Belkheir Hammouti

List of Publications by Year in Descending Order

196 papers	6,506 citations	44 h-index	72 g-index
198 ext. papers	7,094 ext. citations	3.6 avg, IF	5.67 L-index

#	Paper	IF	Citations
196	Environmental-Friendly Adsorbent Composite Based on Hydroxyapatite/Hydroxypropyl Methyl-Cellulose for Removal of Cationic Dyes from an Aqueous Solution. *Polymers*, **2022**, 14, 2147	4.5	0
195	Temperature and extraction methods effects on yields, fatty acids, and tocopherols of prickly pear (Opuntia ficus-indica L.) seed oil of eastern region of Morocco. *Environmental Science and Pollution Research*, **2021**, 1	5.1	0
194	New Heterocyclic Compounds: Synthesis, Antioxidant Activity and Computational Insights of Nano-Antioxidant as Ascorbate Peroxidase Inhibitor by Various Cyclodextrins as Drug Delivery Systems. *Current Drug Delivery*, **2021**, 18, 334-349	3.2	3
193	Adsorption and inhibition mechanism of (Z)-4-((4-methoxybenzylidene)amino)-5-methyl-2,4-dihydro-3H-1,2,4-triazole-3-thione on carbon steel corrosion in HCl: Experimental and theoretical insights. *Journal of Molecular Structure*, **2021**, 1231, 129901	3.4	7
192	Synthesis and XRD of Novel Ni4(μ3-O)4 Twist Cubane Cluster Using Three NNO Mixed Ligands: Hirshfeld, Spectral, Thermal and Oxidation Properties. *Journal of Cluster Science*, **2021**, 32, 227-234	3	3
191	Understanding Corrosion Inhibition of C38 Steel in HCl Media by Omeprazole: Insights for Experimental and Computational Studies. *Journal of Failure Analysis and Prevention*, **2021**, 21, 213-227	0.9	7
190	Diagnostic study of the olive oil industry in the Eastern region of Morocco. *Materials Today: Proceedings*, **2021**, 45, 7782-7788	1.4	2
189	Biological and pharmaceutical properties of essential oils of Rosmarinus officinalis L. and Lavandula officinalis L. *Materials Today: Proceedings*, **2021**, 45, 7768-7773	1.4	4
188	A new mixed pyrazole-diamine/Ni(II) complex, Crystal structure, physicochemical, thermal and antibacterial investigation. *Journal of Molecular Structure*, **2021**, 1236, 130304	3.4	5
187	Monitoring heavy metal contamination levels and microbiological pollution in seawater of Agadir coastal zones. *Indonesian Journal of Science and Technology*, **2020**, 5, 463-469	6.1	2
186	Novel phenethylimidazolium based ionic liquids: Design, microwave synthesis, in-silico, modeling and biological evaluation studies. *Journal of Molecular Liquids*, **2020**, 315, 113778	6	10
185	Synthesis of novel Cl2Co4L6 clusterusing 1-hydroxymethyl-3,5-dimethylpyrazole (LH) ligand: Crystal structure, spectral, thermal, Hirschfeld surface analysis and catalytic oxidation evaluation. *Journal of Molecular Structure*, **2020**, 1199, 126995	3.4	20
184	Towards Understanding the Anticorrosive Mechanism of Novel Surfactant Based on Mentha pulegium Oil as Eco-friendly Bio-source of Mild Steel in Acid Medium: a Combined DFT and Molecular Dynamics Investigation. *Chemical Research in Chinese Universities*, **2019**, 35, 85-100	2.2	16
183	A phytotoxic impact of phenolic compounds in olive oil mill wastewater on fenugreek "Trigonella foenum-graecum". *Environmental Monitoring and Assessment*, **2019**, 191, 405	3.1	9
182	Experimental and Theoretical Studies on Inhibition of Carbon Steel Corrosion by 1,5-Diaminonaphthalene. *Journal of Bio- and Tribo-Corrosion*, **2018**, 4, 1	2.9	5
181	Biomimetic oxidation of catechol employing complexes formed in situ with heterocyclic ligands and different copper(II) salts. *Journal of the Iranian Chemical Society*, **2018**, 15, 85-92	2	5
