of 2- nitrobenzaldehyde: Photolysis and reaction with OH radicals. Atmospheric Environment, 2017, 171, 221-228.	1.9	5
79	Correlated experimental and theoretical study on inhibition behavior of novel quinoline derivatives for the corrosion of mild steel in hydrochloric acid solution. Journal of Molecular Liquids, 2017, 244, 154-168.	2.3	165
80	Dispersed synthesis of uniform Fe3O4 magnetic nanoparticles via in situ decomposition of iron precursor along cotton fibre for Sudan dyes analysis in food samples. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1853-1862.	1.1	8
81	Corrosion inhibition performance of chromone-3-acrylic acid derivatives for low alloy steel with theoretical modeling and experimental aspects. Journal of Molecular Liquids, 2017, 243, 439-450.	2.3	81
82	Amino acid based imidazolium zwitterions as novel and green corrosion inhibitors for mild steel: Experimental, DFT and MD studies. Journal of Molecular Liquids, 2017, 244, 340-352.	2.3	231
83	Effect of clozapine on inhibition of mild steel corrosion in 1.0 M HCl medium. Journal of Molecular Liquids, 2017, 225, 271-280.	2.3	167
84	6-phenylpyridazin-3(2H)one as New Corrosion Inhibitor for C38 Steel in 1 M HCl.. International Journal of Electrochemical Science, 2017, 12, 3309-3322.	0.5	13
85	Inhibition of C-steel Corrosion by Green Tea Extract in Hydrochloric Solution. International Journal of Electrochemical Science, 2017, 12, 3283-3295.	0.5	26
86	Ziziphus lotus as Green Inhibitor of Copper Corrosion in Natural Sea Water. Portugaliae Electrochimica Acta, 2017, 35, 187-200.	0.4	20
87	Atmospheric degradation of pyridine: UV absorption spectrum and reaction with OH radicals and O3. Chemical Physics Letters, 2016, 662, 141-145.	1.2	13
88	Fluorescence Determination of L-Cysteine in Wound Dressings by Fluoroscein Coated Gold Nanoparticles. Analytical Letters, 2016, 49, 1221-1232.	1.0	5
89	Enantioselective discrimination of menthone enantiomers by using achiral liquid chromatography with circular dichroism detection and penicillamine-coated gold nanoparticles. Microchemical Journal, 2016, 124, 736-742.	2.3	5
90	Argania spinosa (L.) as a source of new and efficient green corrosion inhibitor for copper in acidic medium: a comparative study of three green compounds. International Journal of Corrosion and Scale Inhibition, 2016, 5, 159-171.	0.5	4

#	Article	IF	Citations
91	Characterization of corrosion products formed on carbon steel in hydrochloric acid medium by 4-(dimethylamino)-1-(6-methoxy- 6-oxohexyl)pyridinium bromide. International Journal of Corrosion and Scale Inhibition, 2016, 5, 209-231.	0.5	5
92	Corrosion inhibition potentiality of some benzimidazole derivatives for mild steel in hydrochloric acid: Electrochemical and weight loss studies. International Journal of Corrosion and Scale Inhibition, 2016, 5, 347-359.	0.5	10
93	Synthesis, Characterization and Corrosion Protection Properties of Imidazole Derivatives on Mild Steel in 1.0 M HCl. Portugaliae Electrochimica Acta, 2016, 34, 213-229.	0.4	3
94	Crystal structure of (1E,1â€²E)-N,Nâ€²-(ethane-1,2-diyl)bis[(pyridin-2-yl)methanimine]. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o431-o431.	0.2	4
95	Synthesis, spectral, electrochemical, crystal structure studies of two novel di-Î¼-halo-bis[halo(2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline)cadmium(II)] dimer complexes and their thermolysis to nanometal oxides. Journal of Molecular Structure, 2015, 1099, 323-329.	1.8	8
