

## Assoc. Prof. Hülya ÖZTÜRK DOĞAN

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2007 - 2014

Postgraduate, Mersin University, Faculty Of Arts And Sciences, Kimya, Turkey 2004 - 2007

Undergraduate, Mersin University, Faculty Of Arts And Sciences, Kimya, Turkey 2000 - 2004

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, GRAFİT OKSİTİN ELEKTROKİMYASAL İNDİRGENMESİ İLE GRAFEN VE METAL-GRAFEN KOMPOZİT SENTEZİ, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2014

Postgraduate, POLİPİROL KAPLI BAKIR ELEKTROT YÜZEYİNDE KARBONDİOKSİTİN ELEKTROKİMYASAL İNDİRGENMESİ, Mersin Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, 2007

### Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Sensors, Surface Analysis, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Ataturk University, Erzurum Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2015 - Continues

### Advising Theses

Öztürk Doğan H., ELEKTROKİMYASAL TEKNİKLE SENTEZLENEN Ag NANOPARTİKÜL DEKORE EDİLMİŞ CuBi2O4/rGO

NANOYAPILARININ NİTRİT SENSÖRÜ OLARAK KULLANIMI, Postgraduate, Ö.FARUK(Student), 2023

Öztürk Doğan H., Farklı metal(Pd,Ni ve Ru) nanoparçacıkları dekore Cr2O3 modifiye kalem ucu elektrotlarda hidrojen çıkış reaksiyonu, Postgraduate, A.RECEP(Student), 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Non-enzymatic Amperometric Detection of Glucose on One-Pot Electrochemical Fabricated Pd Nanoparticles-Graphene Modified Electrodes**  
Öztürk Doğan H., Çepni E., Özer T. Ö.  
IRANIAN JOURNAL OF SCIENCE, vol.48, no.2, pp.389-395, 2024 (SCI-Expanded)
- II. **The electrochemical fabrication of Cu@CeO<sub>2</sub>-rGO electrode for high-performance electrochemical nitrite sensor**  
ÇELEBİ N., Temur E., ÖZTÜRK DOĞAN H., KAVAZ YÜKSEL A.  
DIAMOND AND RELATED MATERIALS, vol.143, 2024 (SCI-Expanded)
- III. **Hydrogen gas sensing and photodetector applications on electrofabricated Pd@CuCo<sub>2</sub>O<sub>4</sub> nanostructures**  
Orhan Z., Öztürk Doğan H., Aydoğan Ş., Sarıtış S., Bingül Z.  
CERAMICS INTERNATIONAL, vol.50, no.5, pp.8472-8479, 2024 (SCI-Expanded)