180	Chitosan polymer as a green corrosion inhibitor for copper in sulfide-containing synthetic seawater. *International Journal of Biological Macromolecules*, **2018**, 119, 1311-1323	7.9	57

179	Effect of substituted methyl group by phenyl group in pyridazine ring on the corrosion inhibition of mild steel in 1.0 M HCl. *Anti-Corrosion Methods and Materials*, **2018**, 65, 87-96	0.8	8
178	The Synergistic Effect of Chloride Ion and 1,5-Diaminonaphthalene on the Corrosion Inhibition of Mild Steel in 0.5 M Sulfuric Acid: Experimental and Theoretical Insights.. *Surfaces and Interfaces*, **2018**, 13, 168-177	4.1	9
177	Inhibition effect of E and Z conformations of 2-pyridinealdazine on mild steel corrosion in phosphoric acid. *Anti-Corrosion Methods and Materials*, **2017**, 64, 23-35	0.8	10
176	Insights into corrosion inhibition behavior of three chalcone derivatives for mild steel in hydrochloric acid solution. *Journal of Molecular Liquids*, **2017**, 238, 71-83	6	125
175	Influence of the nature of the anchoring group on electron injection processes at dye-titania interfaces. *Physical Chemistry Chemical Physics*, **2017**, 19, 29389-29401	3.6	12
174	Essential oil of Foeniculum vulgare: antioxidant and corrosion inhibitor on mild steel immersed in hydrochloric medium. *Anti-Corrosion Methods and Materials*, **2017**, 64, 563-572	0.8	24
173	Effect of clozapine on inhibition of mild steel corrosion in 1.0 M HCl medium. *Journal of Molecular Liquids*, **2017**, 225, 271-280	6	123
172	Synthesis, characterization and study of methyl 3-(2-oxo-2H-1,4-benzoxazin-3-yl) propanoate as new corrosion inhibitor for carbon steel in 1M H2SO4 solution. *Research on Chemical Intermediates*, **2016**, 42, 987-996	2.8	8
171	The Oil from Mentha rotundifolia as Green Inhibitor of Carbon Steel Corrosion in Hydrochloric Acid. *Chemical Engineering Communications*, **2016**, 203, 270-277	2.2	19
170	Evaluation of Melissa Officinalis Extract and Oil as Eco-friendly Corrosion Inhibitor for Carbon Steel in Acidic Chloride Solutions. *Oriental Journal of Chemistry*, **2016**, 32, 1909-1921	0.8	6
169	Aqueous extracts of olive roots, stems, and leaves as eco-friendly corrosion inhibitor for steel in 1 MHCl medium. *International Journal of Industrial Chemistry*, **2015**, 6, 233-245	3.1	14
168	Synthesis, spectral, electrochemical, crystal structure studies of two novel di-μ-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	3.4	6
167	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	1.2	4
166	A comparative study of electrochemical oxidation of methidation organophosphorous pesticide on SnO2 and boron-doped diamond anodes. *Chemistry Central Journal*, **2015**, 9, 59		8
165	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	6	67
164	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	2.8	9
163	A rapid and an efficient synthesis for 3,5-disubstituted 1,2,4-oxadiazoles under microwave irradiation. *Research on Chemical Intermediates*, **2015**, 41, 1601-1606	2.8	2
162	Inhibition of corrosion of mild steel in 1 M HCl by the essential oil or solvent extracts of Ptychotis verticillata. *Research on Chemical Intermediates*, **2015**, 41, 935-946	2.8	17

161	Adsorption and inhibition effect of 5-phenyl-1,2,4-triazole-3-thione on C38 steel corrosion in 1 M HCl. *Research on Chemical Intermediates*, **2015**, 41, 4617-4634	2.8	9
160	Investigation of inhibition by 6-bromo-3-nitroso-2-phenylimidazol[1,2-a]pyridine of the corrosion of C38 steel in 1 M HCl. *Research on Chemical Intermediates*, **2015**, 41, 913-925	2.8	17
159	Synthesis, characterization, and POM analysis of novel bioactive imidazolium-based ionic liquids. *Medicinal Chemistry Research*, **2015**, 24, 1387-1395	2.2	26
