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Personal Information

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Publons / Web Of Science ResearcherID: AAH-8049-2020

ScopusID: 55053455700

Yoksis Researcher ID: 318688

Education

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Biyoteknoloji (Dr), Turkey 2012 - 2019

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Ege University, Mühendislik Fakültesi, Biyomühendislik Bölümü, Turkey 2006 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Biyomoleküler etkileşimi elektrokimyasal algılamaya yönelik DNA biyosensörlerinin geliştirilmesi, Ege University, Fen Bilimleri Enstitüsü, Biyoteknoloji (Dr), 2019

Postgraduate, Nükleik asit analizleri için elektrokimyasal sensör teknolojilerinin geliştirilmesi, Ege University, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), 2012

Research Areas

Health Sciences, Natural Sciences, Engineering and Technology

Academic Positions

Associate Professor, Bilecik Seyh Edebali University, Sağlık Hizmetleri Meslek Yüksekokulu, 2023 - Continues

Academic and Administrative Experience

Assistant Coordinator, Bilecik Seyh Edebali University, Rektörlük, 2022 - Continues

BAP Scientific Commissioner, Bilecik Seyh Edebali University, Sağlık Hizmetleri Meslek Yüksekokulu, Eczane Hizmetleri, 2021 - Continues

Bilecik Seyh Edebali University, 2021 - Continues

Bilecik Seyh Edebali University, 2021 - 2022

Courses

Postgraduate

BYT5055 Biyomalzemelerin Yapı, Özellik ve Uygulamaları, Postgraduate, 2021 - 2022, 2020 - 2021

Undergraduate

GST116 Biyomimikri, Undergraduate, 2020 - 2021

Associate Degree

ECH110 Temel Mikrobiyoloji, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

MOS179 Araştırma Teknikleri ve Kaynakça Yazımı, Associate Degree, 2021 - 2022, 2020 - 2021

ECH115 Laboratuvar Güvenliği, Associate Degree, 2021 - 2022, 2020 - 2021

ECH210 Eczane Teknikerleri İçin İlk Yardım, Associate Degree, 2021 - 2022, 2020 - 2021

ECH211 Meslekte Etik, Associate Degree, 2020 - 2021

ECH207 Temel Biyokimya, Associate Degree, 2020 - 2021

ECH107 Mesleki Terminoloji, Associate Degree, 2020 - 2021

TLT116 Laboratuvar Aletleri, Associate Degree, 2019 - 2020

Supervised Theses

Gül Ü. D., ÇONGUR G., Fabrika katı organik atığının biyosorbent olarak kullanımıyla gerçekleştirilen fenol biyosorpsiyonunun elektrokimyasal izlenmesi, Postgraduate, E.NAZİLLİ(Student), 2021

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Development of hydroxyapatite nanoparticles modified pencil graphite electrodes for voltammetric detection of paracetamol and phenol and greenness assessment of the sensor platform**
Çongur G., Efe E.
Microchemical Journal, vol.208, 2025 (SCI-Expanded)
- II. **Impedimetric monitoring of microRNA-200c-3p using hydroxyapatite nanoparticles modified pencil graphite electrodes**
Çongur G., Erdem A.
Journal of Materials Science, vol.59, no.25, pp.11468-11479, 2024 (SCI-Expanded)
- III. **Synthesis, antimicrobial activity, electrochemical studies and molecular modeling studies of novel 1,3,4-oxadiazole derivatives**
Al-Sharabi A. A., Saffour S., Evren A. E., Bayazıt G., Çongur G., Gül Ü. D., Yurttaş L.
Journal of Molecular Structure, vol.1289, 2023 (SCI-Expanded)
- IV. **Electrochemical Biosensors for Monitoring of Drug-DNA Interactions**
Çongur G.
Current Topics in Medicinal Chemistry, vol.23, no.4, pp.316-330, 2023 (SCI-Expanded)
- V. **Development of a Disposable Aptasensor Using Carboxymethyl Cellulose and Hydroxyapatite Nanoparticles for Voltammetric Detection of Glyphosate**
Çongur G., Erdem A.
Journal of the Electrochemical Society, vol.170, no.5, 2023 (SCI-Expanded)
- VI. **An up-to-date review about (bio)sensor systems developed for detection of glyphosate**
Çongur G.
International Journal of Environmental Analytical Chemistry, vol.103, no.17, pp.5974-5986, 2023 (SCI-Expanded)