- IV. **A General Review of Methodologies Used in the Determination of Cholesterol (C<sub>27</sub>H<sub>46</sub>O) Levels in Foods**  
Ndhala A. R., KAVAZ YÜKSEL A., ÇELEBİ N., ÖZTÜRK DOĞAN H.  
FOODS, vol.12, no.24, 2023 (SCI-Expanded)
- V. **NiS@CuBi<sub>2</sub>O<sub>4</sub>/ERGO heterostructured electro-catalyst for enhanced hydrogen evolution reaction**  
ÖZTÜRK DOĞAN H., Kurt Urhan B.  
Micro and Nanostructures, vol.183, 2023 (SCI-Expanded)
- VI. **Ag nanoparticles-decorated CuBi<sub>2</sub>O<sub>4</sub>-rGO electrodes as an amperometric sensor for electrochemical determination of nitrite**  
ÖZTÜRK DOĞAN H., Albayrak Ö. F.  
Synthetic Metals, vol.298, 2023 (SCI-Expanded)
- VII. **The electrochemical fabrication of CoCr<sub>2</sub>O<sub>4</sub>/electro-reduced graphene oxide electrodes for high-performance supercapacitors**  
ORHAN Z., AYDOĞAN Ş., ÖZTÜRK DOĞAN H.  
Chemical Physics Letters, vol.820, 2023 (SCI-Expanded)
- VIII. **Electrochemical determination of nitrate on Ag nanoparticles-decorated poly (direct blue 15) electrodes**  
Öztürk Doğan H., Akbulak T., Nadaroğlu H., Hacımüftüoğlu A.  
ELECTROANALYSIS, vol.35, no.9, 2023 (SCI-Expanded)
- IX. **Construction of palladium nanoparticles supported-poly(trypan blue) electro-catalyst towards ethanol oxidation**  
Yeşilyurt M. K., Kurt Urhan B., Öztürk Doğan H., Çomaklı Ö., Nadaroğlu H.  
SYNTHETIC METALS, vol.293, 2023 (SCI-Expanded)
- X. **Self-powered photosensor based on curcumin:reduced graphene oxide (Cu:rGO)/n-Si heterojunction in visible and UV regions**  
Öztürk Doğan H., Aydoğan Ş., Orhan Z., Yıldırım F.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.915, 2022 (SCI-Expanded)
- XI. **Electrochemical fabrication and reductive doping of electrochemically reduced graphene oxide decorated with TiO<sub>2</sub> electrode with highly enhanced photoresponse under visible light**  
Temur E., Eryigit M., ÖZTÜRK DOĞAN H., ÇEPNİ E., DEMİR Ü.  
APPLIED SURFACE SCIENCE, vol.581, 2022 (SCI-Expanded)
- XII. **ZnO Nanosheets-Decorated ERGO Layers: An Efficient Electrochemical Sensor for Non-Enzymatic**

