

# Prof. Tuba ÖZNÜLÜER ÖZER

## Personal Information

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## International Researcher IDs

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## Biography

**Tuba Öznülüer Özer** received the B.S., M.S., and Ph.D. degrees from the Chemistry Department, Atatürk University, Erzurum, Turkey, in 1998, 2001, and 2007, respectively. She has performed post-doctoral studies on the topic of electrochemical synthesis of nanomaterials for 8 months in Illinois Champaign-Urbana University, USA, in 2009. Now, she is an Associate Professor at Department of Chemistry, Faculty of Sciences, Atatürk University, Turkey. Her research interests include semiconductor thin films, metal oxides, photoelectrodes and electrochemical sensors.

## Education Information

Post Doctorate, University of Illinois at Urbana-Champaign, Tübitak 2219, United States Of America 2009 - 2009

Doctorate, Ataturk University, Fen Bilimleri, Analitik Kimya, Turkey 2001 - 2007

Postgraduate, Ataturk University, Fen Bilimleri, Analitik İmya, Turkey 1998 - 2001

Undergraduate, Ataturk University, Kimya, Turkey 1994 - 1998

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Yeni Bir Elektrokimyasal Kodepozisyon Yöntemi ile Au(111) Elektrodu Üzerinde PbS, PbSe ve PbTe İnce Filmlerinin Sentezi ve Karakterizasyonu, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Analitik Kimya, 2007

Postgraduate, Au(111) Elektrotu Üzerinde Elektrokimyasal Atomik Tabaka Epitaksi Yöntemi ile Bi<sub>2</sub>S<sub>3</sub> Sentezi ve İlk Tabakanın Kinetiğinin İncelenmesi, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2001

## Research Areas

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

## Academic Titles / Tasks

Research Assistant, Ataturk University, Fen Fakültesi, Kimya, 1999 - 2008

## Academic and Administrative Experience

Farabi Coordinator, Ataturk University, Kimya Bölümü, 2010 - Continues  
Erasmus Coordinator, Ataturk University, 2010 - Continues  
Atatürk Üniversitesi, 2017 - 2017

## Courses

Proje-1, Undergraduate, 2021 - 2022  
Enstrümental Analiz Lab, Undergraduate, 2021 - 2022  
Uzmanlık Alan, Doctorate, 2020 - 2021  
Uzmanlık Alan, Doctorate, 2021 - 2022  
Analitik Kimya Laboratuvarı, Undergraduate, 2021 - 2022  
Enstrümental analiz Laboratuvarı, Undergraduate, 2020 - 2021  
Danışmanlık, Doctorate, 2020 - 2021  
Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021  
Analitik Kimya Laboratuvarı I, Undergraduate, 2020 - 2021  
Instrumental Analysis, Undergraduate, 2020 - 2021  
Analitik Kimya, Undergraduate, 2016 - 2017  
Elektrot Kinetiği, Doctorate, 2016 - 2017

## Jury Memberships

Doctorate, Doctorate, Atatürk Üniversitesi, March, 2022  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Iğdır Üniversitesi, January, 2022  
Associate Professor Exam, Associate Professor Exam, Çankırı Karatekin Üniversitesi, October, 2021  
Associate Professor Exam, Associate Professor Exam, Selçuk Üniversitesi, October, 2021  
Associate Professor Exam, Associate Professor Exam, Kafkas Üniversitesi, May, 2021

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

- I. **Enhanced photodiode performance: Au/boron-dipyrromethene/n-Si/Ag structure unveiling high photosensitivity and efficiency**  
Duman S., YILDIZ GÜL E., AYDEMİR M., SELVİTOPI H., ÖZNÜLÜER ÖZER T., TANRIVERDİ EÇİK E.  
OPTICS AND LASER TECHNOLOGY, vol.181, 2025 (SCI-Expanded)
- II. **The effect of immobilized chitinase enzyme on the biocontrol of *Sitophilus* *zeamais***  
DİKBAŞ N., Ucar S., TOZLU G., ÖZNÜLÜER ÖZER T., KOTAN R.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.47, no.2, pp.170-177, 2023 (SCI-Expanded)
- III. **Efficient CdS quantum dot sensitized solar cells based on electrochemically reduced graphene oxide (ERGO)/ZnO nanowall photoanodes and MoS<sub>2</sub>, WS<sub>2</sub>, CuS cascaded counter electrodes**  
Eryigit M., Mobtakeri S., Gur E. P., Temur E., ÖZNÜLÜER ÖZER T., DEMİR Ü., GÜR E.  
SOLAR ENERGY, vol.234, pp.348-359, 2022 (SCI-Expanded)
- IV. **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)
- V. **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)