96	A novel approach to size separation of gold nanoparticles by capillary electrophoresisâ€“evaporative light scattering detection. RSC Advances, 2015, 5, 16672-16677.	1.7	33
97	Investigation of corrosion inhibition of carbon steel in 0.5 M H2SO4 by new bipyrazole derivative using experimental and theoretical approaches. Journal of Environmental Chemical Engineering, 2015, 3, 2031-2041.	3.3	47
98	Investigation of the Corrosion Inhibition Behavior of C38 Steel in Hydrochloric Acid Solution by 2-Hydroxy-1-(2-hydroxy-4-sulfo-1-naphthylazo)-3-naphthoic Acid. Transactions of the Indian Institute of Metals, 2015, 68, 521-527.	0.7	4
99	A comparative study of electrochemical oxidation of methidation organophosphorous pesticide on SnO2 and boron-doped diamond anodes. Chemistry Central Journal, 2015, 9, 59.	2.6	14
100	Corrosion inhibition of carbon steel in aggressive acidic media with 1-(2-(4-chlorophenyl)-2-oxoethyl)pyridazinium bromide. Journal of Molecular Liquids, 2015, 211, 1000-1008.	2.3	88
101	New routes to prepare superabsorbent polymers free of acrylate cross-linker. Iranian Polymer Journal (English Edition), 2015, 24, 849-859.	1.3	2
102	Antioxidant activity and effect of quince pulp extract on the corrosion of C-steel in 1M HCl. Research on Chemical Intermediates, 2015, 41, 7463-7480.	1.3	13
103	Inhibition of corrosion of mild steel in 1ÂM HCl by the essential oil or solvent extracts of Ptychotis verticillata. Research on Chemical Intermediates, 2015, 41, 935-946.	1.3	27
104	Adsorption and inhibition effect of 5-phenyl-1,2,4-triazole-3-thione on C38 steel corrosion in 1ÂM HCl. Research on Chemical Intermediates, 2015, 41, 4617-4634.	1.3	14
105	Investigation of inhibition by 6-bromo-3-nitroso-2-phenylimidazol[1,2-Î±]pyridine of the corrosion of C38 steel in 1ÂM HCl. Research on Chemical Intermediates, 2015, 41, 913-925.	1.3	22
106	Characterisation by electrochemical impedance spectroscopy of a pet membrane electrode based on zeolithe. Research on Chemical Intermediates, 2015, 41, 3261-3273.	1.3	0
107	Comparison of Pyridazinium Electro-oxidation on Boron-doped Diamond (BDD) and SnO2 in a Basic Medium. Portugaliae Electrochimica Acta, 2015, 33, 13-21.	0.4	3
108	Electrochemical Evaluation of Linseed Oil as Environment-friendly Inhibitor for Corrosion of Steel in HCl Solution. Portugaliae Electrochimica Acta, 2015, 33, 137-152.	0.4	12

#	Article	IF	Citations
109	ew pyridazinium-based ionic liquids: An eco-friendly ultrasound-assisted synthesis, characterization and biological activity. South African Journal of Chemistry, 2015, , .	0.3	1
110	Removal of Phenol from Olive Industry Liquid Waste Using Polyitaconic Acid. Asian Journal of Chemistry, 2014, 26, S15-S22.	0.1	1
111	Use of molecular andIn Silicobioinformatic tools to investigate pesticide binding to insect (Lepidoptera) phenoloxidases (PO): Insights to toxicological aspects. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2014, 49, 654-660.	0.7	7
112	Inhibition of corrosion of copper in nitric acid solution by four amino acids. Research on Chemical Intermediates, 2014, 40, 991-1002.	1.3	24
113	Study of a cysteine derivative as a corrosion inhibitor for carbon steel in phosphoric acid solution. Research on Chemical Intermediates, 2014, 40, 801-815.	1.3	21
114	Inhibition of acid corrosion of mild steel by Anacyclus pyrethrum L. extracts. Research on Chemical Intermediates, 2014, 40, 259-268.	1.3	29
