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### Eğitim Bilgileri

Doktora, Çanakkale Onsekiz Mart Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Türkiye 1999 - 2004

Yüksek Lisans, Çanakkale Onsekiz Mart Üniversitesi, Fırat Üniversitesi/Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Türkiye 1997 - 1999

Lisans, Fırat Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 1993 - 1997

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, cccccccc, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 2004

Yüksek Lisans, xxxxxxxxxxx, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 1999

### Araştırma Alanları

Kimya, Analitik Kimya, Biyoanalitik Yöntemler, Elektroanalitik Yöntemler, Sensörler, Spektroskopik Yöntemler, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof.Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2013 - Devam Ediyor

Doç.Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2008 - 2013

Yrd.Doç.Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2005 - 2008

Araştırma Görevlisi, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1998 - 2005

### Akademik İdari Deneyim

## Verdiği Dersler

Analitik Kimya II, Lisans, 2017 - 2018

Lisans Tezi, Lisans, 2017 - 2018

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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## **Kitap & Kitap Bölümleri**

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Book Series- 50th Year of Hacettepe University Smart Biosensing Technologies: Past, Present and Future, Series Editor: Prof. Dr. Adil DENİZLİ, Editors: Prof. Dr. Arzum ERDEM GÜRSAN, Prof. Dr. Mustafa Kemal SEZGİNTÜRK, Editör, Hacettepe University, Ankara, ss.69-101, 2018

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

### **I. Flow Injection Amperometric Detection of Formaldehyde at Bimetal Nanoparticles Modified Pencil Graphite Electrodes**

GİRAY DİLGİN D., EMİR G., SELEN A., KARAKAYA S., DİLGİN Y.

2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.82

### **II. An Enzyme Free Flow Injection Amperometric Glucose Biosensor Using a Cu Nanoparticle Modified Pencil Graphite Electrode**

SELEN A., EMİR G., KARAKAYA S., GİRAY DİLGİN D., DİLGİN Y.

4th International Congress on Biosensors, Çanakkale, Türkiye, 8 - 11 Temmuz 2019, ss.109

- III. **Electrochemical Sensors/Biosensors Using Nanomaterials/Polymer Modified Pencil Graphite Electrodes**  
GİRAY DİLGİN D., DİLGİN Y.  
II. International Joint Science Congress of Materials and Polymers ISCMP ALBANIA 2018 s, 9 - 12 Kasım 2018
- IV. **Developments and applications in enzyme based photoelectrochemical biosensors**  
DİLGİN Y., GİRAY DİLGİN D.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), İstanbul, Türkiye, 9 - 11 Mayıs 2018
- V. **Glucose Biosensing in Flow Injection Analysis System using Poly- Pyrocatechol violet modified Pencil Graphite Electrode**  
GÜNEŞ M., DİLGİN Y.  
The International Joint Science Congress of Materials and Polymers ISCMP MACEDONIA 2017, 25 - 28 Ağustos 2017
- VI. **Electropolymerization of Aromatic Sulphonic Acid Dyes on Pencil Graphite Electrode for Electrochemical Sensor in Flow Injection Analysis**  
EMİR G., PARALI S., DİLGİN Y.  
The International Joint Science Congress of Materials and Polymers ISCMP MACEDONIA 2017, 25 - 28 Ağustos 2017
- VII. **A New Flow Cell for Pencil Graphite Electrode and Its Using Biosensing of Glucose in FIA System**  
GİRAY DİLGİN D., DİLGİN Y.  
1st European 10th German BioSensor Symposium, Potsdam, Almanya, 20 - 23 Mart 2017
- VIII. **Electrocatalytic Determination of NADH in Flow Injection Analysis System at Pyrocatechol Violet PCV Modified Pencil Graphite Electrode**  
güneş m., DİLGİN Y.  
International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- IX. **Determination of Antimony III with Rivastigmine by Adsorptive Stripping Voltammetry on a Glassy Carbon Electrode**  
GÖKÇEL H. İ., vardar sevgin H., DİLGİN Y.  
International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- X. **Flow Injection Analysis of Sulfide at Calmagite CLM Modified Pencil Graphite Electrode**  
EMİR G., DİLGİN Y.  
International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- XI. **Electrocatalytic Oxidation of Hydrazine in Flow Injection Analysis System using Pyrocatechol Violet PCV Modified Pencil Graphite Electrode**  
PARALI S., DİLGİN Y.  
International Conference: 10th Aegean analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- XII. **Altın Nanoparçacık Modifiye Kalem Grafit Elektrot Kullanılarak H<sub>2</sub>O<sub>2</sub> in Akısa Enjeksiyon Analiz Sisteminde Elektrokimyasal Tayini**  
KARAKAYA S., DİLGİN Y.  
8. ULUSAL ANALİTİK KİMYA KONGRESİ, Isparta, Türkiye, 30 Mayıs - 03 Haziran 2016
- XIII. **Fotoelektrokimyasal Biyosensör ve Sensör Uygulamaları**  
DİLGİN Y.  
8. Ulusal Analitik Kimya Kongresi, Isparta, Türkiye, 30 Mayıs - 03 Temmuz 2016
- XIV. **Photoelectrochemical Glucose Biosensor in FIA using quantum dot modified electrode**  
DİLGİN Y., ERTEK B., SAĞLAM Ö.  
XXIII International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society, Malmö, İsveç, 14 - 18 Haziran 2015
- XV. **Low cost and highly selective electrochemical impedance spectroscopy based molecularly imprinted sensor for pesticide chlorpyrifos detection**  
UYGUN Z. O., DİLGİN Y.  
XXIII International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society, 14 - 18 Haziran 2015



