

Assoc. Prof. Gülcemal Yıldız

Personal Information

Email: gyildiz@itu.edu.tr

Biography

Education:

Lisans	Chemical Engineering	Istanbul Technical University	1983
Master degree	Chemistry	Istanbul Technical University	1987
PhD	Chemistry	Istanbul Technical University	1993

Study:

Title	University	Year
Res.Assist.	Istanbul Technical University, Faculty of Science and Letter, Chemistry Department	1984-1993
Assist.Dr.	Istanbul Technical University, Faculty of Science and Letter, Chemistry Department	1993-1997
Asist. Prof. Dr.	Istanbul Technical University, Faculty of Science and Letter, Chemistry Department	1997-2003
Assoc.Prof. Dr.	Istanbul Technical University, Faculty of Science and Letter, Chemistry Department	2003-

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1989 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Gliserolun elektrooksidasyonunda Pd ve Pd bazlı elektrotların katalitik özelliklerinin belirlenmesi, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1993

Post Graduate, Benzoik asididn ayrışım sabitinin potansiyometrik yöntemle belirlenmesi, İstanbul Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya/Analitik Kimya, 1988

Research Areas

Basic Sciences, Chemistry, Analytical Chemistry, Electromagnetic Methods

Academic Titles / Tasks

Associate Professor, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2003 - Continues

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2012 - 2015

Supported Projects

Yıldız G., Project Supported by Higher Education Institutions, Poli (3-Sülfopropil akrilat potasyum tuzu-ko- 2-dietil aminoetil metakrilat) hidrojelinin boyaların giderilmesinde kullanılması, 2016 - 2018

Yıldız G., Project Supported by Higher Education Institutions, POLİVİNİLİMİDAZOL-KİL KOMPOZİTLERİNİN ÖZELLİKLERİ VE ATIK SULARDAKİ BOYALARIN GİDERİLMESİNDE KULLANILMALARI, 2015 - 2018

Yıldız G., Project Supported by Higher Education Institutions, Sodyum Bor Hidrür Elektroyüksitgenmesinin Çeşitli Alkali Ortamlarda Gümüş Elektrot Üzerinde İncelenmesi, 2013 - 2018

Yıldız G., Project Supported by Higher Education Institutions, VOLTAMMETRİK DETERMİNATİON OF CU ION USING MODİFİED GCE, 2009 - 2018

Yıldız G., Project Supported by Higher Education Institutions, Yeni Bir Podandın Elektrokimyasal ve Fotofiziksel Özellikleri, 2008 - 2018

Yıldız G., Project Supported by Higher Education Institutions, Modifiye Elektrotların Hazırlanması ve Voltametrik Tayinlerde Kullanılmalarının İncelenmesi, 2008 - 2009

Yıldız G., Project Supported by Higher Education Institutions, Elektrokimyasal Yöntemlerle Düzenli Jeller Sentezi, 1999 - 2004

Scientific Refereeing

Analytical Letters, SCI Journal, July 2017

Journal of Applied Electrochemistry, SCI Journal, June 2017

Turkish Journal of Chemistry, SCI Journal, May 2017

Turkish Journal of Chemistry, SCI Journal, May 2017

Turkish Journal of Chemistry, SCI Journal, February 2017

Karaelmas Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, January 2017

Separation Science and Technology, SCI Journal, November 2016
Journal of Chromatographic Science, SCI Journal, December 2015
Journal of Applied Electrochemistry, SCI Journal, December 2015
Current Environmental Engineering, SCI Journal, November 2015
Benthime Science, SCI Journal, November 2015
Arabian Journal of Chemistry, SCI Journal, September 2015
Measurement, SCI Journal, April 2014
Sensors, SCI Journal, February 2012
Luminescence, SCI Journal, July 2011
Journal of Chemistry Material Science, SCI Journal, October 2010
Electroanalysis, SCI Journal, June 2010
Analytical Letters, SCI Journal, May 2010
Sigma Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, October 2007