- VII. **Fast, Cheap and Reliable Monitoring of Microalgae-Based Paracetamol Removal from Aquatic Environment Using Electrochemical Sensor Technology**
Çongur G., Gül Ü. D., Ertit Taştan B.
Journal of the Electrochemical Society, vol.169, no.11, 2022 (SCI-Expanded)
- VIII. **Electrochemical Detection of Phenol Removal by Using a Biosorbent Originated Factory Solid Waste**
Çongur G., Gül Ü. D.
Electroanalysis, vol.34, no.3, pp.455-463, 2022 (SCI-Expanded)
- IX. **Phenol monitoring in water samples using an inexpensive electrochemical sensor based on pencil electrodes modified with DTAB surfactant**
Çongur G., Gül Ü. D.
Journal of Environmental Chemical Engineering, vol.9, no.5, 2021 (SCI-Expanded)
- X. **Single-Use Electrochemical Platform for Monitoring of Antimicrobial Activity in Comparison to Minimum Inhibitory Concentration Assay**
Gül Ü. D., Çongur G., Yavuz Ş. A.
Journal of the Electrochemical Society, vol.168, no.8, 2021 (SCI-Expanded)
- XI. **Monitoring of glyphosate-DNA interaction and synergistic genotoxic effect of glyphosate and 2,4-dichlorophenoxyacetic acid using an electrochemical biosensor**
Çongur G.
Environmental Pollution, vol.271, 2021 (SCI-Expanded)
- XII. **Electrochemical investigation of the interaction of 2,4-D and double stranded DNA using pencil graphite electrodes**
ÇONGUR G.
Turkish Journal of Chemistry, vol.45, no.3, pp.600-615, 2021 (SCI-Expanded)
- XIII. **PAMAM dendrimer modified screen printed electrodes for impedimetric detection of miRNA-34a**
Çongur G., Erdem A.
Microchemical Journal, vol.148, pp.748-758, 2019 (SCI-Expanded)
- XIV. **Impedimetric detection of miRNA-34a using graphene oxide modified chemically activated graphite electrodes**
Çongur G., Eksin E., Erdem A.
Sensors and Actuators, A: Physical, vol.279, pp.493-500, 2018 (SCI-Expanded)
- XV. **Hydroxyapatite Nanoparticles Modified Graphite Electrodes for Electrochemical DNA Detection**
Erdem A., Çongur G.
Electroanalysis, vol.30, no.1, pp.67-74, 2018 (SCI-Expanded)
- XVI. **Development of amino functionalized carbon coated magnetic nanoparticles and their application to electrochemical detection of hybridization of nucleic acids**
Altay C., Senay R. H., Eksin E., Çongur G., Erdem A., Akgol S.
Talanta, vol.164, pp.175-182, 2017 (SCI-Expanded)
- XVII. **Intracellular uptake study of radiolabeled anticancer drug and impedimetric detection of its interaction with DNA**
Top M., Er O., Çongur G., Erdem A., Lambrecht F. Y.
Talanta, vol.160, pp.157-163, 2016 (SCI-Expanded)
- XVIII. **Impedimetric detection of pathogenic bacteria with bacteriophages using gold nanorod deposited graphite electrodes**
Moghtader F., Çongur G., Zareie H. M., Erdem A., Piskin E.
RSC Advances, vol.6, no.100, pp.97832-97839, 2016 (SCI-Expanded)
- XIX. **Impedimetric Detection of microRNA at Graphene Oxide Modified Sensors**
Çongur G., Eksin E., Erdem A.
Electrochimica Acta, vol.172, pp.20-27, 2015 (SCI-Expanded)
- XX. **Electrochemical assay for determination of gluten in flour samples**
Eksin E., Çongur G., Erdem A.
Food Chemistry, vol.184, pp.183-187, 2015 (SCI-Expanded)