115	Inhibition of carbon steel corrosion in 1 M HCl medium by potassium thiocyanate. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2014, 15, 21-27.	1.0	15
116	Corrosion inhibition of steel in sulfuric acidic solution by theChenopodium AmbrosioidesExtracts. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2014, 16, 83-90.	1.0	44
117	Detection of argan oil adulteration with vegetable oils by high-performance liquid chromatographyâ€"evaporative light scattering detection. Food Chemistry, 2014, 153, 387-392.	4.2	66
118	Anti-corrosive properties of Argan oil on C38 steel in molar HCl solution. Journal of Saudi Chemical Society, 2014, 18, 19-25.	2.4	41
119	Corrosion Inhibition of Steel by Various Parts of Rotula Aquatica Plant Extracts in H2SO4 Solutions. Portugaliae Electrochimica Acta, 2014, 32, 395-403.	0.4	12
120	Studies on the inhibitive effect of potassium ferrocyanide on the corrosion of steel in phosphoric acid. Research on Chemical Intermediates, 2013, 39, 3475-3485.	1.3	9
121	Adsorption and corrosion inhibition of mild steel in hydrochloric acid solution by verbena essential oil. Research on Chemical Intermediates, 2013, 39, 973-989.	1.3	24
122	Theoretical approach to the corrosion inhibition efficiency of some quinoxaline derivatives of steel in acid media using the DFT method. Research on Chemical Intermediates, 2013, 39, 1125-1133.	1.3	38
123	Quantum chemical study of some triazoles as inhibitors of corrosion of copper in acid media. Research on Chemical Intermediates, 2013, 39, 1279-1289.	1.3	7
124	Weight Loss, Electrochemical, Quantum Chemical Calculation, and Molecular Dynamics Simulation Studies on 2-(Benzylthio)-1,4,5-triphenyl-1H-imidazole as an Inhibitor for Carbon Steel Corrosion in Hydrochloric Acid. Industrial & Engineering Chemistry Research, 2013, 52, 14315-14327.	1.8	71
125	Comparative Study of Corrosion Inhibition on Mild Steel in HCl Medium by Three Green Compounds: Argania spinosa Press Cake, Kernels and Hulls Extracts. Transactions of the Indian Institute of Metals, 2013, 66, 43-49.	0.7	34
126	Electrochemical degradation of buprofezin insecticide in aqueous solutions by anodic oxidation at boron-doped diamond electrode. Research on Chemical Intermediates, 2013, 39, 505-516.	1.3	21

#	Article	IF	Citations
127	Pesticide residue levels in peppers cultivated in Souss Masa valley (Morocco) after multiple applications of azoxystrobin and chlorothalonil. International Journal of Environmental Analytical Chemistry, 2013, 93, 499-510.	1.8	3
128	An investigation of carbon steel corrosion inhibition in hydrochloric acid medium by an environmentally friendly green inhibitor. Research on Chemical Intermediates, 2013, 39, 2663-2677.	1.3	33
129	Design and Adaptation of an Interface for Commercial Capillary Electrophoresisâ€"Evaporative Light Scattering Detection Coupling. Analytical Chemistry, 2013, 85, 4858-4862.	3.2	10
130	Inhibition effect of horehound (Marrubium vulgare L.) extract towards C38 steel corrosion in HCl solution. Research on Chemical Intermediates, 2013, 39, 3291-3302.	1.3	22
131	Capillary electrophoresis coupled to evaporative light scattering detection for direct determination of underivatized amino acids: Application to tea samples using carboxyled singleâ€walled carbon nanotubes for sample preparation. Electrophoresis, 2013, 34, 2623-2631.	1.3	14
132	Argan hulls extract: green inhibitor of mild steel corrosion in 1ÂM HCl solution. Research on Chemical Intermediates, 2012, 38, 1707-1717.	1.3	36