158	Characterisation by electrochemical impedance spectroscopy of a pet membrane electrode based on zeolithe. *Research on Chemical Intermediates*, **2015**, 41, 3261-3273	2.8	
157	5,5-Dimethyl-2,2-di(pyridin-2-yl)hexahydropyrimidine. *MolBank*, **2015**, 2015, M838	0.5	
156	Synergistic effect of potassium iodide in controlling the corrosion of steel in acid medium by Mentha pulegium extract. *Research on Chemical Intermediates*, **2015**, 41, 7973-7980	2.8	15
155	Quantum chemical study of inhibition of the corrosion of mild steel in 1 M hydrochloric acid solution by newly synthesized benzamide derivatives. *Research on Chemical Intermediates*, **2014**, 40, 1069-1088	2.8	16
154	Inhibitive properties of 2,5-bis(n-methylphenyl)-1,3,4-oxadiazole and biocide on corrosion, biocorrosion and scaling controls of brass in simulated cooling water. *Corrosion Science*, **2014**, 80, 442-452	6.8	70
153	Chemical composition and antioxidant activity of essential oils of Thymus broussonetii Boiss. and Thymus algeriensis Boiss. from Morocco. *Asian Pacific Journal of Tropical Disease*, **2014**, 4, 281-286		27
152	Trans/cis isomerization of [RuCl2{H2C=C(CH2PPh2)2)}(diamine)] complexes: synthesis, spectral, crystal structure and DFT calculations and catalytic activity in the hydrogenation of unsaturated ketones. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 117, 250-8	4.4	16
151	Mentha pulegium extract as a natural product for the inhibition of corrosion. Part I: electrochemical studies. *Natural Product Research*, **2014**, 28, 1206-9	2.3	17
150	A theoretical study on the inhibition efficiencies of some quinoxalines as corrosion inhibitors of copper in nitric acid. *Journal of Saudi Chemical Society*, **2014**, 18, 450-455	4.3	86
149	Structural studies on Cd(II) complexes incorporating di-2-pyridyl ligand and the X-ray crystal structure of the chloroform solvated DPMNPH/CdI2 complex. *Inorganic Chemistry Communication*, **2014**, 43, 155-161	3.1	16
148	Synthesis and characterization of composite based on cellulose acetate and hydroxyapatite application to the absorption of harmful substances. *Carbohydrate Polymers*, **2014**, 111, 41-6	10.3	36
147	Effect of three 2-allyl-p-mentha-6,8-dien-2-ols on inhibition of mild steel corrosion in 1M HCl. *Arabian Journal of Chemistry*, **2014**, 7, 680-686	5.9	14
146	Anti-corrosive properties of Argan oil on C38 steel in molar HCl solution. *Journal of Saudi Chemical Society*, **2014**, 18, 19-25	4.3	32
145	New eco-friendly 1-alkyl-3-(4-phenoxybutyl) imidazolium-based ionic liquids derivatives: a green ultrasound-assisted synthesis, characterization, antibacterial activity and POM analyses. *Molecules*, **2014**, 19, 11741-59	4.8	25
144	Crystal structure of 3-(pyrazin-2-ylamino)-2-benzofuran-1(3H)-one, C12H9N3O2. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2014**, 229, 385-386	0.2	

143	Design, synthesis, characterization of novel ruthenium(II) catalysts: highly efficient and selective hydrogenation of cinnamaldehyde to (E)-3-phenylprop-2-en-1-ol. *Molecules*, **2014**, 19, 5965-80	4.8	3
142	Use of hydroxylapatite composite membranes for analysis of bisphenol A. *Research on Chemical Intermediates*, **2014**, 40, 2621-2628	2.8	3
141	Theoretical investigation of inhibition of the corrosion of A106 steel in NaCl solution by di-n-butyl bis(thiophene-2-carboxylato-O,O?)tin(IV). *Research on Chemical Intermediates*, **2014**, 40, 569-586	2.8	9
140	Inhibition of corrosion of copper in nitric acid solution by four amino acids. *Research on Chemical Intermediates*, **2014**, 40, 991-1002	2.8	20