- VI. **Electrochemical deposition of Indium(III) hydroxide nanostructures for novel battery-like capacitive materials**  
ÇEPNİ E., Ozer T.  
JOURNAL OF ENERGY STORAGE, vol.45, 2022 (SCI-Expanded)
- VII. **Performance of CdTe detector in the 13-1333keV energy range**  
Demir D., ÖNDER P., Öznülür T.  
Radiation Physics and Chemistry, vol.79, no.11, pp.1132-1136, 2010 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Nickel Nanoparticle Modified Graphene/Copper(II) Oxide Nanocomposites: Synthesis, Characterization, and Electrocatalytic Effect on Hydrogen Production**  
Çepni E., Öznülür Özer T.  
6TH INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Antalya, Turkey, 2 - 05 November 2023, pp.24-29
- II. **Photoelectrochemical properties of electrochemically produced p-type chromium(III) oxide nanostructures**  
Çepni E., Öznülür Özer T.  
4 th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Turkey, 14 - 16 December 2022, pp.518-521
- III. **Application of Central Composite Design to Optimize Moxifloxacin Antibiotic Removal by Carbon Black Coated Fabric**  
Demirkaya Miloğlu F., Bayrak B., Demir Ü., Öznülür Özer T., Kadioğlu Y., Çepni E.  
4th International Environmental Chemistry (EnviroChem) Congress, Antalya, Turkey, 30 October - 02 November 2022
- IV. **Electrochemical Fabrication Of Pedot/Ergo/Au Nanocomposite Electrodes For Dopamine Sensor**  
Eryiğit m., KURT URHAN B., GÜR e. p., ÇEPNİ e., HOSSEINPOUR M., ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
International Symposium on Applied Sciences and Engineering, Erzurum, Turkey, 26 - 28 November 2018
- V. **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., Öznülür T., Demir Ü.  
International Symposium on Applied Sciences and Engineering, Erzurum, Turkey, 26 - 28 November 2018
- VI. **Photoelectrochemical Properties of Electrochemically Fabricated TiO<sub>2</sub> Nanostructures**  
Çepni E., Gür E. P., Hosseinpour M., Öztürk Doğan H., Öznülür T., Demir Ü.  
International Symposium on Applied Sciences and Engineering, Erzurum, Turkey, 26 - 28 November 2018
- VII. **Amperometric Detection of H<sub>2</sub>O<sub>2</sub> on Cu/Electrochemically Reduced Graphene Oxide Layered Nanocomposite**  
Temur E., Eryiğit M., KURT URHAN B., DEMİR Ü., ÖZNÜLÜER T.  
2nd International Congress on Semiconductor Materials and Devices, Ardahan, Turkey, 28 - 30 August 2018, pp.73-78
- VIII. **ELECTROCHEMICAL SYNTHESIS OF PRUSSIAN BLUE NANOCUBES DECORATED GRAPHENE HYBRIDS FOR AMPEROMETRIC DETECTION OF DOPAMINE**  
Eryiğit m., GÜR e. p., HOSSEINPOUR m., ÖZTÜRK DOĞAN H., ÖZNÜLÜER T.  
2nd International Congress on Semiconductor Materials and Devices, Ardahan, Turkey, 28 - 30 August 2018
- IX. **Fabrication of TiO<sub>2</sub> Electrodes by Cathodic Electrodeposition**  
Temur E., Eryiğit M., Çepni E., Kurt Urhan B., Gür E. P., Öznülür T., Demir Ü.  
International Conference on Physical Chemistry and Functional Materials, Erzurum, Turkey, 19 - 21 June 2018
- X. **Layered PEDOT/ERGO/Pb Hybrid Nanocomposite Electrodes for Enhanced Ethanol Electro-Oxidation**  
Eryiğit m., GÜR e. p., HOSSEINPOUR M., ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.