133	Theoretical study using DFT calculations on inhibitory action of four pyridazines on corrosion of copper in nitric acid. Research on Chemical Intermediates, 2012, 38, 2327-2334.	1.3	15
134	Selective extraction and determination of catecholamines in urine samples by using a dopamine magnetic molecularly imprinted polymer and capillary electrophoresis. Talanta, 2012, 99, 897-903.	2.9	84
135	Carob seed oil: an efficient inhibitor of C38 steel corrosion in hydrochloric acid. International Journal of Industrial Chemistry, 2012, 3, 1.	3.1	18
136	Ionic liquids supported on magnetic nanoparticles as a sorbent preconcentration material for sulfonylurea herbicides prior to their determination by capillary liquid chromatography. Analytical and Bioanalytical Chemistry, 2012, 404, 1529-1538.	1.9	53
137	Corrosion control of carbon steel in phosphoric acid by purpald â€" Weight loss, electrochemical and XPS studies. Corrosion Science, 2012, 64, 243-252.	3.0	252
138	Pesticide Residue Levels in Green Beans Cultivated in Souss Masa Valley (Morocco) After Multiple Applications of Bifenthrin and Î»-Cyhalothrin. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 638-643.	1.3	6
139	AnÃ¡lise da confiabilidade do teste clÃnico de queda do navicular. Fisioterapia Em Movimento, 2012, 25, 301-309.	0.4	4
140	Pesticide Residues in Tomatoes from Greenhouses in Souss Massa Valley, Morocco. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 358-361.	1.3	25
141	Inhibitive Action of Argan Press Cake Extract on the Corrosion of Steel in Acidic Media. Portugaliae Electrochimica Acta, 2012, 30, 267-279.	0.4	19
142	A Combined Experimental and Theoretical Study on the Corrosion Inhibition and Adsorption Behaviour of Quinoxaline Derivative During Carbon Steel Corrosion in Hydrochloric Acid. Portugaliae Electrochimica Acta, 2012, 30, 405-417.	0.4	56
143	The heterogeneous photo-oxidation of difenoconazole in the atmosphere. Atmospheric Environment, 2011, 45, 5997-6003.	1.9	20
144	Nanoparticle-based assay for the detection of virgin argan oil adulteration and its rapid quality evaluation. Analytical and Bioanalytical Chemistry, 2011, 399, 2395-2405.	1.9	30

#	Article	IF	Citations
145	Fennel (Foeniculum Vulgare) Essential Oil as Green Corrosion Inhibitor of Carbon Steel in Hydrochloric Acid Solution. Portugaliae Electrochimica Acta, 2011, 29, 127-138.	0.4	105
146	Study of the inhibition of the corrosion of copper and zinc in HNO3 solution by electrochemical technique and quantum chemical calculations. Arabian Journal of Chemistry, 2010, 3, 55-60.	2.3	62
147	Thermodynamic properties ofThymus satureioidesessential oils as corrosion inhibitor of tinplate in 0.5 M HCl: chemical characterization and electrochemical study. Green Chemistry Letters and Reviews, 2010, 3, 173-178.	2.1	52
148	Comparative study to determine the need for intraoperative colonic irrigation for primary anastomosis in leftâ€sided colonic emergencies. Colorectal Disease, 2009, 11, 648-652.	0.7	29
149	Supercritical fluid extraction as an on-line clean-up technique for rapid amperometric screening and alternative liquid chromatography for confirmation of paraquat and diquat in olive oil samples. Journal of Chromatography A, 2008, 1204, 56-61.	1.8	31
150	Some amino acids as corrosion inhibitors for copper in nitric acid solution. Materials Letters, 2008, 62, 3325-3327.	1.3	155