- XVI. PHOTOELECTROCHEMICAL DNA BIOSENSOR BASED ON QUANTUM DOT MODIFIED PENCIL GRAPHITE ELECTROD**  
ERTEK B., SAĞLAM Ö., DİLGİN Y.  
2nd International Congress on Biosensor, Türkiye, 10 - 12 Haziran 2015
- XVII. Importance of Composite Electrodes in Electroanalytical applicaitons**  
DİLGİN Y., DURSUN Z., NİŞLİ G., GÖKÇEL H. İ., BERİN Y.  
IVth International Polymeric Composites Sympoisum, Exhibition and Brokerage Event, 7 - 09 Mayıs 2015
- XVIII. Fabrication of photoelectrochemical glucose biosensor depending on dehydrogenase enzyme and NAD NADH redox couple using quantum dor modified pencil graphite electrode**  
Ertek B., DİLGİN Y.  
9th Agean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2014
- XIX. Photoelectrochemical sensors for determinaiton of biologically and environmentally important compounds**  
DİLGİN Y., NİŞLİ G., Gorton L.  
9th Agean Analytical Chemistry Days, 29 - 03 Ekim 2014
- XX. Photoelectrochemical glucose biosensor in FIA system based on glucose oxidase quantum dot modified MWCNT GCE**  
Sağlam Ö., DİLGİN Y.  
9th Agean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2014
- XXI. Nitroredüktaz Esaslı Kanser Tedavisinde Kullanılabilecek Bazı Nitroaromatik Amid İlaç Öncü Bileşiklerin Elektrokimyasal İncelenmesi**  
AY M., DİLGİN Y., Cömert Önder F., GÜNGÖR T., Sağlam Ö., ÇELİK A.  
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Türkiye, 21 - 23 Mart 2014, ss.807
- XXII. Multi wall nanotubes modified carbon paste electrode and pre treated pencil graphite electrode for ascorbic acid determination**  
CERVENKA L., VU D. L., SYS M., ERTEK B., DİLGİN Y., VYTRAS K.  
6th International Symposium on Recent Advances in Food Analysis, 5 - 08 Kasım 2013
- XXIII. Electrochemical Communication between Thylakoid Membranes and Osmium Redox Polymers Modified Electrodes**  
GORTON L., HASSAN K., HAMİDİ H., EMEK S. C., DİLGİN Y., LEECH D., AKERLUND H. E., ALBERTSSON P. A.  
224th ECS Meeting, 27 Ekim - 01 Kasım 2013
- XXIV. Voltammetric determination of niclosamide at a pencil graphite electrode**  
Dede E., Sağlam Ö., DİLGİN Y.  
10th International Electrochemistry Meeting in TURKEY, 4 - 08 Eylül 2013
- XXV. Voltammetric behavior of rosmarinic acid at a pencil graphite electrode**  
UÇAR T., ERTEK B., DİLGİN Y.  
10th International Electrochemistry Meeting in TURKEY, 4 - 08 Eylül 2013
- XXVI. Electrocatalytic oxidation of NADH at poly neutral red modified pencil graphite electrode**  
ÇAKIN A., GİRAY DİLGİN D., DİLGİN Y.  
10th International Electrochemistry Meeting in TURKEY, 4 - 08 Eylül 2013
- XXVII. Mediated and Direct Electrochemical Communication between Photosynthetic Cells Membranes and Electrodes**  
GORTON L., PATİL S., HASSAN K., LEECH D., CECILIA H., PACKER M., HAMİDİ H., EMEK S. C., DİLGİN Y., AKERLUND H. E., et al.  
The Sixth International Workshop on Surface Modification for Chemical and Biochemical Sensing, 8 - 12 Kasım 2012
- XXVIII. Flow Injection Analysis od sulphide depend on its photoelectrocatalytic oxidation at poly methylene blue modified glassy carbon electrode**  
DİLGİN Y., SEDA C., AYYILDIZ Ö., ERTEK B., NİŞLİ G.  
9th International Electrochemsitry Meeting in TURKEY, 25 - 29 Eylül 2011
- XXIX. Electrocatalytic Oxidation of NADH using a pencil graphite electrode modified with quercetin**

DİLGİN Y., KIZILKAYA B., GİRAY DİLGİN D., GÖKÇEL H. İ., GORTON L.

9th International Electrochemistry Meeting in TURKEY, 25 - 29 Eylül 2011

- XXX. **Amperometric Determination of Sulphide depend on its electrocatalytic oxidation at apencil graphite electrode modified with quercetin**

ERTEK B., ERAN N., DİLGİN Y., KIZILKAYA B., GİRAY DİLGİN D., GİRAY DİLGİN D.