International Conference on Physical Chemistry and Functional Materials-PCFM 2018, Elazığ, Turkey, 19 - 21 June 2018, pp.291

- XI. **AU/PEDOT/ERGO/PB Modifiye Elektrotu Kullanılan Amperometrik Yöntem İle Homosisteinin Belirlenmesi**  
ÖZNÜLÜER T., DEMİRKAYA MİLOĞLU F., GÜNDOĞDU G., ERYİĞİT M., DEMİRKAYA A. K.  
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 March 2018
- XII. **Sisteinin AU/PEDOT/ERGO/PB Modifiye Elektrotu Kullanılarak Amperometrik Yöntem İle Belirlenmesi**  
DEMİRKAYA MİLOĞLU F., ÖZNÜLÜER T., GÜNDOĞDU G., DEMİRKAYA A. K.  
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 March 2018
- XIII. **Electrochemically deposited Cu-graphene or Cu<sub>2</sub>O-graphene nanocomposites for thin film photovoltaics**  
ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
II. Uluslararası İğdir Sempozyumu'na (IGDIRSEMP 2017), İğdir, Turkey, 9 - 11 October 2017, pp.13-25
- XIV. **POLİ(3,4-ETİLENDİOKSİTİYOFEN)/Elektrokimyasal İndirgenmiş Grafen Oksit/Prussian Blue(PEDOT/ERGO/PB) Elektrotların Elektrokimyasal Sentezi ve Karakterizasyonu**  
Eryiğit M., ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
2nd International Conference on Advanced Engineering Technologies, 21 - 23 September 2017
- XV. **One-pot electrochemical fabrication of reduced graphene oxide-metal/metal oxide nanocomposites for catalytic, sensor and energy storage applications**  
DEMİR Ü., ÖZNÜLÜER T., ÖZTÜRK DOĞAN H., URHAN KURT B.  
33rd European Conference on Surface Science (Ecos 33), Szeged, Hungary, 27 August - 01 September 2017
- XVI. **Pd-Grafen Nanobiyosensörler**  
ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
5.İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve standardizasyonu Kongresi, Turkey, 30 March - 02 April 2017
- XVII. **Cu-Grafen Nanobiyosensörler**  
ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standartizasyonu, Antalya, Turkey, 30 March - 02 April 2017, pp.180
- XVIII. **Elektriksiz Nikel Bor Kaplamalarda Sodyum Borhidrür İndirgeyicinin Etkileri**  
ÖZNÜLÜER T., DEMİR Ü., BÜLBÜL F.  
14. Uluslararası Korozyon Sempozyumu, Bayburt, Turkey, 5 - 07 October 2016, pp.645-650
- XIX. **Ni Electrochemical Reduced Graphene Oxide Ni ERGO Nanocomposite Electrocatalysts for Direct Alcohol Electrooxidation**  
KURT URHAN B., ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016, pp.421
- XX. **Palladium Electrochemical Reduced Graphene Oxide Pd ERGO Nanocomposite Electrocatalysts for Alcohol Electro oxidation and Biosensor Applications**  
ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016, pp.420
- XXI. **One Pot Electrochemical Synthesis and Characterization of Lead Oxide Electroreduced Graphene Oxide PbO Ergo Nanostructures**  
KURT URHAN B., ÖZTÜRK DOĞAN H., ÖZNÜLÜER T., DEMİR Ü.  
International Physics Conference at the Anatolian peak, Erzurum, Turkey, 25 - 27 February 2016, pp.304
- XXII. **Layer by Layer Electrochemical Fabrication of Reduced Graphene Oxide Metal Metal Oxide Nanocomposites for Catalyst and Sensor Applications**  
DEMİR Ü., ÖZNÜLÜER T., ÖZTÜRK DOĞAN H.  
16th Topical Meeting of the International Society of Electrochemistry, Angra dos Reis, Brazil, 22 - 26 March 2015,