## Uric Acid Detection

Eryigit M., Urhan B. K., ÖZTÜRK DOĞAN H., ÖZNÜLÜER ÖZER T., Demir U.  
IEEE SENSORS JOURNAL, vol.22, no.6, pp.5555-5561, 2022 (SCI-Expanded)

- XIII. **Palladium-coated polyaniline nanofiber electrode as an efficient electrocatalyst for hydrogen evolution reaction**  
Urhan B. K., ÖZTÜRK DOĞAN H., ÖZNÜLÜER ÖZER T., DEMİR Ü.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.7, pp.4631-4640, 2022 (SCI-Expanded)
- XIV. **Electrodeposited Nickel/Chromium(III) Oxide Nanostructure-Modified Pencil Graphite Electrode for Enhanced Electrocatalytic Hydrogen Evolution Reaction Activity**  
Korkmaz A. R., ÇEPNİ E., ÖZTÜRK DOĞAN H.  
ENERGY & FUELS, vol.35, no.7, pp.6298-6304, 2021 (SCI-Expanded)
- XV. **ONE-POT ELECTROCHEMICAL FABRICATION OF SnO-REDUCED GRAPHENE OXIDE ELECTRODES FOR AMPEROMETRIC SENSING OF DOPAMINE**  
ÖZTÜRK DOĞAN H., KURT URHAN B., ÖZNÜLÜER ÖZER T., DEMİR Ü.  
Macedonian Journal Of Chemistry And Chemical Engineering, vol.40, no.2, pp.299-306, 2021 (SCI-Expanded)
- XVI. **Ni(OH)<sub>2</sub>-electrochemically reduced graphene oxide nanocomposites as anode electrocatalyst for direct ethanol fuel cell in alkaline media**  
Urhan B. K., ÖZTÜRK DOĞAN H., ÇEPNİ E., Eryigit M., Demir U., Ozer T.  
CHEMICAL PHYSICS LETTERS, vol.763, 2021 (SCI-Expanded)
- XVII. **One-Step Electrochemical Fabrication of Reduced Graphene Oxide/Cuprous Oxide Nanocomposite Thin Films for Enhanced Photoelectrochemical Properties**  
Cepni E., ÖZTÜRK DOĞAN H.  
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.217, no.21, 2020 (SCI-Expanded)
- XVIII. **One-pot Electrochemical Synthesis of Ni Nanoparticles-Decorated Electroreduced Graphene Oxide for Improved NADH Sensing**  
Urhan B. K., Dogan H., Ozer T., Demir U.  
ELECTROANALYSIS, vol.32, no.10, pp.2323-2329, 2020 (SCI-Expanded)
- XIX. **Nonenzymatic glucose sensor based on poly(3,4-ethylene dioxythiophene)/electroreduced graphene oxide modified gold electrode**  
Eryigit M., ÇEPNİ E., Urhan B. K., Dogan H., Ozer T.  
SYNTHETIC METALS, vol.268, 2020 (SCI-Expanded)
- XX. **Electrochemical fabrication of Ni nanoparticles-decorated electrochemically reduced graphene oxide composite electrode for non-enzymatic glucose detection**  
Kurt Urhan B., Demir Ü., Öznüluer Özer T., Öztürk Doğan H.  
THIN SOLID FILMS, vol.693, 2020 (SCI-Expanded)
- XXI. **Ethanol electro-oxidation in alkaline media on Pd/electrodeposited reduced graphene oxide nanocomposite modified nickel foam electrode**  
Doğan H.  
Solid State Sciences, vol.98, 2019 (SCI-Expanded)
- XXII. **Simultaneous electrochemical detection of ascorbic acid and dopamine on Cu<sub>2</sub>O/CuO/electrochemically reduced graphene oxide (Cu<sub>x</sub>O/ERGO)-nanocomposite-modified electrode**  
Dogan H., Urhan B. K., Cepni E., Eryigit M.  
MICROCHEMICAL JOURNAL, vol.150, 2019 (SCI-Expanded)
- XXIII. **PbO-Grafen Elektrot Yüzeyinde Askorbik Asit ile Dopaminin Eşzamanlı Elektrokimyasal Tespiti**  
ÖZTÜRK DOĞAN H., KURT URHAN B., ÖZNÜLÜER ÖZER T.  
Gazi Mustafa Kemal Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.4, pp.742-750, 2019 (AHCI)
- XXIV. **One-Pot Electrochemical Synthesis of Lead Oxide-Electrochemically Reduced Graphene Oxide Nanostructures and Their Electrocatalytic Applications**  
Urhan B. K., Oznuluer T., Demir U., Dogan H.  
IEEE Sensors Journal, vol.19, no.13, pp.4781-4788, 2019 (SCI-Expanded)