139	Adsorption and corrosion inhibitive properties of piperidine derivatives on mild steel in phosphoric acid medium. *Research on Chemical Intermediates*, **2014**, 40, 1201-1221	2.8	11
138	Study of a cysteine derivative as a corrosion inhibitor for carbon steel in phosphoric acid solution. *Research on Chemical Intermediates*, **2014**, 40, 801-815	2.8	14
137	Phenolic and non-Phenolic Fractions of the Olive Oil Mill Wastewaters as Corrosion Inhibitor for Steel in HCl medium. *Portugaliae Electrochimica Acta*, **2014**, 32, 1-19	2.4	7
136	Inhibition Effects on the Corrosion of Mild Steel in 1 M HCl by 1,1'-(2,2'-(2,2'-oxybis(ethane-2,1-diyl)bis(sulfanediyl)) bis(ethane-2,1-diyl))diazepan-2-one. *Portugaliae Electrochimica Acta*, **2014**, 32, 35-50	2.4	12
135	X-ray single-crystal structure of a novel di-□-chloro-bis[chloro(2,9-dimethyl-1,10-phenanthroline)nickel(II)] complex: synthesis, and spectral and thermal studies. *Research on Chemical Intermediates*, **2013**, 39, 4011-4020	2.8	7
134	Studies on the inhibitive effect of potassium ferrocyanide on the corrosion of steel in phosphoric acid. *Research on Chemical Intermediates*, **2013**, 39, 3475-3485	2.8	6
133	Synthesis and evaluation of bipyrazolic derivatives as inhibitors of corrosion of C38 steel in molar hydrochloric acid. *Research on Chemical Intermediates*, **2013**, 39, 3441-3461	2.8	1
132	Interaction between poly(4-vinylpyridine-graft-bromodecane) and textile blue basic dye by spectrophotometric study. *Research on Chemical Intermediates*, **2013**, 39, 3199-3208	2.8	1
131	Hydratation mechanism of a zinc phosphate cement and development of its mechanical profile. *Research on Chemical Intermediates*, **2013**, 39, 3117-3126	2.8	1
130	Inhibitive effect of imidazopyridine derivative towards corrosion of C38 steel in hydrochloric acid solution. *Research on Chemical Intermediates*, **2013**, 39, 2369-2377	2.8	9
129	Novel di-□-chloro-bis[chloro(4,7-dimethyl-1,10-phenanthroline)cadmium(II)] dimer complex: synthesis, spectral, thermal, and crystal structure studies. *Research on Chemical Intermediates*, **2013**, 39, 2451-2461	2.8	8
128	Adsorption and corrosion inhibition of mild steel in hydrochloric acid solution by verbena essential oil. *Research on Chemical Intermediates*, **2013**, 39, 973-989	2.8	16
127	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	2.8	20
126	Quantum chemical study of some triazoles as inhibitors of corrosion of copper in acid media. *Research on Chemical Intermediates*, **2013**, 39, 1279-1289	2.8	7

125	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	3.9	59
124	Trans/cis isomerization of [RuCl2(diphosphine)(diamine)] complexes: synthesis, X-ray structure and catalytic activity in hydrogenation. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 105, 466-73	4.4	4
123	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	1.2	27
122	Inhibition of mild steel corrosion in 5 % HCl solution by 5-(2-hydroxyphenyl)-1,2,4-triazole-3-thione. *Research on Chemical Intermediates*, **2013**, 39, 2777-2793	2.8	22
121	Electrochemical degradation of buprofezin insecticide in aqueous solutions by anodic oxidation at boron-doped diamond electrode. *Research on Chemical Intermediates*, **2013**, 39, 505-516	2.8	16
120	Synthesis and optimization of a new calcium phosphate ceramic using a design of experiments. *Research on Chemical Intermediates*, **2013**, 39, 659-669	2.8	4
119	Synthesis, spectral, thermal, and a crystalline structure of complexes containing [MeC(CH2PPh2)3Cu(I)]. *Research on Chemical Intermediates*, **2013**, 39, 721-732	2.8	5
