

Muzaffer - Ã-zcan

List of Publications by Year in descending order

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Version: 2024-02-01

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