- XXV. **Electrochemical Fabrication of Prussian Blue Nanocube-decorated Electroreduced Graphene Oxide for Amperometric Sensing of NADH**  
Eryiđit M., Temur E., Ozer T., Dogan H. O.  
Electroanalysis, vol.31, no.5, pp.905-912, 2019 (SCI-Expanded)
- XXVI. **Electrochemical reduction of carbondioxide on polypyrrole coated copper electro-catalyst under ambient and high pressure in methanol**  
Aydin R., Dogan H., Koleli F.  
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.140, pp.478-482, 2013 (SCI-Expanded)
- XXVII. **Atomic scale imaging and spectroscopic characterization of electrochemically reduced graphene oxide**  
DOGAN H., EKİNCİ D., Demir U.  
Surface Science, vol.611, pp.54-59, 2013 (SCI-Expanded)
- XXVIII. **Electrochemical reduction of nitrate on graphene modified copper electrodes in alkaline media**  
Oznuluer T., Özdurak B., Dogan H.  
Journal of Electroanalytical Chemistry, vol.699, pp.1-5, 2013 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Photoelectrochemical degradation of methyl orange on CdS-decoratedCr2O3/electroreduced graphene oxide nanocomposites**  
Kaçar M. E., Kurt Urhan B., Öztürk Dođan H.  
NanoEra, vol.2, no.2, pp.41-44, 2022 (Peer-Reviewed Journal)
- II. **CuBi2O4/Elektro-indirgenmiş Grafen Oksit Nanokompozitlerinin Yeni Bir Elektrokimyasal Teknik Kullanılarak Sentezi ve Karakterizasyonu**  
Öztürk Dođan H., Kurt Urhan B.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.26, no.2, pp.223-228, 2022 (Peer-Reviewed Journal)
- III. **Cr2O3 Nanoyapılarının Elektrokimyasal Sentezi ve Karakterizasyonu**  
Korkmaz A. R., Çepni E., Öztürk Dođan H.  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.7, no.2, 2020 (Peer-Reviewed Journal)
- IV. **CuO-grafen Nanokompozitlerinde Etanol Elektrooksidasyonu**  
ÖZTÜRK DOĞAN H.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.4, pp.2175-2182, 2019 (Scopus)
- V. **PbO-Grafen Elektrot Yüzeyinde Askorbik Asit ile Dopaminin Eşzamanlı Elektrokimyasal Tespiti**  
ÖZTÜRK DOĞAN H., KURT URHAN B., ÖZNÜLÜER T.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, pp.742-750, 2019 (Peer-Reviewed Journal)
- VI. **Fotovoltaik İnce Film Olarak Elektrokimyasal Depozit Edilmiş Cu-Grafen ve Cu2O-Grafen Nanokompozitler**  
ÖZTÜRK DOĞAN H., ÖZNÜLÜER ÖZER T., DEMİR Ü.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, no.3, pp.201-209, 2018 (Scopus)
- VII. **Some Kinetic Properties and Inhibition of Glutathione S Transferase from a Hybridized Wheat Triticum aestivum L**  
ÖZTÜRK DOĞAN H., ERAT M.  
Journal of Agriculture and Crops, vol.2, pp.94-100, 2016 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Non-enzymatic Determination Of H2O2 In Cr2o3 Electrodes Decorated With Ag Nanoparticles**  
temur e., KURT URHAN B., ÖZTÜRK DOĞAN H.

