Muzaffer - Ã–zcan

List of Publications by Year
in descending order

15 papers	1,539 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1099 citing authors

#	Article	IF	Citations
1	Why Equilibrium Constants Are Unitless. Journal of Physical Chemistry Letters, 2022, 13, 3507-3509.	4.6	5
2	Revisiting the analysis of impedance data for double layer capacitance. Analyst, The, 2015, 140, 5216-5219.	3.5	1
3	Insights into surfaceâ€“adsorbate interactions in corrosion inhibition processes at the molecular level. Corrosion Science, 2014, 80, 482-486.	6.6	47
4	Determination of impedance parameters for mild steel/HCl interface using integration method. Corrosion Science, 2012, 54, 201-204.	6.6	15
5	On the Extraction of Double-Layer Capacitances for Nonideal Capacitive Behaviors. Industrial & Engineering Chemistry Research, 2012, 51, 14061-14064.	3.7	1
6	Experimental and theoretical studies of thiazoles as corrosion inhibitors for mild steel in sulphuric acid solution. Corrosion Science, 2011, 53, 2902-2913.	6.6	408
7	Copper modified poly-6-amino-m-cresol (poly-AmC/Cu) coating for mild steel protection. Surface and Coatings Technology, 2009, 203, 1469-1473.	4.8	17
8	AC impedance measurement of cystine adsorption at mild steel/sulfuric acid interface as corrosion inhibitor. Journal of Solid State Electrochemistry, 2008, 12, 1653-1661.	2.5	69
9	Adsorption properties of barbiturates as green corrosion inhibitors on mild steel in phosphoric acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 325, 57-63.	4.7	135
10	Investigation of adsorption characteristics of methionine at mild steel/sulfuric acid interface: An experimental and theoretical study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 316, 55-61.	4.7	88
11	Interfacial Behavior of Cysteine between Mild Steel and Sulfuric Acid as Corrosion Inhibitor. Acta Physico-chimica Sinica, 2008, 24, 1387-1392.	0.6	57
12	The effect of temperature on the corrosion of mild steel in acidic media in the presence of some sulphur-containing organic compounds. Materials Chemistry and Physics, 2006, 98, 316-323.	4.0	163
13	Electrochemical and quantum chemical studies of some sulphur-containing organic compounds as inhibitors for the acid corrosion of mild steel. Progress in Organic Coatings, 2004, 51, 181-187.	3.9	75
14	Organic sulphur-containing compounds as corrosion inhibitors for mild steel in acidic media: correlation between inhibition efficiency and chemical structure. Applied Surface Science, 2004, 236, 155-164.	6.1	437
15	EIS study of the effect of high levels of SO2 on the corrosion of polyester-coated galvanised steel at different relative humidities. Progress in Organic Coatings, 2002, 44, 279-285.	3.9	21