118	New catalysts for the chemoselective reduction of α,β-unsaturated ketones: Synthesis, spectral, structural and DFT characterizations of mixed ruthenium(II) complexes containing 2-ethene-1,3-bis(diphenylphosphino)propane and diamine ligands. *Polyhedron*, **2013**, 63, 182-188	2.7	9
117	Inhibitive Properties and Adsorption of Purpald as a Corrosion Inhibitor for Copper in Nitric Acid Medium. *Industrial & Engineering Chemistry Research*, **2013**, 52, 2560-2568	3.9	73
116	Synthesis, characterization and the antimicrobial activity of new eco-friendly ionic liquids. *Chemosphere*, **2013**, 91, 1627-34	8.4	29
115	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	2.8	23
114	Inhibition effect of horehound (Marrubium vulgare L.) extract towards C38 steel corrosion in HCl solution. *Research on Chemical Intermediates*, **2013**, 39, 3291-3302	2.8	15
113	Synergistic effect of AM-4VP-9 copolymer and iodide ion on corrosion inhibition of mild steel in 1 M H2SO4. *Research on Chemical Intermediates*, **2013**, 39, 1753-1770	2.8	15
112	The effect of some triazole derivatives as inhibitors for the corrosion of mild steel in 5 % hydrochloric acid. *Research on Chemical Intermediates*, **2013**, 39, 3089-3103	2.8	23
111	Experimental study of inhibition of corrosion of mild steel in 1 M HCl solution by two newly synthesized calixarene derivatives. *Research on Chemical Intermediates*, **2013**, 39, 3649-3667	2.8	5
110	One step synthesis of NiO nanoparticles via solid-state thermal decomposition at low-temperature of novel aqua(2,9-dimethyl-1,10-phenanthroline)NiCl2 complex. *International Journal of Molecular Sciences*, **2013**, 14, 23941-54	6.3	56
109	rac-(E,E)-N,N'-Bis(2-chloro-benzyl-idene)cyclo-hexane-1,2-di-amine. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1075		3
108	N'-[(E)-2-Chloro-benzyl-idene]thio-phene-2-carbohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1442		2

107	Thermodynamic Study and Characterization by Electrochemical Technique of Pyrazole Derivatives as Corrosion Inhibitors for C38 Steel in Molar Hydrochloric Acid. *Portugaliae Electrochimica Acta*, **2013**, 31, 53-78	2.4	11
106	Inhibition of copper corrosion in acid solution by N-1-naphthylethylenediamine dihydrochloride monomethanolate: experimental and theoretical study: part-1. *Research on Chemical Intermediates*, **2012**, 38, 1079-1089	2.8	10
105	Catecholase activity investigation for pyridazinone- and thiopyridazinone-based ligands. *Research on Chemical Intermediates*, **2012**, 38, 1987-1998	2.8	6
104	Poly(4-vinylpyridine-hexadecyl bromide) as corrosion inhibitor for mild steel in acid chloride solution. *Research on Chemical Intermediates*, **2012**, 38, 2309-2325	2.8	22
103	5-Naphthylazo-8-hydroxyquinoline (5NA8HQ) as a novel corrosion inhibitor for mild steel in hydrochloric acid solution. *Research on Chemical Intermediates*, **2012**, 38, 1591-1607	2.8	30
102	Thermodynamic study of metal corrosion and inhibitor adsorption processes in copper/N-1-naphthylethylenediamine dihydrochloride monomethanolate/nitric acid system: part 2. *Research on Chemical Intermediates*, **2012**, 38, 1655-1668	2.8	9
101	Experimental and theoretical study for corrosion inhibition of mild steel 1 M HCl solution by some new diaminopropanenitrile compounds. *Research on Chemical Intermediates*, **2012**, 38, 1669-1690	2.8	15
100	Argan hulls extract: green inhibitor of mild steel corrosion in 1 M HCl solution. *Research on Chemical Intermediates*, **2012**, 38, 1707-1717	2.8	25
99	Theoretical study of the corrosion inhibition of some bipyrazolic derivatives: a conceptual DFT investigation. *Research on Chemical Intermediates*, **2012**, 38, 2009-2023	2.8	12