11. ULUSLARARASI MARMARA FEN BİLİMLERİ KONGRESİ, Turkey, 15 - 16 December 2023, pp.374-375
- II. **COCr2O4 NANOYAPILARINDA ETANOL ELEKTRO-OKSİDASYONU ÜZERİNE PD NANOPARÇACIKLARININ ETKİSİ**  
temur e., ÖZTÜRK DOĞAN H., KURT URHAN B.  
7. ULUSLARARASI PALANDÖKEN BİLİMSEL ÇALIŞMALAR KONGRESİ, Turkey, 26 - 27 November 2023, pp.322-325
- III. **COS DEKORE EDİLMİŞ CUBİ2O4-RGO NANOKOMPOZİT ELEKTROTLARIN ELEKTROKİMYASAL OLARAK ÜRETİLMESİ VE ELEKTROKATALİTİK UYGULAMALARI**  
temur e., ÖZTÜRK DOĞAN H., KURT URHAN B.  
2. INTERNATIONAL SELÇUK SCIENTIFIC RESEARCHES CONGRESS, Turkey, 21 - 22 October 2023, pp.489-490
- IV. **ETHANOL ELECTRO OXIDATION on Pd NANOPARTICLES DECORATED TiO 2 ELECTRODES**  
ÖZTÜRK DOĞAN H., KURT URHAN B., temur e.  
2. ULUSLARARASI İPEK YOLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Turkey, 26 - 27 September 2023, pp.549-554
- V. **Fabrication of FTO/TiO2/ERGO-CdTe(QDs) nanocomposite electrodes and their photoresponse under visible light**  
temur e., ÖZTÜRK DOĞAN H., DEMİR Ü.  
Asiachem – 19th Asian Chemical Congress, 8 - 14 July 2023
- VI. **TEK BASAMAKTA ELEKTROKİMYASAL SENTEZLENMİŞ Pd/GRAFEN NANOKOMPOZİTLERİNDE ENZİMATİK OLMAYAN GLUKOZ TAYİNİ**  
ÖZTÜRK DOĞAN H.  
4. INTERNATIONAL PALANDÖKEN SCIENTIFIC STUDIES CONGRESS, Turkey, 28 - 29 April 2022
- VII. **KOBALT KROMİT NANOYAPILARININ ELEKTROKİMYASAL SENTEZİ VE KARAKTERİZASYONU**  
ÖZTÜRK DOĞAN H., KURT URHAN B.  
7. ULUSLARARASI ZEUGMA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Gaziantep, Turkey, 21 January 2022, pp.447-450
- VIII. **FABRICATION OF CHROMIUM (III) OXIDE-ELECTROREDUCED GRAPHENE OXIDE (Cr2O3-ERGO) NANOCOMPOSITE VIA ONE-POT ELECTROCHEMICAL METHOD**  
Öztürk Doğan H., Kurt Urhan B.  
International World Energy Conference, Kayseri, Turkey, 03 December 2021, pp.385-388
- IX. **Electrochemical Synthesis of Various Metal Nanoparticles-Decorated Cr2O3 Nanostructures**  
Korkmaz A., Çepni E., Öztürk Doğan H., Öznülür Özer T.  
World Congress on Applied Nanotechnology, Erzurum, Turkey, 24 - 26 November 2021, pp.52-55
- X. **Electro-oxidation of Methanol on Cu2O-Graphene Nanocomposite Electrode**  
ÖZTÜRK DOĞAN H., KURT URHAN B.  
World Congress on Applied Nanotechnology (W-CAN), Erzurum, Turkey, 24 November 2021
- XI. **Electrochemical Synthesis of Pd Particles Decorated Cu2S Nanobelts as Novel Electrocatalysts for Hydrogen Evolution Reaction**  
Çepni E., Öztürk Doğan H., Öznülür Özer T.  
5th International Conference on Advances in Natural and Applied Sciences, Ağrı, Turkey, 21 - 23 September 2021, pp.145-152
- XII. **Electrochemical Synthesis and Characterization of MoO3 Nanostructured Photoelectrodes**  
Çepni E., Korkmaz A., Öztürk Doğan H., Öznülür T.  
INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES AND ENGINEERING, Erzurum, Turkey, 7 - 09 April 2021, pp.101-103
- XIII. **Amperometric detection of dopamine on Prussian blue nanocube-decorated electrochemically reduced graphene oxide hybrid electrode**  
Eryigit M., Gur E. P., Hosseinpour M., Öznülür Özer T., Öztürk Doğan H.  
2nd International Congress on Semiconductor Materials and Devices (ICSMD), Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6991-6995
- XIV. **Cu/Electrochemically reduced graphene oxide layered nanocomposite for non-enzymatic H(2)O(2) sensor**  
Temur E., Eryigit M., Urhan B. K., DEMİR Ü., ÖZÜLÜR ÖZER T.