- XXI. **Development of ionic liquid modified disposable graphite electrodes for label-free electrochemical detection of DNA hybridization related to *Microcystis* spp**
Sengiz C., Çongur G., Erdem A.
Sensors (Switzerland), vol.15, no.9, pp.22737-22749, 2015 (SCI-Expanded)
- XXII. **Indicator-free electrochemical biosensor for microRNA detection based on carbon nanofibers modified screen printed electrodes**
Erdem A., Eksin E., Çongur G.
Journal of Electroanalytical Chemistry, vol.755, pp.167-173, 2015 (SCI-Expanded)
- XXIII. **Multiwalled Carbon Nanotubes-Chitosan Modified Single-Use Biosensors for Electrochemical Monitoring of Drug-DNA Interactions**
Sengiz C., Çongur G., Eksin E., Erdem A.
Electroanalysis, vol.27, no.8, pp.1855-1863, 2015 (SCI-Expanded)
- XXIV. **Electrochemical monitoring of the interaction between Temozolamide and nucleic acids by using disposable pencil graphite electrodes**
Altay C., Eksin E., Çongur G., Erdem A.
Talanta, vol.144, pp.809-815, 2015 (SCI-Expanded)
- XXV. **Detection of p53 Gene by Using Genomagnetic Assay Combined with Carbon Nanotube Modified Disposable Sensor Technology**
Çongur G., Plucnara M., Erdem A., Fojta M.
Electroanalysis, vol.27, no.7, pp.1579-1586, 2015 (SCI-Expanded)
- XXVI. **Iron(III) and nickel(ii) complexes as potential anticancer agents: Synthesis, physicochemical and structural properties, cytotoxic activity and DNA interactions**
Bal Demirci T., Çongur G., Erdem A., Erdem-Kuruca S., Özdemir N., Akgün-Dar K., Varol B., Ülküseven B.
New Journal of Chemistry, vol.39, no.7, pp.5643-5653, 2015 (SCI-Expanded)
- XXVII. **Electrochemical investigation of the interaction between topotecan and DNA at disposable graphite electrodes**
Çongur G., Erdem A., Mese F.
Bioelectrochemistry, vol.102, pp.21-28, 2015 (SCI-Expanded)
- XXVIII. **PAMAM dendrimer functionalized magnetic particles developed for voltammetric DNA analysis**
Erdem A., Çongur G., Mese F.
Journal of Electroanalytical Chemistry, vol.741, pp.51-55, 2015 (SCI-Expanded)
- XXIX. **Aptasensor platform based on carbon nanofibers enriched screen printed electrodes for impedimetric detection of thrombin**
Erdem Gürsan K. A., Çongur G., Mayer G.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.758, pp.12-19, 2015 (SCI-Expanded)
- XXX. **Zinc oxide nanowire decorated single-use electrodes for electrochemical DNA detection**
Çongur G., Ates E. S., Afal A., Ünal H. E., Erdem A.
Journal of the American Ceramic Society, vol.98, no.2, pp.663-668, 2014 (SCI-Expanded)
- XXXI. **Electrochemical Detection of Activated Protein C Using an Aptasensor Based on PAMAM Dendrimer Modified Pencil Graphite Electrodes**
Erdem A., Çongur G., Mese F.
Electroanalysis, vol.26, no.12, pp.2580-2590, 2014 (SCI-Expanded)
- XXXII. **Electrochemical monitoring of surface confined interaction between 6-Thioguanine and DNA by using single-use graphite electrode**
Eksin E., Çongur G., Mese F., Erdem A.
Journal of Electroanalytical Chemistry, vol.733, pp.33-38, 2014 (SCI-Expanded)
- XXXIII. **Succinamic acid functionalized PAMAM dendrimer modified pencil graphite electrodes for voltammetric and impedimetric DNA analysis**
Çongur G., Eksin E., Mese F., Erdem A.
Sensors and Actuators, B: Chemical, vol.201, pp.59-64, 2014 (SCI-Expanded)
- XXXIV. **Voltammetric aptasensor combined with magnetic beads assay developed for detection of human**

activated protein C

Erdem A., ÇONGUR G.