98	Some new bipyrazole derivatives as corrosion inhibitors for C38 steel in acidic medium. *Research on Chemical Intermediates*, **2012**, 38, 2051-2063	2.8	37
97	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	2.8	10
96	Catechol oxidation: activity studies using electron-rich nitrogen-based ligands. *Research on Chemical Intermediates*, **2012**, 38, 2427-2433	2.8	11
95	Evaluation of catalytic activity of imidazolo[1,2-a]pyridine derivatives: oxidation of catechol. *Research on Chemical Intermediates*, **2012**, 38, 2457-2470	2.8	4
94	Optimisation of hardness and setting time of dental zinc phosphate cement using a design of experiments. *Arabian Journal of Chemistry*, **2012**, 5, 347-351	5.9	6
93	Essential oil of Salvia aucheri mesatlantica as a green inhibitor for the corrosion of steel in 0.5M H2SO4. *Arabian Journal of Chemistry*, **2012**, 5, 467-474	5.9	66
92	Inhibition of copper corrosion by bipyrazole compound in aerated 3% NaCl. *Journal of Saudi Chemical Society*, **2012**, 16, 413-418	4.3	29
91	The effect of 2-aminoquinoline-6-carboxylic acid on the corrosion behavior of mild steel in hydrochloric acid. *Journal of the Iranian Chemical Society*, **2012**, 9, 635-641	2	6
90	Analysis of cypermethrin residues and its main degradation products in soil and formulation samples by gas chromatography-electron impact-mass spectrometry in the selective ion monitoring mode. *International Journal of Environmental Analytical Chemistry*, **2012**, 92, 1378-1388	1.8	6

89	Synthesis, spectral, thermal, X-ray single crystal of new RuCl(dppb)diamine complexes and their application in hydrogenation of Cinnamic aldehyde. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2012**, 95, 374-81	4.4	10
88	Carob seed oil: an efficient inhibitor of C38 steel corrosion in hydrochloric acid. *International Journal of Industrial Chemistry*, **2012**, 3, 25	3.1	8
87	Corrosion control of carbon steel in phosphoric acid by purpald Weight loss, electrochemical and XPS studies. *Corrosion Science*, **2012**, 64, 243-252	6.8	181
86	DFT and quantum chemical investigation of molecular properties of substituted pyrrolidinones. *Arabian Journal of Chemistry*, **2012**, 5, 163-166	5.9	30
85	(2,9-Dimethyl-1,10-phenanthroline-2)N,N')bis-(thio-cyanato-S)mercury(II). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m1259		1
84	Inhibition of Mild Steel Corrosion by some Phenyltetrazole Substituted Compounds in Hydrochloric Acid. *Portugaliae Electrochimica Acta*, **2012**, 30, 53-65	2.4	23
83	Inhibitive Action of Argan Press Cake Extract on the Corrosion of Steel in Acidic Media. *Portugaliae Electrochimica Acta*, **2012**, 30, 267-279	2.4	10
82	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	2.4	40
81	Chemical composition and antioxidant activity of essential oils and solvent extracts of Ptychotis verticillata from Morocco. *Food and Chemical Toxicology*, **2011**, 49, 533-6	4.7	24
80	Synthesis, spectroscopic characterization and catalytic significance of Palladium(II) complexes derived from 1,1 bis(diphenylphosphinomethyl)ethane. *Journal of Molecular Structure*, **2011**, 1002, 107-112	3.4	12
79	The effect of 1?,3,5,5?-tetramethyl-1?H-1,3?-bipyrazole on the corrosion of steel in 1.0 M hydrochloric acid. *Research on Chemical Intermediates*, **2011**, 37, 985-1007	2.8	27
78	Thermodynamic, chemical and electrochemical investigations of 2-mercapto benzimidazole as corrosion inhibitor for mild steel in hydrochloric acid solutions. *Arabian Journal of Chemistry*, **2011**, 4, 17-24	5.9	58
77	Corrosion inhibition of steel in molar HCl by triphenyltin2Ethiophene carboxylate. *Arabian Journal of Chemistry*, **2011**, 4, 243-247	5.9	26