2nd International Congress on Semiconductor Materials and Devices (ICSMD), Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6971-6975

- XV. **Electrochemical fabrication of lead oxide-electrochemically reduced graphene oxide nanocomposites (PbO-ERGO) and their photoelectrochemical properties**  
Urhan B. K., ÇEPNİ E., Temur E., ÖZTÜRK DOĞAN H., DEMİR Ü.  
2nd International Congress on Semiconductor Materials and Devices (ICSMD), Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6895-6898
- XVI. **H2O2 TESPİTİ İÇİN METAL-GRAFEN NANOKOMPOZİT ELEKTROTLAR**  
Çepni e., ÖZTÜRK DOĞAN H.  
ISPEC5th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES, Van, Turkey, 20 - 22 December 2019, pp.27-30
- XVII. **METAL-GRAPHENE NANOCOMPOSITE ELECTRODES FOR H2O2 DETECTION**  
Çepni E., Öztürk Doğan H.  
5 th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES, Van, Turkey, 20 - 22 December 2019
- XVIII. **FARKLI METAL TEK TABAKALARININ (Bi, Cd, Ru) GRAFEN OKSİTİN ELEKTROKİMYASAL İNDİRGENMESİNDEKİ KATALİTİK ETKİLERİNİN KARŞILAŞTIRILMASI**  
ÖZTÜRK DOĞAN H.  
5. INTERNATIONAL CONFERENCES ON ENGINEERING NATURAL SCIENCES, Van, Turkey, 20 - 22 December 2019, pp.118-119
- XIX. **METAL OKSİT-GRAFEN KOMPOZİT ELEKTROTLARDA ENZİMATİK OLMAYAN GLUKOZ TAYİNİ**  
ÖZTÜRK DOĞAN H.  
2.HOCA AHMET YESEVİ Uluslararası Bilimsel Araştırmalar Kongresi, Erzurum, Turkey, 6 - 08 December 2019, pp.140-144
- XX. **CuxO (x=1 or 2)/ERGO Nanocomposite Electrodes for Amperometric Detection of Dopamine**  
Çepni E., Öztürk Doğan H., Kurt Urhan B., Mesut E.  
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 September 2019
- XXI. **Amperometric Detection of H2O2 on Prussian Blue Nanocubes Decorated Electrochemical Reduced Graphene Oxide Electrode**  
Eryiğit M., Gür E. P., Temur E., Kurt Urhan B., Çepni E., Öztürk Doğan H., Öznülüer T.  
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 September 2019
- XXII. **Electrochemically Reduced Graphene Oxide/Cuxo (X=1,2) Nanocomposite Electrodes for Voltammetric Detection of Dopamine**  
Çepni E., Öztürk Doğan H., Kurt Urhan B., Eryiğit M.  
2nd International Conference on Physical Chemistry and Functional Materials, Nevşehir, Turkey, 25 June 2019
- XXIII. **Electrochemical Synthesis and Characterization of TiO2-ErGO/Fto Nanocomposite Electrodes**  
Temur E., Gür E. P., Çepni E., Öztürk Doğan H., Demir Ü.  
2nd International Conference on Physical Chemistry and Functional Materials, Nevşehir, Turkey, 25 June 2019
- XXIV. **Photoelectrochemical Properties of Electrochemically Fabricated TiO2 Nanostructures**  
Çepni E., Gür E. P., Hosseinpour M., Öztürk Doğan H., Öznülüer T., Demir Ü.  
International Symposium on Applied Sciences and Engineering, Erzurum, Turkey, 26 - 28 November 2018
- XXV. **Electrochemical fabrication of PEDOT/ERGO/Au Nanocomposite Electrodes for Dopamine Sensor**  
Eryiğit M., Kurt Urhan B., Gür E. P., Çepni E., Hosseinpour M., Öztürk Doğan H., Öznülüer T., Demir Ü.  
International Symposium on Applied Sciences and Engineering, Erzurum, Turkey, 26 - 28 November 2018
- XXVI. **PHOTOELECTROCHEMICAL PROPERTIES OF LEAD OXIDE-ELECTRO-REDUCED GRAPHENE OXIDE (PbO-ERGO) NANOCOMPOSITES**  
KURT URHAN B., temur e., Çepni e., ÖZTÜRK DOĞAN H., DEMİR Ü.  
2nd International Congress on Semiconductor Materials and Devices, Ardahan, Turkey, 28 - 30 August 2018
- XXVII. **Electrochemical fabrication of lead oxide-electrochemically reduced graphene oxide nanocomposites (PbO-ERGO) and their photoelectrochemical properties**  
Kurt Urhan B., Çepni E., Temur E., Öztürk Doğan H., Demir Ü.  
2nd International Congress on Semiconductor Materials and Devices, Ardahan, Turkey, 28 - 30 August 2018