9th International Electrochemistry Meeting in TURKEY, 25 - 29 Eylül 2011

- XXXI. **The effect of light on the electrocatalytic oxidation of NADH using a poly brilliant cresyl blue modified glassy carbon eelctrode**

ERTEK B., CEYLAN BAKIR Ç., BAYRAK B., DURSUN Z., DİLGİN Y.

8th International Electrochemistry Meeting, 8 - 11 Ekim 2009

- XXXII. **Photoelectrocatalysis of NADH with electropolymerized modified electrodes**

DİLGİN Y., GLIGOR D., GORTON L.

7th Spring Meeting of International Society of Electrochemistry, 22 - 25 Mart 2009

- XXXIII. **Carbon based composite electrodes and their applications in analysis**

DİLGİN Y., NİŞLİ G.

Polymeric Composites Symposium- Exhibition and Workshops (International Participant), 28 - 30 Kasım 2008

- XXXIV. **Electropolymerization of hematoxylin for electrocatalytic oxidation of NADH**

DİLGİN Y., KAYA İ., GİRAY DİLGİN D., GÖKÇEL H. İ., DURSUN Z.

6th Aegean Analytical Chemistry Days, 9 - 12 Ekim 2008

- XXXV. **Electrocatalytic detection of nadh using glassy carbon electrodes modified with a new poly phenothiazine derivative**

DELIA G., DİLGİN Y., POPESCU I. C., GORTON L.

59th Annual Meeting of the International Society of Electrochemistry, 7 - 12 Eylül 2008

- XXXVI. **A new polymeric phenothiazine compound for electrocatalytic oxidation of NADH**

GLIGOR D., DİLGİN Y., POPESCU I. C., GORTON L.

International Conference on Electroanalysis, ESEAC 2008, 16 - 19 Haziran 2008

- XXXVII. **PRİDİNYUM KLOROKROMAT (PCC), TETRAKİS(PRİDİNYUM)GÜMÜŞ DİKROMAT (Py<sub>4</sub>Ag<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>) ve TETRAKİS(NİKOTİNYUM)GÜMÜŞ DİKROMAT (3-HOOC<sub>4</sub>H<sub>4</sub>N)4Ag<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>) BİLEŞİKLERİNİN ELEKTROKİMYASAL DAVRANIŞLARININ İNCELENMESİ**

AYDIN F., DİLGİN Y., YILMAZ S.

III.Ulusal Analitik Kimya Kongresi, Çanakkale, Çanakkale, Türkiye, 5 - 07 Temmuz 2006

- XXXVIII. **Photoelectrocatalytic Oxidation of NADH with Electropolymerized Toluidine Blue O**

DİLGİN Y., GORTON L., NİŞLİ G.

International Conference on Electroanalysis, 11 - 15 Haziran 2006

- XXXIX. **Advantages of Electroanalytical Techniques for Determination of Ascorbic Acid in Dairy and Drug Samples**

DİLGİN Y., GÜRSOY O.

The Second International Conference of Pharmaceutical and Drug Industries Division, NRC, 7 - 09 Mart 2005

- XL. **Characterization and electrochemical behavior of acid activated muscovite by using methylene blue adsorption**

DİLGİN Y., BALKÖSE D., NİŞLİ G.

4th Aegean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2004

- XLI. **Photoelectrochemical Investigation of Methylene Blue Immobilized on Zirconium Phosphate Composite Carbon Paste Electrode in Flow Injection System**

DİLGİN Y., DURSUN Z., ŞAĞBAN G., NİŞLİ G.

Third Aegean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2002

- XLII. **Voltammetric investigation of modified carbon paste electrode with methylene blue on muscovite**

OĞUZ KILIÇ D., DİLGİN Y., DURSUN Z., NİŞLİ G.

Second Aegean Analytical Chemistry Days, 1 - 04 Kasım 2000

- XLIII. **Speciation of iron and manganese in soils and relation with their contents in fruits**

YAMAN M., DİLGİN Y., OKUMUŞ N.

CSI XXXI Pre-Symposium, Spectroscopic Methods for Speciation of Elements, 1 - 04 Eylül 1999

**XLIV. Distribution of some toxic metals between water and sludge in domestic waste water treatment plant**

YAMAN M., HASAR H., CUCİ Y., DİLGİN Y.

CSI XXXI Pre-Symposium, Spectroscopic Methods for Speciation of Elements, 1 - 04 Eylül 1999

## **Desteklenen Projeler**

KARAKAYA S., KARTAL B., DİLGİN Y., Yükseköğretim Kurumları Destekli Proje, Modifiye Edilmiş Kalem Grafit Elektrot ile Antimarial İlaç Amodiakinin Tayinine Yönelik Bir Elektrokimyasal Sensörün Tasarlanması ve Uygulaması, 2019 - 2020

## **Metrikler**

Yayın: 174

Atıf (WoS): 1181

Atıf (Scopus): 1305

H-İndeks (WoS): 21

H-İndeks (Scopus): 24