Edit Congress and Symposium Activities

Removal of phenol from aqueous solution by using polymer modified nanoclay, Attendee, İzmir, Turkey, 2017
A Voltammetric Determination of Bisphenol A in Polycarbonate Tableware Materials Using a Modified Carbon Paste Electrode, Attendee, Çanakkale, Turkey, 2016
Determination of Eugenol by HPLC with Electrochemical Detection in Some Plants, Attendee, Çanakkale, Turkey, 2016
Removal of dyes from water by poly(3-sulfopropyl acrylate potassium salt -C02-diethylaminoethyl methacrylate) hydrogel, Attendee, Wrocław, Poland, 2016
Determination of eugenol in cloves with voltammetric technique by using a resin modified carbon paste electrode, Attendee, Wrocław, Poland, 2016
The properties of polyvinylimidazole-clay composites and their use for removal of remazol black from water, Attendee, Wrocław, Poland, 2015
Ultrasonically prepared water soluble curcumin complexes preparation and properties, Attendee, Barcelona, Spain, 2015
Ultrasonically Prepared Water Soluble Curcumin Complexes characterization and electrochemical properties, Attendee, İstanbul, Turkey, 2014
Voltametriik yöntem ile curcumin tayini, Attendee, Hatay, Turkey, 2012
Chitosan modifiye elektrot kullanarak diferensiyel puls voltametri ile montelukastın tabletlerde ve plazmada tayini, Attendee, Turkey, 2012
Investigation of sodium borohydride electrooxidation mechanism on silver electrode in basic medium, Attendee, Brno, Czech Republic, 2012
Polivinil İmidazol Kil Kompozitinin adsorpsiyon Özellikleri, Attendee, Tokat, Turkey, 2012
PVI ile modifiye edilmiş kilin anyonik boyaların gideriminde kullanılması, Attendee, Turkey, 2012
Electrochemical Sensor for Selective Determination of Aminoacids by Polymer Modified Electrodes, Attendee, Padova, Italy, 2010
The Effect of Ring C on Electrochemical Properties of 3-Hydroxyflavone Using Voltammetric Methods, Attendee, Innsbruck, Austria, 2009
Voltammetric Determination of Cu²⁺ Ion Using Modified GCE, Attendee, Innsbruck, Austria, 2009
Simultaneous Determination of L-Tryptophane and L-Tyrosine with Aminoacridine-MWCNT Modified Glassy Carbon Electrode, Attendee, İstanbul, Turkey, 2009
Electrochemical and Fluorometric Investigation of Mercury Complex with a New Type Podand, Attendee, Denizli, Turkey, 2008
Electrochemical and Photophysical Properties of A New Type Podand,, Attendee, Düsseldorf, Germany, 2008
A New Aryl-Amide-Based Podand for Heavy Metal Ions Recognition, Attendee, Düsseldorf, Germany, 2008
Diferansiyel puls yöntemi ile quercetin miktar tayini, Attendee, Malatya, Turkey, 2007
Polivinil imidazol reçinesi kullanılarak Karbon pasta elektrot ile voltametriik nitrit Tayini, Attendee, Kırıkkale, Turkey,

2007

Analytical Studies with voltammetric methods, Attendee, İstanbul, Turkey, 2006

Diallil Morfolinyum Bromür-Vinil Prolidon Kopolimerinde Reaktivlik Oranının Belirlenmesi, Attendee, Kars, Turkey, 2004

Polielektrolitlerde Çözelti Özellikleri, Attendee, Turkey, 2004

Elektrokimyasal Olarak Elde Edilen Akrilamit-Bisakrilamit Jellerinde Ultrases Uygulamasının Şişme Kinetiğine Etkileri, Attendee, İstanbul, Turkey, 2003

The Association Constants of Na⁺/Dibenzo[3n] Crown-n Complexes in THF/Water Using Na⁺ ISE" XXVIII International Symposium on Macrocyclic Chemistry, Attendee, Gdansk, Poland, 2003

Dibenzo[3N]Crown-N/Na⁺ Komplekslerinin Denge Sabitlerinin THF-Su İçinde İyon Seçimli Elektrod İle Saptanması, Attendee, Turkey, 2002

PDDA üzerinde NaCl Etkisinin İncelenmesi, Attendee, Konya, Turkey, 2002

Na⁺ Complexing of Macrocyclic Ethers in THF/water using ISE, Attendee, Dortmund, Germany, 2002

Dielectric Spectroscopy Study of EMA-EGDM Crosslinking System SolGel-Glass Transition, Attendee, Yerushalayim, Israel, 2001

Elektrokimyasal Akrilamit Polimerizasyonunda Ultrases Etkisi, Attendee, İstanbul, Turkey, 2001

Okta Katyonik bir Porfirazinin Elektrokimyasal İncelenmesi, Attendee, Diyarbakır, Turkey, 2000

The Cyclic Voltammetric Study of Some New Porphyrazines, Attendee, Edinburgh, United Kingdom, 2000

Düzenli Jel Elde Etme Çalışmaları (2) Di Allil Malonamid'in Etkisi, Attendee, Turkey, 1999

Düzenli Jel Elde Etme Çalışmaları(1) Elektrokimyasal Yöntem, Attendee, Samsun, Turkey, 1999

Swelling studies in electrochemically prepared acrylamide/bisacrylamide gels, Attendee, İstanbul, Turkey, 1999

Electrochemically prepared acrylamide / bisacrylamide gels, Attendee, İstanbul, Turkey, 1998

Behaviour of electrochemically adsorbed cobalt on smooth platinum in various pH of solution, Attendee, Turkey, 1995

An investigation of formic acid adsorption on smooth platinum electrode, Attendee, İstanbul, Turkey, 1995

Behaviour of electrochemically adsorbed cobalt on smooth platinum in various pH of solution, Attendee, İstanbul, Turkey, 1995

Synergistic effect in the electrocatalytic oxidation of glycerol on platinum-palladium alloy electrodes, Attendee, Ferrara, Italy, 1993

Pt-Pd elektrotlar üzerinde gliserolün elektrooksidasyonunun incelenmesi, Attendee, Trabzon, Turkey, 1993

Gliserolün elektrokimyasal oksidasyonunun palladyum elektrot üzerinde incelenmesi, Attendee, İstanbul, Turkey, 1992

Electrocatalytic oxidation of glycerol on palladium electrode in alkaline medium, Attendee, Córdoba, Argentina, 1992

Citations

Total Citations (WOS):176

h-index (WOS):7