Talanta, vol.128, pp.428-433, 2014 (SCI-Expanded)

- XXXV. **Dendrimer modified 8-channel screen-printed electrochemical array system for impedimetric detection of activated protein C**
Erdem A., Çongur G.
Sensors and Actuators, B: Chemical, vol.196, pp.168-174, 2014 (SCI-Expanded)
- XXXVI. **Dendrimer enriched single-use aptasensor for impedimetric detection of activated protein C**
Erdem A., Çongur G.
Colloids and Surfaces B: Biointerfaces, vol.117, pp.338-345, 2014 (SCI-Expanded)
- XXXVII. **Voltammetric and impedimetric detection of DNA hybridization by using dendrimer modified graphite electrodes**
Mese F., Çongur G., Erdem A.
Journal of Electroanalytical Chemistry, vol.719, pp.92-97, 2014 (SCI-Expanded)
- XXXVIII. **Label-free voltammetric detection of MicroRNAs at multi-channel screen printed array of electrodes comparison to graphite sensors**
Erdem A., Çongur G.
Talanta, vol.118, pp.7-13, 2014 (SCI-Expanded)
- XXXIX. **Genomagnetic assay for electrochemical detection of osteogenic differentiation in mesenchymal stem cells**
Erdem A., DURUKSU G., ÇONGUR G., Karaoz E.
Analyst, vol.138, no.18, pp.5424-5430, 2013 (SCI-Expanded)
- XL. **Multi channel screen printed array of electrodes for enzyme-linked voltammetric detection of MicroRNAs**
Erdem A., Çongur G., Eksin E.
Sensors and Actuators, B: Chemical, vol.188, pp.1089-1095, 2013 (SCI-Expanded)
- XLI. **Voltammetric and impedimetric DNA detection at single-use graphite electrodes modified with gold nanorods**
Çongur G., Sayar F., Erdem A., Piskin E.
Colloids and Surfaces B: Biointerfaces, vol.112, pp.61-66, 2013 (SCI-Expanded)
- XLII. **Estrone specific molecularly imprinted polymeric nanospheres: Synthesis, characterization and applications for electrochemical sensor development**
Çongur G., Senay H., Turkcan C., Canavar E., Erdem A., Akgol S.
Combinatorial Chemistry and High Throughput Screening, vol.16, no.7, pp.503-510, 2013 (SCI-Expanded)
- XLIII. **Impedimetric detection of in situ interaction between anti-cancer drug bleomycin and DNA**
Erdem A., Çongur G.
International Journal of Biological Macromolecules, vol.61, pp.295-301, 2013 (SCI-Expanded)
- XLIV. **Synthesis and characterization of water-insoluble statistical copolymer and its application in the development of electrochemical DNA sensor**
Tuncer C., Canavar E., Çongur G., Karadeniz H., Erdem A., Bütün V.
Talanta, vol.100, pp.270-275, 2012 (SCI-Expanded)
- XLV. **Sensitive sepiolite-carbon nanotubes based disposable electrodes for direct detection of DNA and anticancer drug-DNA interactions**
Erdem A., Kuralay F., Çubukçu H. E., Çongur G., Karadeniz H., Canavar E.
Analyst, vol.137, no.17, pp.4001-4004, 2012 (SCI-Expanded)
- XLVI. **Electrochemical monitoring of indicator-free DNA hybridization by carbon nanotubes-chitosan modified disposable graphite sensors**
Erdem A., Muti M., Karadeniz H., Çongur G., Canavar E.
Colloids and Surfaces B: Biointerfaces, vol.95, pp.222-228, 2012 (SCI-Expanded)
- XLVII. **Graphene oxide integrated sensor for electrochemical monitoring of mitomycin C-DNA interaction**
Erdem A., Muti M., Papakonstantinou P., Canavar E., Karadeniz H., Çongur G., Sharma S.

Analyst, vol.137, no.9, pp.2129-2135, 2012 (SCI-Expanded)

XLVIII. Single-Use Sensor Platforms Based on Carbon Nanotubes for Electrochemical Detection of DNA Hybridization Related to Microcystis spp.

Erdem A., Karadeniz H., Canavar P. E., Çongur G.

Electroanalysis, vol.24, no.3, pp.502-511, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development of a novel methyl germanane modified disposable sensor and its application for voltammetric phenol detection**
Çongur G.
Surfaces and Interfaces, vol.25, 2021 (Scopus)
- II. **Chitosan modified graphite electrodes developed for electrochemical monitoring of interaction between daunorubicin and DNA**
Çongur G., Ekşin Çerkezoğlu E., Erdem Gürsan K. A.
Sensing and Bio-Sensing Research, vol.22, pp.100255, 2019 (Scopus)
- III. **New Trends in Electrochemical Protein Sensors**
Erdem Gürsan K. A., Canavar E., Karadeniz H., Çongur G.
Hacettepe Journal of Biology and Chemistry, vol.39, no.39, pp.231-239, 2011 (Peer-Reviewed Journal)