76	Fennel (Foeniculum Vulgare) Essential Oil as Green Corrosion Inhibitor of Carbon Steel in Hydrochloric Acid Solution. *Portugaliae Electrochimica Acta*, **2011**, 29, 127-138	2.4	64
75	TWO DIPODAL PYRIDIN-PYRAZOL DERIVATIVES AS EFFICIENT INHIBITORS OF MILD STEEL CORROSION IN HCL SOLUTION PART I: ELECTROCHEMICAL STUDY. *Surface Review and Letters*, **2011**, 18, 303-313	1.1	9
74	Adsorption and Corrosion Inhibition Behavior of C38 Steel by one Derivative of Quinoxaline in 1 M HCl. *Portugaliae Electrochimica Acta*, **2011**, 29, 57-68	2.4	16
73	Corrosion Inhibition of Carbon Steel by Imidazolium and Pyridinium Cations Ionic Liquids in Acidic Environment. *Portugaliae Electrochimica Acta*, **2011**, 29, 375-389	2.4	36
72	Effect of some new diazole derivatives on the corrosion behaviour of steel in 1 M HCl. *Desalination and Water Treatment*, **2010**, 20, 35-44		4

71	Adsorption properties and inhibition of mild steel corrosion in hydrochloric solution by some newly synthesized diamine derivatives: Experimental and theoretical investigations. *Corrosion Science*, **2010**, 52, 3042-3051	6.8	259
70	Thermodynamic properties of Thymus satureioides essential 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	4.7	28
69	Chemical variability of Artemisia herba-alba Asso essential oils from East Morocco. *Chemical Papers*, **2010**, 64,	1.9	19
68	Effect of some tripodal bipyrazolic compounds on C38 steel corrosion in hydrochloric acid solution. *Journal of Applied Electrochemistry*, **2010**, 40, 1575-1582	2.6	43
67	Kinetic investigation of C38 steel corrosion in concentrated perchloric acid solutions. *Materials Chemistry and Physics*, **2010**, 120, 61-64	4.4	7
66	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	5.9	44
65	Testing Natural Fenugreek as an Ecofriendly Inhibitor for Steel Corrosion in 1 M HCl. *Portugaliae Electrochimica Acta*, **2010**, 28, 165-172	2.4	15
64	APPLICATION OF ESSENTIAL OIL OF ARTEMISIA HERBA ALBA AS GREEN CORROSION INHIBITOR FOR STEEL IN 0.5 M H2SO4. *Surface Review and Letters*, **2009**, 16, 49-54	1.1	28
63	THERMODYNAMIC STUDY OF CORROSION AND INHIBITOR ADSORPTION PROCESSES ONTO C38 STEEL/PIPERAZINES/PHOSPHORIC ACID SYSTEMS. *Surface Review and Letters*, **2009**, 16, 609-615	1.1	3
62	INVESTIGATION OF ADSORPTION AND INHIBITIVE EFFECT OF CALIXARENE DERIVATIVE NEWLY SYNTHESIZED TOWARDS C38 STEEL IN MOLAR HCl. *Surface Review and Letters*, **2009**, 16, 401-406	1.1	2
61	Some benzotriazole derivatives as corrosion inhibitors for copper in acidic medium: Experimental and quantum chemical molecular dynamics approach. *Materials Chemistry and Physics*, **2009**, 117, 148-155	4.4	105
60	Piperazine derivatives as inhibitors of the corrosion of mild steel in 3.9 M HCl. *Journal of Applied Electrochemistry*, **2009**, 39, 1075-1079	2.6	10
59	CORROSION INHIBITION OF CARBON STEEL IN ACIDIC MEDIA BY BIFURCARIA BIFURCATA EXTRACT. *Chemical Engineering Communications*, **2009**, 196, 788-800	2.2	34
58	SYNTHESIS, CHARACTERIZATION, AND COMPARATIVE STUDY OF PYRIDINE DERIVATIVES AS CORROSION INHIBITORS OF MILD STEEL IN HCl MEDIUM. *Chemical Engineering Communications*, **2009**, 196, 1536-1546	2.2	36
57	Some amino acids as corrosion inhibitors for copper in nitric acid solution. *Materials Letters*, **2008**, 62, 3325-3327	3.3	111
56	Novel calixarene derivatives as inhibitors of mild C-38 steel corrosion in 1 M HCl. *Journal of Applied Electrochemistry*, **2008**, 38, 1253-1258	2.6	11
55	Effect of pulegone and pulegone oxide on the corrosion of steel in 1 M HCl. *Monatshefte F Chemie*, **2008**, 139, 1417-1422	1.4	9
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