Citation Report

List of articles citing

Sildenafil citrate (Viagra) as a corrosion inhibitor for carbon steel in hydrochloric acid solutions

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Monatshefte Fr Chemie, 2012, 143, 1379-1387.

#	Paper	IF	Citations
36	Response and contribution to the comments by G. Shama on the paper entitled Drugs: A review of promising novel corrosion inhibitors *Corrosion Science*, **2012**, 60, 3	6.8	2
35	The Effect of Non Ionic Surfactants Containing Triazole, Thiadiazole and Oxadiazole as Inhibitors of the Corrosion of Carbon Steel in 1M Hydrochloric Acid. *Journal of Surfactants and Detergents*, **2013**, 16, 937-946	1.9	29
34	Corrosion Inhibition and Adsorption Behavior of Setaria verticillata Leaf Extract in 1M Sulphuric Acid. *Journal of Materials Engineering and Performance*, **2013**, 22, 3792-3800	1.6	21
33	Pharmaceuticals in the Environment. *Comprehensive Analytical Chemistry*, **2013**, 37-69	1.9	5
32	Gatifloxacin as corrosion inhibitor for carbon steel in hydrochloric acid solutions. *Protection of Metals and Physical Chemistry of Surfaces*, **2014**, 50, 825-832	0.9	15
31	Anticorrosive Activity of Kigelia pinnata Leaves Extract on Mild Steel in Acidic Media. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2014**, 45, 4510-4524	2.3	20
30	Corrosion inhibition of stainless steel type 316L in hydrochloric acid solution using p-aminoazobenzene derivatives. *Protection of Metals and Physical Chemistry of Surfaces*, **2015**, 51, 473-480	0.9	8
29	Performance of EP/PpPDA and EP/PpPDA/SiO2 nanocomposite on corrosion inhibition of steel in hydrochloric acid solution. *Progress in Organic Coatings*, **2015**, 82, 7-16	4.8	6
28	Investigation of adsorption and inhibition effects of some novel anil compounds towards mild steel in H2SO4 solution: Electrochemical and theoretical quantum studies. *Journal of Electroanalytical Chemistry*, **2015**, 758, 135-147	4.1	48
27	Adsorption and electrochemical studies of Pimenta dioica leaf extracts as corrosion inhibitor for mild steel in hydrochloric acid. *Materials Chemistry and Physics*, **2015**, 167, 28-41	4.4	86
26	Synthesis, Surface Properties, and Inhibiting Action of Novel Nonionic Surfactants on Carbon Steel Corrosion in 1 M Hydrochloric Acid Solution. *Chemical Engineering Communications*, **2015**, 151015052853008	2.2	2
25	Inhibition of the corrosion of mild steel in acidic media by use of a new antipyridine derivative. *Research on Chemical Intermediates*, **2015**, 41, 5961-5984	2.8	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	Acenaphtho[1,2-b]quinoxaline and acenaphtho[1,2-b]pyrazine as corrosion inhibitors for mild steel in acid medium. *Measurement: Journal of the International Measurement Confederation*, **2016**, 77, 175-186	4.6	62
22	Chemical and Electrochemical Studies on the Areca Fat as a Novel and Sustainable Corrosion Inhibitor for Industrially Important Materials in Hostile Fluid Environments. *Journal of Bio- and Tribo-Corrosion*, **2017**, 3, 1	2.9	9
21	Adsorption and corrosion inhibiting behavior of Lannea coromandelica leaf extract on mild steel corrosion. *Arabian Journal of Chemistry*, **2017**, 10, S2343-S2354	5.9	75
20	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

19	Competent inhibitor for the corrosion of zinc in hydrochloric acid based on 2,6-bis-[1-(2-phenylhydrazono)ethyl]pyridine. *Chemical Engineering Communications*, **2019**, 206, 137-148	2.2	20
18	Tamarind shell tannin extracts as green corrosion inhibitors of mild steel in hydrochloric acid medium. *Materials Research Express*, **2019**, 6, 106579	1.7	10
17	Corrosion Inhibition of Two Aluminum Silicon Alloys in 0.5 M HCl Solution by Some Azole Derivatives Using Electrochemical Techniques. *Surface Engineering and Applied Electrochemistry*, **2019**, 55, 172-182	0.8	5
16	Performance of tramadol drug as a safe inhibitor for aluminum corrosion in 1.0 M HCl solution and understanding mechanism of inhibition using DFT. *Egyptian Journal of Petroleum*, **2019**, 28, 173-181	3.4	31
15	Stigmasterol extracted from Ficus hispida leaves as a green inhibitor for the mild steel corrosion in 1 M HCl solution. *Arabian Journal of Chemistry*, **2019**, 12, 3345-3356	5.9	65
14	Sildenafil drug as a safe anticorrosion for 6063 aluminum alloy in acidic and alkaline solutions: Theoretical and experimental studies. *Egyptian Journal of Petroleum*, **2020**, 29, 211-218	3.4	7
13	Enhancing the inhibition and adsorption performance of SABIC iron corrosion in sulfuric acid by expired vitamins. Experimental and computational approach.. *RSC Advances*, **2021**, 11, 17092-17107	3.7	10
12	Synthesis of Nonionic Surfactants Containing Five Membered Ring: Application as Corrosion Inhibitor of Carbon Steel in 0.5 M H2SO4 Solution. *Protection of Metals and Physical Chemistry of Surfaces*, **2021**, 57, 389-397	0.9	6
11	Enhancing the anticorrosion performance of mild steel in sulfuric acid using synthetic non-ionic surfactants: practical and theoretical studies. *Green Chemistry Letters and Reviews*, **2021**, 14, 382-394	4.7	2
10	Enhancement of adsorption and anticorrosion performance of two polymeric compounds for the corrosion of SABIC carbon steel in hydrochloric acid. *Journal of Adhesion Science and Technology*, 1-19	2	10
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8	Expired azithromycin and roxithromycin drugs as environmentally friendly inhibitors for mild steel corrosion in H2SO4 solutions. *Green Chemistry Letters and Reviews*, **2021**, 14, 509-518	4.7	3
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5	Some pyrazole derivatives as corrosion inhibitors for carbon steel in hydrochloric acid solutions. *European Journal of Chemistry*, **2015**, 6, 342-349	0.6	3
4	Naturally Occurring Elettaria cardamomum Extract as a Corrosion Inhibitor for the Dissolution of Zinc in 1.0 M HCl. *ISRN Corrosion*, **2012**, 2012, 1-6		2
3	Natural parsley oil as a green and safe inhibitor for corrosion of X80 carbon steel in 0.5 M HSO solution: a chemical, electrochemical, DFT and MC simulation approach.. *RSC Advances*, **2022**, 12, 2959-2971	3.7	0
2	Investigation of the anticorrosion and adsorption properties of two polymer compounds on the corrosion of SABIC iron in 1 M HCl solution by practical and computational approaches. *RSC Advances*, **2022**, 12, 20122-20137	3.7	0

1	Corrosion Control of Carbon Steel in Acidic Media by Nonionic Surfactant Compounds Derived from 1,3,4-Oxadiazole and 1,3,4-Thiadiazole. ArticleID:221255	0