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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2000 - 2005
Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, Turkey 1997 - 2000
Undergraduate, Middle East Technical University, Faculty Of Education, Kimya Öğretmenliği, Turkey 1992 - 1997

Foreign Languages

English, C1 Advanced

Research Areas

Chemistry, Physical Chemistry, Electrochemistry, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Eğitim Fakültesi, İlköğretim, 2015 - Continues
Associate Professor, Cukurova University, Eğitim Fakültesi, İlköğretim, 2010 - 2015
Assistant Professor, Cukurova University, Eğitim Fakültesi, İlköğretim, 2007 - 2010
Lecturer PhD, Cukurova University, Eğitim Fakültesi, İlköğretim, 2005 - 2007

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Why Equilibrium Constants Are Unitless**
ÖZCAN M.
JOURNAL OF PHYSICAL CHEMISTRY LETTERS, vol.13, no.15, pp.3507-3509, 2022 (SCI-Expanded)

II. **Revisiting the analysis of impedance data for double layer capacitance**
Ozcan M.
ANALYST, vol.140, no.15, pp.5216-5219, 2015 (SCI-Expanded)

III. **Insights into surface-adsorbate interactions in corrosion inhibition processes at the molecular level**
ÖZCAN M., Toffoli D., Ustunel H., DEHRİ İ.
CORROSION SCIENCE, vol.80, pp.482-486, 2014 (SCI-Expanded)

IV. **On the Extraction of Double-Layer Capacitances for Nonideal Capacitive Behaviors**
ÖZCAN M., DEHRİ İ., ERBİL M.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.51, no.43, pp.14061-14064, 2012 (SCI-Expanded)

V. **Quantum Chemical Studies on the Corrosion Inhibition of Mild Steel by Some Triazoles and Benzimidazole Derivatives in Acidic Medium**
Kabanda M. M., Murulana L. C., Özcan M., Karadağ F., Dehri I., Obot I. B., Ebenso E. E.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.7, pp.5035-5056, 2012 (SCI-Expanded)

VI. **Determination of impedance parameters for mild steel/HCl interface using integration method**
ÖZCAN M., DEHRİ İ.
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VII. **Experimental and theoretical studies of thiazoles as corrosion inhibitors for mild steel in sulphuric acid solution**
Doner A., Solmaz R., ÖZCAN M., KARDAŞ G.
CORROSION SCIENCE, vol.53, no.9, pp.2902-2913, 2011 (SCI-Expanded)

VIII. **Copper modified poly-6-amino-m-cresol (poly-AmC/Cu) coating for mild steel protection**
Keles H., Solmaz R., Oezcan M., Kardas G., DEHRİ İ.
SURFACE & COATINGS TECHNOLOGY, vol.203, no.10-11, pp.1469-1473, 2009 (SCI-Expanded)

IX. **AC impedance measurement of cystine adsorption at mild steel/sulfuric acid interface as corrosion inhibitor**
Oezcan M.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.12, no.12, pp.1653-1661, 2008 (SCI-Expanded)

X. **Interfacial behavior of cysteine between mild steel and sulfuric acid as corrosion inhibitor**
ÖZCAN M., KARADAĞ F., DEHRİ İ.
ACTA PHYSICO-CHIMICA SINICA, vol.24, no.8, pp.1387-1392, 2008 (SCI-Expanded)

XI. **Adsorption properties of barbiturates as green corrosion inhibitors on mild steel in phosphoric acid**
Oezcan M., Solmaz R., Kardas G., DEHRİ İ.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.325, no.1-2, pp.57-63, 2008 (SCI-Expanded)

XII. **Investigation of adsorption characteristics of methionine at mild steel/sulfuric acid interface: An experimental and theoretical study**
Ozecan M., KARADAĞ F., DEHRİ İ.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.316, no.1-3, pp.55-61, 2008 (SCI-Expanded)

XIII. **The effect of temperature on the corrosion of mild steel in acidic media in the presence of some sulphur-containing organic compounds**
Dehri I., Ozcan M.
MATERIALS CHEMISTRY AND PHYSICS, vol.98, pp.316-323, 2006 (SCI-Expanded)

XIV. **Electrochemical and quantum chemical studies of some sulphur-containing organic compounds as inhibitors for the acid corrosion of mild steel**
Ozcan M., Dehri I.
PROGRESS IN ORGANIC COATINGS, vol.51, no.3, pp.181-187, 2004 (SCI-Expanded)

XV. **Organic sulphur-containing compounds as corrosion inhibitors for mild steel in acidic media: correlation between inhibition efficiency and chemical structure**
Ozcan M., Dehri I., Erbil M.
APPLIED SURFACE SCIENCE, vol.236, pp.155-164, 2004 (SCI-Expanded)

XVI. **EIS study of the effect of high levels of SO2 on the corrosion of polyester-coated galvanised steel at different relative humidities**
Ozcan M., Dehri I., Erbil M.
PROGRESS IN ORGANIC COATINGS, vol.44, no.4, pp.279-285, 2002 (SCI-Expanded)

Metrics

Publication: 17
Citation (WoS): 1487
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H-Index (Scopus): 12