- XXVIII. **Lead Oxide-Electroreduced Graphene Oxide (PbO-ERGO) Nanocomposite for Determination of Ascorbic Acid and Dopamine**  
KURT URHAN B., temur e., cepni e., Hosseinpour M., ÖZTÜRK DOĞAN H., DEMİR Ü.  
International Conference on Physical Chemistry and Functional Materials-PCFM 2018, Elazığ, Turkey, 19 - 21 June 2018, pp.177
- XXIX. **Pd-Grafen Nanobiyosensörler**  
ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
5.İlaç Kimyası: İlaç Etken Maddesi Tasarımı, Sentezi, Üretimi ve standardizasyonu Kongresi, Turkey, 30 March - 02 April 2017
- XXX. **Bakır Elektrokimyasal İndirgenmiş Grafen Oksit Cu ERGO Nanokompozit Modifiye Edilen Au Elektrotta Metanolün Elektrokimyasal Oksidasyonu**  
ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü., KURT B., ÖZDURAK B., ROYA N.  
III. Ulusal Uygulamalı Elektrokimya Lisansüstü Yaz Okulu ve Çalıştayı "Elektrokatalitik Sistemler ve Uygulamaları", Turkey, 3 - 07 June 2014
- XXXI. **In<sub>2</sub>Se<sub>3</sub> Yarıiletken Materyallerin Yeni Bir Metot Olan Ko-Depozisyon Metoduyla Sentezi ve Karakterizasyonu**  
BAYRAKÇEKEN NİŞANCI F., ÖZNÜLÜER T., ÖZTÜRK DOĞAN H., DEMİR S., ÜNAL H.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 June 2010
- XXXII. **TİYOL MODİFİYE Au(111) YÜZEYLERDE PbS DEPOZİSYONU**  
BAYRAKÇEKEN NİŞANCI F., DEMİR Ü., ÖZTÜRK DOĞAN H.  
XXII. Ulusal Kimya Kongresi, Magusa, Cyprus (Kktc), 6 - 10 October 2008
- XXXIII. **Farklı Destek Elektrolitleri İçinde Bakır Elektrotta Polianilin Sentezi ve Korozyon Davranışı**  
AYDIN R., ÖZTÜRK DOĞAN H., KÖLELİ F.  
10. Uluslararası korozyon Sempozyumu, Turkey, 1 - 04 November 2006
- XXXIV. **Polipirol kaplı bakır elektrotta elektrokimyasal CO<sub>2</sub> indirgenmesinin voltametrik incelenmesi**  
ÖZTÜRK DOĞAN H., AYDIN R., KÖLELİ F.  
7. Elektrokimya Günleri, Turkey, 28 - 30 June 2006

## Supported Projects

ÖZTÜRK DOĞAN H., ALBAYRAK Ö. F., Project Supported by Higher Education Institutions, Elektrokimyasal teknikle sentezlenen Ag nanopartikül dekore edilmiş CuBi<sub>2</sub>O<sub>4</sub>-rGO nanoyapılarının nitrit sensörü olarak kullanımı, 2022 - 2023

ÖZTÜRK DOĞAN H., ÖZNÜLÜER ÖZER T., ÇEPNİ E., Project Supported by Higher Education Institutions, Pd-grafen nanokompozit modifiye nikel köpük elektrotlarda enzimatik olmayan glukoz tespiti, 2020 - 2021

ÖZTÜRK DOĞAN H., ÇELEBİ N., ANIL D., YAĞAR H., YAŞA A., CEVHER Ö., ÇEMBER R. N., Project Supported by Higher Education Institutions, Meslek Yüksek Okulu Kimya Bölümü 1Sınıf Öğrencilerine Kimyasalların İnsan Vücuduna Zararları Konusunda Farkındalık Oluşturmak, 2019 - 2020

Tümay S. O., Gür E., Öztürk Doğan H., Polat M. F., Yetim A. F., Öznülür Özer T., Demir Ü., TUBITAK Project, Kuantum Parçacık Duyarlı Güneş Hücreleri için Yeni Nesil Nanokompozit Elektrotlar, 2017 - 2020

DEMİR Ü., ÖZNÜLÜER T., ÖZTÜRK DOĞAN H., Project Supported by Higher Education Institutions, POLİ(3,4-ETİLENDİOKSİTİYOFEN)/ELEKTROKİMYASAL İNDİRGENMİŞ GRAFEN OKSİT (PEDOT/ERGO), PRUSSIAN BLUE/ELEKTROKİMYASAL İNDİRGENMİŞ GRAFEN OKSİT (PB/ERGO) VE PEDOT/PB/ERGO ELEKTROTLARIN ELEKTROKİMYASAL SENTEZİ VE KARAKTERİZASYONU, 2015 - 2017

## Scientific Refereeing

ANALYTICA CHIMICA ACTA, SCI Journal, December 2019

JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, SCI Journal, October 2019

ELECTROANALYSIS, SCI Journal, September 2019

ELECTROANALYTICAL CHEMISTRY, SCI Journal, June 2019

ACS OMEGA, SCI Journal, April 2019

JOURNAL OF ELECTROANALYTICAL CHEMISTRY, SCI Journal, April 2019

APPLIED CATALYSIS B-ENVIRONMENTAL, SCI Journal, February 2019

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