- XXIII. **Bakır Elektrokimyasal İndirgenmiş Grafen Oksit Cu ERGO Nanokompozit Modifiye Edilen Au Elektrotta Metanolün Elektrokimyasal Oksidasyonu**  
ÖZTÜRK DOĞAN H., ÖZNLÜER 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
- XXIV. **Preparation ve characterization of Fe<sub>2</sub>O<sub>3</sub> nanostructures by the electrochemical technique**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü., HANEDAR Y., KARTAL C.  
10. Uluslararası Elektrokimya Kongresi, Konya, Turkey, 4 - 08 September 2013
- XXV. **Electrochemical Fabrication of Reduced Graphene Oxide Copper Nanocomposites**  
ÖZTÜRK DOĞAN H., ÖZDURAK UMAÇ B., KURT B., ÖZNLÜER T., DEMİR Ü.  
10th International Electrochemistry Meeting, Konya, Turkey, 4 - 08 September 2013, pp.83
- XXVI. **Electrochemical Deposition of PbS from Nonaqueous Media**  
BERBER ÖZEKEN T. Ş., ÖZNLÜER T., DEMİR Ü.  
10th International Electrochemistry Meeting, Konya, Turkey, 4 - 08 September 2013, pp.86
- XXVII. **Preparation And Characterization of Fe<sub>2</sub>O<sub>3</sub> Nanostructures by The Electrochemical Technique**  
Hanedar Y., Kartal C., NİŞANCI BAYRAKÇEKEN F., ÖZNLÜER T., DEMİR Ü.  
10th International Electrochemistry Meeting, Konya, Turkey, 4 - 08 September 2013, pp.85
- XXVIII. **Preparation ve characterization of nanostructured Cu<sub>2</sub>O by the underpotentially controlled electrochemical technique,**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü., KARTAL C., HANEDAR Y.  
Nanotr 9, Erzurum, Turkey, 24 - 28 June 2013
- XXIX. **Electrochemical synthesis and Characterization of nanostructured ZnO**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü.  
2013 MRS Spring Meeting, San-Francisco, Costa Rica, 1 - 05 April 2013, pp.234
- XXX. **Elektrokimyasal Metal Oksit Sentezi, 1-6 Ekim 2012.**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü., HANEDAR Y.  
26. Ulusal Kimya Kongresi konferansı, Fethiye/Muğla, Turkey, 1 - 06 October 2012
- XXXI. **NANOBOYUTLU ZnO FOTOAKTİF ELEKTROTLARIN SENTEZİ VE FOTOAKIM PERFORMANSLARININ BELİRLENMESİ**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü., HANEDAR Y.  
VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012
- XXXII. **PEM yakıt pilleri için PEDOT:CSA/C ve PEDOT:PSS/C kompozitlerinin sentezi ve karakterizasyonu**  
MEMİOĞLU F., BAYRAKÇEKEN YURTCAN A., ÖZNLÜER ÖZER T., AK M.  
Ulusal Kimya Mühendisliği Kongresi 10, İstanbul, Turkey, 3 - 06 September 2012, pp.1
- XXXIII. **Polipirol/karbon kompozitlerinin PEM yakıt pilinde meydana gelen karbon korozyonuna dayanımının incelenmesi**  
MEMİOĞLU F., BAYRAKÇEKEN YURTCAN A., ÖZNLÜER ÖZER T., AK M.  
Ulusal Kimya Mühendisliği Kongresi 10, İstanbul, Turkey, 3 - 06 September 2012, pp.1
- XXXIV. **Conducting Polymer/Carbon Composites for PEMFC Electrocatalysts**  
BAYRAKÇEKEN YURTCAN A., MEMİOĞLU F., ÖZNLÜER ÖZER T., AK M.  
The Energy and Materials Research Conference, Malaga, Spain, 20 - 22 June 2012, pp.186
- XXXV. **Synthesis of In<sub>2</sub>S<sub>3</sub> Semiconductor Thin Film by a New Approach**  
ÜNAL H., ÖZTÜRK DOĞAN H., ÖZNLÜER T., DEMİR Ü.  
8th International Electrochemistry Meeting in Turkey, Antalya, Turkey, 8 - 11 October 2009, pp.180
- XXXVI. **Electrochemical patterning of self assembled monolayers and size controlled electrochemical growth of PbS nanostructures**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü.  
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011
- XXXVII. **PEDOT PSS C Composite as Support Material For Fuel Cell Electrocatalysts**  
Memioğlu F., BAYRAKÇEKEN YURTCAN A., ÖZNLÜER T., AK M.

