Gamal Ahmed El-Mahdy

List of Publications by Year
in descending order

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12	452	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	410
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical corrosion monitoring of galvanized steel under cyclic wetâ€“dry conditions. Corrosion Science, 2000, 42, 183-194.	6.6	113
2	AC impedance study on corrosion of 55%Alâ€“Zn alloy-coated steel under thin electrolyte layers. Corrosion Science, 2000, 42, 1509-1521.	6.6	96
3	Synthesis of Environmentally Friendly Highly Dispersed Magnetite Nanoparticles Based on Rosin Cationic Surfactants as Thin Film Coatings of Steel. International Journal of Molecular Sciences, 2014, 15, 6974-6989.	4.1	46
4	AC impedance study on the atmospheric corrosion of aluminum under periodic wetâ€“dry conditions. Electrochimica Acta, 2004, 49, 1937-1948.	5.2	44
5	Electrochemical impedance study on brass corrosion in NaCl and (NH4)2SO4 solutions during cyclic wet?dry conditions. Journal of Applied Electrochemistry, 2005, 35, 347-353.	2.9	36
6	Atmospheric corrosion of copper under wet/dry cyclic conditions. Corrosion Science, 2005, 47, 1370-1383.	6.6	33
7	sym-Trisubstituted 1,3,5-Triazine Derivatives as Promising Organic Corrosion Inhibitors for Steel in Acidic Solution. Molecules, 2016, 21, 436.	3.8	27
8	Influence of second phases on the electrochemical behavior of hot dipped Alâ€“Mgâ€“Si coated steel. Corrosion Science, 2010, 52, 2379-2386.	6.6	25
9	Preparation and Application of Crosslinked Poly(sodium acrylate)-Coated Magnetite Nanoparticles as Corrosion Inhibitors for Carbon Steel Alloy. Molecules, 2015, 20, 1244-1261.	3.8	22
10	A Laboratory Study On The Atmospheric Corrosion of Nickel in NaCl Solutions During Cycling Wet-dry Conditions. Electrochemistry, 2007, 75, 403-410.	1.4	6
11	Electrochemical Behavior of Gradient Polished Surface of Hot Dipped Al-Si Coated Steel. Electrochemistry, 2010, 78, 188-190.	1.4	3
12	Effect of Scratching of Coating Surface on the Electrochemical Behavior of PVD Al-Mg-Si Coated Steel. Electrochemistry, 2012, 80, 214-217.	1.4	1