Books

- I. **Aptasensor Technologies Developed for Detection of Toxins**
EKŞİN ÇERKEZOĞLU E., ÇONGUR G., ERDEM GÜRSAN K. A.
in: Biosensors for Security and Bioterrorism Applications, , Editor, Springer, pp.249-259, 2016
- II. **Electrochemical Biosensors for Screening of Toxins and Pathogens**
ERDEM GÜRSAN K. A., Muti M., KARADENİZ H., ÇONGUR G., canavar e.
in: NATO Science for Peace and Security Series A: Chemistry and Biology: Portable Chemical Sensors: Weapons Against Bioterrorism, , Editor, Springer, pp.323-334, 2012

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Fabrication Of A Methyl Germanane Modified Disposable Biosensor For Electrochemical DNA Analysis**
Çongur G.
2nd. International Symposium of Scientific Research and Innovative Studies, Bilecik, Turkey, 2 - 05 March 2022, (Full Text)
- II. **Yeni Nesil 2 Boyutlu Nanomalzeme Modifiye Tek Kullanımlık Elektrokimyasal Sensör Sistemlerinin Geliştirilmesi**
ÇONGUR G.
33. Ulusal Kimya Kongresi, Turkey, 7 - 09 October 2021, (Summary Text)
- III. **Development of a Disposable Electrochemical Analysis Platform for the Determination of Antimicrobial Activity**
ÇONGUR G., GÜL Ü. D., YAVUZ Ş. A.
10th International Molecular Biology and Biotechnology Congress, Turkey, 4 - 08 October 2021, (Summary Text)
- IV. **Electrochemical Monitoring of Biointeraction Between Glyphosate and DNA By Using Disposable Pencil Graphite Electrodes**
ÇONGUR G.

International Online Engineering and Natural Sciences Conference (IOCENS'21), 29, Turkey, 5 - 07 July 2021, (Summary Text)

V. **2,4-DİKLOROFENOKSİASETİK ASİT İLE DNA ETKİLEŞİMİNİN ELEKTROKİMYASAL OLARAK İNCELENMESİ**

ÇONGUR G.

International Symposium of Scientific Research and Innovative Studies, Turkey, 22 February 2021, (Summary Text)

VI. **Elektrokimyasal DNA Analizlerine Yönelik PAMAM Dendrimer Modifiye Sensörler**

ÇONGUR G., EKŞİN E., meşe f., ERDEM GÜRSAN K. A.

27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015, (Summary Text)

VII. **PAMAM dendrimer modifiye tek kullanımlık kalem grafit elektrotlara dayalı aptasensör ile aktive edilmiş Protein C'xxnin elektrokimyasal tayini**

ÇONGUR G., meşe f., ERDEM GÜRSAN K. A.

I. Ulusal Biyosensör Kongresi, Turkey, 22 - 26 June 2014, (Summary Text)

VIII. **Electrochemical Investigation Of Topotecan-DNA Interaction By Using Carbon Nanotubes Modified Pencil Graphite Electrodes**

ÇONGUR G., meşe f., ERDEM GÜRSAN K. A.

19th International Biomedical Science and Technology Symposium (BIOMED2013), 12 - 15 November 2013, (Summary Text)

IX. **Development of Gold Nanorods Based Single-Use Electrochemical DNA Biosensors**

ÇONGUR G., SAYAR F., ERDEM GÜRSAN K. A., pişkin e.

European Materials Research Society (EMRS) Fall Meeting, Symposium G: Bioinspired and Biointegrated Materials as Frontiers Nanomaterials III, 16 - 20 September 2013, (Summary Text)

X. **Single-Use Sensor Platforms Based on Carbon Nanotubes for Electrochemical Detection of DNA Hybridization Related to Microcystis spp**

ÇONGUR G., canavar e., KARADENİZ H., ERDEM GÜRSAN K. A.

1. Nanoteknoloji Günleri, Turkey, 18 - 19 April 2013, (Summary Text)

XI. **Development of Molecularly Imprinted Polymer Modified Electrochemical Sensor for Detection of Endocrine Disrupting Chemicals**

ÇONGUR G., şenay r. h., TÜRKCAN C., canavar e., ERDEM GÜRSAN K. A., AKGÖL S.