- 9th International Electrochemistry Meeting, İzmir/Çeşme, Turkey, 25 - 29 September 2011, pp.286
- XXXVIII. **Characterization of ZnS Synthesized by an Electrochemical Deposition Method**  
Nişancı Bayrakçeken F., Hanedar Y., ÖZNLÜER T., DEMİR Ü.  
9th International Electrochemistry Meeting, İzmir/Çeşme, Turkey, 25 - 29 September 2011, pp.205
- XXXIX. **Synthesis of Ga<sub>2</sub>Se<sub>3</sub> Thin Film by a New Method**  
ÖZTÜRK DOĞAN H., ÖZNLÜER T., DEMİR Ü.  
9th International Electrochemistry Meeting, İzmir/Çeşme, Turkey, 25 - 29 September 2011, pp.218
- XL. **Alternatif PEM Yakıt Pili Katalizör Desteği olarak Polipirrol/Karbon Kompoziti**  
MEMİOĞLU F., BAYRAKÇEKEN YURTCAN A., ÖZNLÜER ÖZER T., AK M.  
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.1-5
- XLI. **Synthesis and characterization of polypyrrole carbon composite as a catalyst support for fuel cell applications**  
ÖZNLÜER T., Memioğlu F., AK M., BAYRAKÇEKEN YURTCAN A.  
International Conference on Hydrogen Production (ICH2P-11), Thessaloniki, Greece, 19 - 22 June 2011, pp.153
- XLII. **Characterization of ZnSe Synthesized by an Electrochemical Deposition Method**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü.  
(TuSS) Mini workshop on Surface Science for Inauguration of the Turkish Surface Science Society, Ankara, Turkey, 23 May 2011
- XLIII. **In<sub>2</sub>Se<sub>3</sub> Yarıiletken Materyallerin Yeni Bir Metot Olan Ko-Depozisyon Metoduyla Sentezi ve Karakterizasyonu**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., ÖZTÜRK DOĞAN H., DEMİR S., ÜNAL H.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 June 2010
- XLIV. **Synthesis and Characterization of Ternary Pb<sub>Sx</sub>Se<sub>1-x</sub> Thin Films via Electrochemical Co-deposition Methods**  
BAYRAKÇEKEN NİŞANCI F., ÖZNLÜER T., DEMİR Ü.  
NanoTR-VI, İzmir, Turkey, 15 - 18 June 2010
- XLV. **Electrochemical Synthesis of PbSe Nanoparticles**  
BAYRAKÇEKEN NİŞANCI F., DEMİR Ü., ÖZNLÜER T., ALANYALIOĞLU M.  
Nano TR 3, 11 - 14 June 2007
- XLVI. **ECALE Yöntemiyle Au 111 Elektrotu Üzerinde Bi<sub>2</sub>S<sub>3</sub> İnce Filmlerinin Oluşumu ve İlk Tabakalardaki Yapısal Değişimlerin Kinetiği**  
ÖZNLÜER T., ALANYALIOĞLU M., ŞİŞMAN İ., DEMİR Ü.  
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, vol.530
- XLVII. **Bileşik Yarı iletken HgS ün ECALE Yöntemiyle Au 111 Üzerinde Sentezi ve Adsorbsiyon Desorbsiyon Kinetiği**  
ALANYALIOĞLU M., ÖZNLÜER T., DEMİR Ü.  
XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 4 - 07 September 2001
- XLVIII. **Elektrokimyasal Atomik Tabaka Epitaksi Yöntemiyle Bi<sub>2</sub>S<sub>3</sub> Sentezi**  
ÖZNLÜER T., Alanyalıoğlu M., DEMİR Ü.  
3. Ulusal Elektrokimya Günleri, Mersin, Turkey, 18 - 20 April 2001, pp.49

