Prof. MEHMET HALUK TÜRKDEMİR

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1983 - 1989
Undergraduate, Ankara University, Fen Fakültesi, Turkey 1975 - 1980

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, KİMYA, 2008 - Continues

Academic and Administrative Experience

Vice Dean, Inonu University, Fen-Edebiyat Fakültesi, 2003 - 2006
Head of Department, Inonu University, Fen-Edebiyat Fakültesi, 2001 - 2002

Advising Theses

TÜRKDEMİR M. H., Electrochemical and spectroscopic characterization of textile dyes, Postgraduate, D.YILMAZ(Student), 2018
TÜRKDEMİR M. H., Determining of atioxidant capacity in green leaves of some woody plants, comparasion of methods and propose new methods, Postgraduate, A.AKBAL(Student), 2014
TÜRKDEMİR M. H., Preperation of oxalate enzymatic electrode and optimization of the voltammetric analysis conditions against oxalic acid interference, Postgraduate, Ş.ŞENOL(Student), 2011
TÜRKDEMİR M. H., Investigation of voltammetric behaviour and analysis of veratryl alcohol-veratryl aldehyde couple, Postgraduate, A.SARIHAN(Student), 2010
TÜRKDEMİR M. H., Yarışmalı adsorplanan benzer yapıdaki organik maddelerin spektroskopik analizi ve kimyada adsorpsiyon modellemesi, Doctorate, D.DOĞAN(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Synthesis, structures and anticancer potentials of platinum(II) saccharinate complexes of tertiary phosphines with phenyl and cyclohexyl groups targeting mitochondria and DNA**
YILMAZ V. T., İÇSEL C., Turgut O. R., AYGÜN M., Erkisa M., TÜRKDEMİR M. H., Ulukaya E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.609-622, 2018 (SCI-Expanded)

II. **Relation between Silver Nanoparticle Formation Rate and Antioxidant Capacity of Aqueous Plant Leaf Extracts**
Akbal A., TÜRKDEMİR M. H., ÇİÇEK A., ULUĞ B.
JOURNAL OF SPECTROSCOPY, vol.2016, 2016 (SCI-Expanded)

III. **Role of irradiation in the green synthesis of silver nanoparticles mediated by fig (Ficus carica) leaf extract**
ULUĞ B., TÜRKDEMİR M. H., ÇİÇEK A., METE A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.135, pp.153-161, 2015 (SCI-Expanded)

Articles Published in Other Journals

I. **Structure Spectroscopic and Thermal Characterization of bis Acetylacetonato dichloro Tin IV Synthesized In Aqueous Solution**
ULUĞ B., TÜRKDEMİR M. H., ULUĞ A., BÜYÜKGÜNGÖR O., YÜCEL M., Smyntyna V. A., Grinevych V. S., Filevskaya L. N.
Ukraniain Cemistry Journal, vol.2010, pp.12-17, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Krom Kaplanmış Plastiklerin Ayrıştırılarak (Plastik-Metal) Ekonomiye Geri Kazandırılması**
Tüfekçi Ç., Gündoğdu Y., TÜRKDEMİR M. H.
OTEKON 2018, 7 - 08 May 2018

II. **Katyonik (Bazik) Tekstil Boyalarının UV-VIS Spektroskopik İncelenmesi ve Analizi,**
YILMAZ D., DOĞAN B., SÖNMEZ E., TÜRKDEMİR M. H.
XV. Ulusal Spektroskopi Kongresi, Yalova, Turkey, 17 - 19 May 2017

III. **Tekstil Boyar Maddeleri ve Yardımcı Kimyasalların Voltametrik ve Spektroskopik Karakteristiklerine Yönelik Veri Tabanı Oluşturulması**
YILMAZ D., TEKE Ş., TÜRKDEMİR M. H.
16TH International the Recent Progress Symposium on Textile Technology and Chemistry, 4 - 06 May 2017

IV. **New Approaches to the Characterization of Textile Dyes**
YILMAZ D., TEKE Ş., TÜRKDEMİR M. H.
16TH International the Recent Progress Symposium on Textile Technology and Chemistry, 4 - 06 May 2017

V. **An Approach to Improve the Relation Between Silver Nanoparticle Formation Rate and Antioxidant Capacity of Aqueous Plant Leaf Extracts**
AKBAL A., TÜRKDEMİR M. H., ÇİÇEK A., ULUĞ B.
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

VI. **Electrochemical Characterization of Cotton Reactive Dyes**
YILMAZ D., TÜRKDEMİR M. H.
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

VII. **Electroanalysis of Some Pyridine Derivatives in Non aqueous Media**
TEKDEMİR Z., TÜRKDEMİR M. H.
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

VIII. **A Novel Approach to Characterization and Analysis of Cationic Textile Dyes**
YILMAZ D., TÜRKDEMİR M. H.
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

Metrics

Publication: 13
Citation (WoS): 84
Citation (Scopus): 89
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