2. Uluslararası Gıda Ar-Ge Proje Pazarı, 3 - 04 April 2013, (Summary Text)

XII. **Antikanser İlaç Topotekan-DNA Etkileşiminin Elektrokimyasal Tayini**

ÇONGUR G., meşe f., ERDEM GÜRSAN K. A.

IV. Multidisipliner Kanser Araştırma Kongresi, Turkey, 13 - 16 December 2012, (Summary Text)

XIII. **Su Toksini Microcystis spp.'nin Elektrokimyasal Tayinine Yönelik Karbon Nanotüp Modifiye Edilmiş Tek Kullanımlık DNA Sensör Platformlarının Geliştirilmesi**

ERDEM GÜRSAN K. A., KARADENİZ H., canavar e., ÇONGUR G.

Türkiye İnovasyon Haftası, Turkey, 6 - 08 December 2012, (Summary Text)

XIV. **Electrochemical DNA Biosensors Based on Gold Nanorods**

ÇONGUR G., SAYAR F., ERDEM GÜRSAN K. A., pişkin e.

NanoTR-8, Turkey, 25 - 29 June 2012, (Summary Text)

XV. **Antikanser İlaç Daunorubisin - DNA Etkileşiminin Tek Kullanımlık Sensörlerle Elektrokimyasal Tayini**

ÇONGUR G., çalışkan a., ERDEM GÜRSAN K. A.

Uluslararası Katılımlı 25. Ulusal Kimya Kongresi, Atatürk Üniversitesi, Turkey, 27 June - 01 July 2011, (Summary Text)

XVI. **Estrone Specific Molecularly Imprinted Polymeric Nanospheres: Synthesis, Characterization and Applications in Electrochemical Sensor**

şenay r. h., TÜRKCAN C., Canavar E., ÇONGUR G., AKGÖL S., ERDEM GÜRSAN K. A.

NanoTR-7, 27 June - 01 July 2011, (Summary Text)

XVII. **Voltammetric and Impedimetric Detection of Interaction Between Anticancer Drug Daunorubicin and DNA**

ÇONGUR G., çalışan a., ERDEM GÜRSAN K. A.

International Symposium on Drug Research and Development "From Chemistry to Medicine" New Horizons and Job Opportunities for Young Scientists, 27 - 29 May 2011, (Summary Text)

Funded Projects

Çongur G., Evren A. E., TUBITAK Project, Herbisit Genotoksitesinin Tayinine Yönelik Kullan-At Elektrokimyasal Biyosensör Platformu Geliştirilmesi, 2024 - 2025

ÇONGUR G., Project Supported by Higher Education Institutions, Bir Pestisit Olan Glufosinat Amonyumun DNA Üzerindeki Etkisinin Elektrokimyasal Tayini, 2023 - 2025

Gül Ü. D., Çongur G., Project Supported by Higher Education Institutions, DNA Hasarının Tayinine Yönelik Biyopolimer Temelli Biyosensör Sisteminin Geliştirilmesi, 2021 - 2024

Çongur G., Erdem Gürsan K. A., Project Supported by Higher Education Institutions, Hidroksiapatit Nanopartikülü Modifiye Elektrokimyasal mikroRNA Biyosensörlerinin Geliştirilmesi, 2021 - 2023

Çongur G., Erdem Gürsan K. A., TUBITAK Project, TÜBİTAK-1002, 2021 - 2022

Çongur G., Gül Ü. D., Project Supported by Higher Education Institutions, Fenol Gideriminde Biyosorbent Olarak Fabrika Katı Organik Atıkların Kullanımı ve Fenol Gideriminin Farklı Analitik Yöntemlerle İzlenmesi, 2020 - 2022

İletken Polimer Temelli Kontrollü İlaç Salım Sistemleri, (TÜBİTAK-Kariyer geliştirme projesi, 112T805), 2013 - 2015

Çoklu Ölçüm Sistemlerine Dayalı Yeni Nesil Nükleik Asit Biyosensörleri ile Tek Nokta Mutasyonunun Elektrokimyasal Tayini/ Nanomaterial-Modified Disposable Electrochemical DNA Sensors For The Detection of Mutations and SNPs: Application in Diagnostics of Mitochondrial Genome-Related Diseases, (TÜBİTAK-Çek Cumhuriyet Bilimler Akademisi (ASCR) Uluslararası İşbirliği projesi, 111T050), 2012 - 2014