## Supported Projects

TEKİN T., ÖZNLÜER ÖZER T., OĞUZ E., ÖZTÜRK G., KIZILTAŞ H., Project Supported by Higher Education Institutions, 3D Grafen Aerojel Destekli Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/TiO<sub>2</sub>, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/ZnO, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/Ag, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/TiO<sub>2</sub>/Ag, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/ZnO/Ag CoreShell Yapılı Nanokompozit Fotoelektrotların (Fotokatalizörler) Sentezlenmesi Elektrofotokatalitik ve Biyomedikal Aktivitelerinin İncelenmesi, 2019 - 2022

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

AKBULUT N., MENZEK A., DAŞTAN A., EKİNCİ D., KILIÇ H., ÖZDEMİR H., KAZAZ C., SARAÇOĞLU N., ONGANER Y., ŞAHİN E.,

et al, Project Supported by Higher Education Institutions, Kimya Bölümünün Akademik Araştırma Potansiyelinin Geliştirilmesi, 2019 - 2021

DEMİRKAYA MİLOĞLU F., ÖZNLÜER T., GÜNDOĞDU G., Project Supported by Higher Education Institutions, "İNSAN PLAZMASINDA PEDOT/ERGO VE PB/ERGO ELEKTROTLARI KULLANILARAK HOMOSİSTEİN VE SİSTEİNİN ELEKTROKİMYASAL BELİRLENMESİ", 2016 - 2017

DEMİR Ü., ÖZNLÜER 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

ÖZNLÜER ÖZER T., Project Supported by Higher Education Institutions, INSE YARIİLETKEN MATERYALLERİN YENİ BİR METOT OLAN KO-DEPOZİSYON METODUYLA SENTEZİ VE KARAKTERİZASYONU, 2011 - 2012

ÖZNLÜER ÖZER T., Project Supported by Higher Education Institutions, ANALİTİK KİMYA ARAŞTIRMA LABARATUARININ ALT YAPISININ GÜÇLENDİRİLMESİ VE BİLEŞİK YARIİLETKEN PBSE NANOFİMLERİN UPD TEMELİNE DAYANAN ELEKTROKİMYASAL BİR YÖNTEMLE ATOMİK SEVİYE KONTROLLÜ ÜRETİMİ VE KARAKTERİZASYONU, 2011 - 2012

ÖZNLÜER ÖZER T., Project Supported by Higher Education Institutions, ÜÇLÜ BİLEŞİK PBSE İNCE FİMLERİNİN UPD TEMELİNE DAYANAN ELEKTROKİMYASAL BİR YÖNTEMLE ATOMİK SEVİYE KONTROLLÜ ÜRETİMİ VE KARAKTERİZASYONU., 2010 - 2011

## Patent

Dikbaş N., Uçar S., Tozlu G., Öznüluer Özer T., Kotan R., ZnO NANO PARTİKÜLLERİNE İMMOBİLİZE KİTİNAZ ENZİMİNDEN OLUŞAN NANOBİYOİNSEKTİSİT, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PT2021-01159 , Standard Registration, 2021

## Memberships / Tasks in Scientific Organizations

kimyagerler derneği, Member, 2022 - Continues, Turkey

## Scientific Refreeing

Project Supported by Other Official Institutions, Yildiz Technical University, Turkey, March 2024

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, September 2023

JOURNAL OF ELECTROANALYTICAL CHEMISTRY, SCI Journal, February 2023

Project Supported by Other Official Institutions, Erzincan Binali Yildirim University, Turkey, February 2022

JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, October 2021

Project Supported by Other Official Institutions, Nigde Omer Halisdemir University, Turkey, July 2021

Project Supported by Other Official Institutions, Nigde Omer Halisdemir University, Turkey, July 2021

Applied Ctalyisi B, SCI Journal, January 2018

Journal of Electroanalytical Chemistry, SCI Journal, September 2016

Türk Kimya Dergisi, National Scientific Refreed Journal, January 2016

## Tasks In Event Organizations

Öznüluer Özer T., Şenkuytu E., Kışalı N., Sevim M., Tanrıverdi Eçik E., Atmaca U., Çepni E., Bayrakçeken Nişancı F., Topçu E., Kılıç H., et al, KİMYADAN GÜZELLİĞE:KOZMETİK, Workshop Organization, Erzurum, Turkey, Kasım 2022