151	Botulinum toxin therapy: a tempting tool in the management of salivary secretory disorders. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2008, 29, 333-338.	0.6	48
152	Triazolic compounds as corrosion inhibitors for copper in hydrochloric acid. Pigment and Resin Technology, 2007, 36, 161-168.	0.5	58
153	Behaviour of Brasses Corrosion in Nitric Acid with and without PMT. Portugaliae Electrochimica Acta, 2007, 25, 471-480.	0.4	5
154	A study of tetrazoles derivatives as corrosion inhibitors of copper in nitric acid. Pigment and Resin Technology, 2006, 35, 151-157.	0.5	51
155	The inhibited effect of some tetrazolic compounds towards the corrosion of brass in nitric acid solution. Applied Surface Science, 2006, 252, 2389-2395.	3.1	70
156	Effect of the heat treatment on the corrosion behaviour of amorphous Feâ€“Crâ€“Pâ€“Câ€“Si alloy in 0.5M H2SO4. Applied Surface Science, 2006, 252, 7921-7925.	3.1	20
157	Effect of the addition of oxo-anions on the corrosion and passivation of tin in synthetic industrial water. Applied Surface Science, 2006, 253, 555-560.	3.1	7
158	Corrosion inhibition of 70Cu-30Zn alloy in 0,5 M HNO₃by 3-amino-1,2,4-triazole. European Physical Journal Special Topics, 2005, 123, 307-311.	0.2	3
159	Electrochemical Oxidation of 2,4,6-Trinitrophenol on Boron-Doped Diamond Anodes. Journal of the Electrochemical Society, 2005, 152, D113.	1.3	35
160	Comparative study of the effect of inorganic ions on the corrosion of Al 3003 and 6063 in carbonate solution. Progress in Organic Coatings, 2004, 51, 113-117.	1.9	18
161	Electrochemical treatment of industrial wastewater. Journal of Hazardous Materials, 2004, 113, 123-129.	6.5	302
162	Corrosion et passivation de l'Ã©tain dans un milieu simulÃ© Ã une eau industrielle. Canadian Journal of Chemistry, 2003, 81, 297-306.	0.6	5

#	Article	IF	Citations
163	Comparative study of corrosion resistance for 6063 and 3003 aluminium alloys in chloride medium. Revue De Metallurgie, 2003, 100, 1227-1235.	0.3	2
164	Inhibition de la corrosion de l'alliage d'aluminium 6063 au moyen de composÃ©s inorganiques dans une solution de chlorure de sodium Ã 3 %. Canadian Journal of Chemistry, 2002, 80, 106-112.	0.6	14
165	The inhibition effect of inorganic compounds on the corrosion of the 3003 aluminium alloy in the presence of sodium chloride. Revue De Metallurgie, 2002, 99, 189-197.	0.3	2
166	Inhibition de la corrosion du cuivre en milieu HCl 0,5 M par les composes organiques de type triazoleInhibition of copper corrosion in HCl 0.5 M medium by some triazolic compounds. Annales De Chimie: Science Des Materiaux, 2002, 27, 63-72.	0.2	35
167	Ã‰tude Ã©lectrochimique de l'inhibition de la corrosion de l'alliage d'aluminium 3003 en milieu bicarbonate par les composÃ©s triazolique. Annales De Chimie: Science Des Materiaux, 2000, 25, 187-200.	0.2	28
168	Effet de l'addition de composes inorganiques sur le comportement a la corrosion de l'alliage d'aluminium 3003 en milieu bicarbonate. Annales De Chimie: Science Des Materiaux, 2000, 25, 593-600.	0.2	7
169	Corrosion inhibition of carbon steel in hydrochloric acid solution using pomegranate leave extracts. Corrosion Engineering Science and Technology, 0, , 1-9.	0.7	11
170	Structural and biochemical assessment of the molecular binding of hexylresorcinol to insect immune phenoloxidase: A quest for a new insecticidal activity. Entomological Research, 0, , .	0.6	0
171	Computational Methods of Corrosion Inhibition Assessment. ACS Symposium Series, 0, , 87-109.	0.5	8