Voltametri ve elektrokimyasal empedans spektroskopisi esaslı dendrimerlere dayalı aptasensör teknolojilerinin geliştirilmesi, 2011 - 2013

Patent

Çongur G., Gül Ü. D., Sürfaktan modifiye elektrokimyasal sensör ve bu sensörün elde edilmesi için bir yöntem, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2021014095 , Standard Registration, 2024

GÜLŞAH Ç., KARBONHİDRAT POLİMERİ TEMELLİ BİR SENSÖR VE BU SENSÖRÜN GELİŞTİRİLMESİNE AİT YÖNTEM, Patent, CHAPTER C Chemistry; Metallurgy, 2022

GÜLŞAH Ç., Nükleik Asit İzolasyonu İçin Amino Fonksiyonel Karbon Kabuklu Manyetik Nanopartiküller Ve Nükleik Asit Hibridizasyonunun Elektrokimyasal Tayinine Yönelik Uygulamaları, Patent, CHAPTER C Chemistry; Metallurgy, 2021

Çongur G., Ekşin Çerkezoğlu E., Erdem Gürsan K. A., CARBOHYDRATE POLYMER-BASED SENSOR AND METHOD FOR DEVELOPING THIS SENSOR, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: EP/20906024 , Standard Registration, 2020

GÜLŞAH Ç., Akciğer Kanserin Nükleer Görüntülenmesi/Tedavisinde Kullanılacak Yeni Bir Ajan, Patent, CHAPTER A Human Needs, 2019

GÜLŞAH Ç., HİDROKSİAPATİT NANOPARTİKÜLLER İLE MODİFİYE EDİLEN KALEM GRAFİT ELEKTROTLARA DAYALI TEK KULLANIMLIK BİR ELEKTROKİMYASAL NÜKLEİK ASİT BİYOSENSÖRÜ, Patent, CHAPTER G Physics, 2018

Awards

Çongur G., Dünyanın En Etkili Bilim İnsanları Listesi, 2023 Yılı Yıllık Etki, Stanford Üniversitesi, September 2024

Çongur G., Erdem Gürsan K. A., En İyi Bildiri İkincilik Ödülü, Bursa Teknik Üniversitesi, June 2024

Çongur G., Akıngüç Ödülü, İstanbul Kültür Üniversitesi , December 2023

Çongur G., Erdem Gürsan K. A., 6. Ar-Ge Proje Pazarı, Üçüncülük Ödülü, Bartın Üniversitesi 6. Ar-Ge Proje Pazarı, November 2023

Çongur G., Akademik Teşvik Ödülü, Bilecik Şeyh Edebali Üniversitesi, January 2022

Çongur G., Gül Ü. D., Sürfaktan Modifiye Tek Kullanımlık Ve Ucuz Bir Elektrokimyasal Fenol Sensörü, İstanbul Kimyevi Maddeler Ve Mamulleri İhracatçıları Birliği (İkmib) 10. Kimya Ar-Ge Proje Pazarı, Temel Kimyasallar Kategorisi, November 2021

Çongur G., Erdem Gürsan K. A., TÜBA TEKNOFEST Doktora Bilim Ödülü, Sağlık ve Yaşam Bilimleri Kategorisinde 2ncilik ödülü, Teknofest-2021, September 2021

Erdem Gürsan K. A., Ekşin E., Çongur G., Gıdalarda Glütinin Elektrokimyasal Tayinine Yönelik Kullan-At Sensör Teknolojisi, Ege İhracatçı Birlikleri, July 2015

Çongur G., Erdem Gürsan K. A., Development of Gold Nanorods Based Single-Use Electrochemical DNA Biosensors, European Materials Research Society (EMRS) Fall Meeting, Symposium G: Bioinspired and Biointegrated Materials as Frontiers Nanomaterials III, Poster presentation and oral presentation in Young Researchers: Innovative Biomedical Nanomaterials, nanosystems, nanotechnologies and functions., Emrs Fall Meeting, October 2013

Erdem Gürsan K. A., Çongur G., Akgöl S., Şenay R. H., Development of Molecularly Imprinted Polymer Modified Electrochemical Sensor for Detection of Endocrine Disrupting Chemicals, Ege İhracatçı Birlikleri, July 2013