Tanrıverdi Eçik E., METE E., ŞENKUYTU E., ÖZNLÜER ÖZER T., KILIÇ D., SEVİM M., KİMYACILAR İÇİN KARİYER

## Metrics

Publication: 81

Citation (WoS): 543

Citation (Scopus): 585

H-Index (WoS): 11

H-Index (Scopus): 12

## Congress and Symposium Activities

International Symposium on Applied Sciences and Engineering (ISASE2018), Attendee, Erzurum, Turkey, 2018

2nd International Congress on Semiconductor Materials and Devices, Attendee, Ardahan, Turkey, 2018

International Conference on Physical Chemistry and Functional Materials (PCFM 2018), Attendee, Elazığ, Turkey, 2018

Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2018

International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'17 Bitlis), Attendee, Bitlis, Turkey, 2017

II. Uluslararası İğdir Sempozyumu'na (IGDIRSEMP 2017), Attendee, İğdir, Turkey, 2017

International Conference on Advanced Engineering Technologies (ICADET'17), Attendee, Szeged, Hungary, 2017

I. International congress on medicinal and aromatic plants: natural and healthy life, Attendee, Konya, Turkey, 2017

22nd International Biomedical Science and Technology Symposium (Biomed 2017), Attendee, Ankara, Turkey, 2017

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standartizasyonu, Attendee, Antalya, Turkey, 2017

14. Uluslararası Korozyon Sempozyumu Programı, Attendee, Bayburt, Turkey, 2016

10th Aegean Analytical Chemistry Days, Attendee, Çanakkale, Turkey, 2016

International Physics Conference at the Anatolian peak konferansı, Attendee, Erzurum, Turkey, 2016

16th Topical Meeting of the International Society of Electrochemistry, Attendee, Angra Dos Reis, Brazil, 2015

III. Ulusal Uygulamalı Elektrokimya Lisansüstü Yaz Okulu ve Çalıştayı, Attendee, Balıkesir, Turkey, 2014

10th International Electrochemistry Meeting, Attendee, Konya, Turkey, 2013

Nanotr9, Attendee, Erzurum, Turkey, 2013

2013 MRS Spring Meeting, Attendee, California, United States Of America, 2013

26. Ulusal Kimya Kongresi, Attendee, Muğla, Turkey, 2012

6. Ulusal Analitik Kimya Kongresi, Attendee, Hatay, Turkey, 2012

ECM9 (9th International Electrochemistry Meeting), Attendee, İzmir, Turkey, 2011

International Conference on Hydrogen Production (ICH2P-11), Attendee, Thessaloniki, Greece, 2011

25. Ulusal Kimya Kongresi, Attendee, Erzurum, Turkey, 2011

5. Ulusal Analitik Kimya Kongresi, Attendee, Turkey, 2010

Nano TR-VI, Attendee, İzmir, Turkey, 2010

8th International Electrochemistry Meeting, Attendee, Antalya, Turkey, 2009

XXII. Ulusal Kimya Kongresi, Attendee, Gazimagusa, Cyprus (Kkct), 2008

Nano-TR-III, Attendee, Ankara, Turkey, 2007

7. Elektrokimya Günleri, Attendee, Turkey, 2006

XIX. Ulusal Kimya Kongresi, Attendee, Aydın, Turkey, 2005

6. Elektrokimya Günleri, Attendee, Eskişehir, Turkey, 2005

XVIII. Ulusal Kimya Kongresi, Attendee, Kars, Turkey, 2004

V. Ulusal Elektrokimya Günleri, Attendee, Samsun, Turkey, 2004

IV. Elektrokimya Günleri, Attendee, Turkey, 2003

XVI. Ulusal Kimya Kongresi, Attendee, Konya, Turkey, 2002



XV. Ulusal Kimya Kongresi, Attendee, İstanbul, Turkey, 2001

3. Ulusal Elektrokimya Günleri, Attendee, Mersin, Turkey, 2001

## **Scholarships**

2219 Turtdışı doktora sonrası araştırma bursu, TÜBİTAK, 2009 - 2009

## **Non Academic Experience**

University of Illinois