

Assoc. Prof. ESRA BAĞDA

Personal Information

Email: esraer@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/esraer>

Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2006 - 2010

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2003 - 2006

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 1997 - 2002

Courses

İlaç Tasarımında İleri Enstrümantal Teknikler, Undergraduate, 2018 - 2019

Araştırma Projesi Uygulama Dersi - II, Undergraduate, 2018 - 2019

Seminer, Postgraduate, 2019 - 2020

Eczacılık Elektrokimyasal Analiz, Undergraduate, 2018 - 2019

Eczacılıkta İleri Enstrümantel Teknikleri, Postgraduate, 2019 - 2020

Analitik Yöntem Validasyonu, Postgraduate, 2019 - 2020

Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020

Özütleme Teknikleri, Postgraduate, 2018 - 2019

İlaç DNA Etkileşimlerinde Analitik Kimyasal Yaklaşımlar, Postgraduate, 2019 - 2020

Analitik Kimya - II, Undergraduate, 2018 - 2019

Araştırma Projesi Dersi - I, Undergraduate, 2019 - 2020

Analitik Kimya - I, Undergraduate, 2018 - 2019

İlaç Analizlerinde Ayırma Teknikleri, Undergraduate, 2017 - 2018

Kimyasal Analiz Sonuçlarının İstatistiksel Değerlendirilmesi, Undergraduate, 2018 - 2019

Genel Kimya - II, Undergraduate, 2016 - 2017

Eser Element Analizi, Postgraduate, 2016 - 2017

Genel Kimya - I, Undergraduate, 2016 - 2017

Polimerlerin Analitik ve Çevre Kimyasındaki Kullanım Alanları, Postgraduate, 2015 - 2016

Elektroforez ve Kapiler Elektroforez Teknikleri, Postgraduate, 2016 - 2017

Kromatografik Analiz Yöntemleri, Undergraduate, 2014 - 2015

Genel Kimya, Undergraduate, 2014 - 2015

İngilizce - II, Associate Degree, 2012 - 2013

Advising Theses

Bağda E., Dna ftalosiyanın etkileşimlerinin UV- görünür bölge, floresans spektroskopisi, jel elektroforez ve erime yöntemleri ile incelenmesi, Postgraduate, B.PEKPAZAR(Student), 2021

Bağda E., Oymak T., Kuantum nokta entegre biyosensör geliştirilerek çift sarmal ve g-quadrupleks dna tayininde kullanılabilirliğinin araştırılması, Postgraduate, A.TOPCU(Student), 2021

Bağda E., Monomerik ve Multimerik Telomerik G-Quadrupleks DNA Yapıları ile Ftalosiyanın Bileşiklerinin Etkileşimlerinin

Analitık Tekniklerle Arařtırılması, Postgraduate, S.YILMAZ(Student), 2021

Bağda E., Suda çözüner bakır ve okso-titanyum (IV) ftalosiyanın bileşiklerinin G-quadrupleks DNA etkileşimlerinin CD spektroskopisi ve izotermal titrasyon kalorimetrisi ile araştırılması, Postgraduate, G.ŞAHİN(Student), 2020

Bağda E., Suda Çözüner Ftalosiyanın Bileşiklerin Paralel ve Hibrit G-quadrupleks DNA Molekülleri ile Etkileşiminin İncelenmesi, Postgraduate, F.AYDIN(Student), 2020

Bağda E., Süt tozu numunelerinden ağır metal ekstraksiyonu için derin ötektik çözücülerin kullanılabilirliği, Postgraduate, A.KURT(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of quantum dot-phthalocyanine integrated G-quadruplex /double-stranded DNA biosensor**
Topcu A., BAĞDA E., OYMAK T., Durmuş M.
Analytical Biochemistry, vol.654, 2022 (SCI-Expanded)
- II. **A porous fabric-based molecularly imprinted polymer for specific recognition of tetracycline by radiation-induced RAFT-mediated graft copolymerization**
AKBULUT SÖYLEMEZ M., Can H. K. , BAĞDA E., BARSBAY M.
RADIATION PHYSICS AND CHEMISTRY, vol.199, 2022 (SCI-Expanded)
- III. **Deep Eutectic Solvent-based Extraction of As, Mn, Pb, Cr, and Ni from Spleen, Kidney, and Brain Samples**
Bağda E., Altundağ H., Keskin C. S.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.77, no.9, pp.1111-1118, 2022 (SCI-Expanded)
- IV. **One-pot modification of oleate-capped UCNPs with AS1411 G-quadruplex DNA in a fully aqueous medium**
BAĞDA E., Kizilyar Y., Ghaffarlou M., BARSBAY M.
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, vol.642, 2022 (SCI-Expanded)
- V. **EXTRACTION AND DETERMINATION OF Cd, Co, Se, V AND Ag LEVELS IN COW'S MUSCLE, LIVER, KIDNEY, LUNG, SPLEEN AND BRAIN SAMPLES**
BAĞDA E., Altundağ H., Keskin C. S.
Revue Roumaine de Chimie, vol.67, no.4-5, pp.293-304, 2022 (SCI-Expanded)
- VI. **Determination of Sulfadiazine in Natural Waters by Pine Needle Biochar - Derivatized Magnetic Nanocomposite Based Solid-Phase Extraction (SPE) with High-Performance Liquid Chromatography (HPLC)**
Avcı R. N. , OYMAK T., BAĞDA E.
ANALYTICAL LETTERS, vol.55, no.16, pp.2495-2506, 2022 (SCI-Expanded)
- VII. **Interaction of water soluble cationic gallium(III) phthalocyanines with different G-quadruplex DNAs**
Yılmaz H. E. , BAĞDA E., BAĞDA E., DURMUŞ M.
POLYHEDRON, vol.208, 2021 (SCI-Expanded)
- VIII. **Investigation of Binding behaviour of a water-soluble gallium (III) phthalocyanine with double-stranded and G-quadruplex DNA via experimental and computational methods**
BAĞDA E., BAĞDA E., KOÇAK A., DURMUŞ M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1240, 2021 (SCI-Expanded)
- IX. **BSA/DNA binding behavior and the photophysicochemical properties of novel water soluble zinc(II)phthalocyanines directly substituted with piperazine groups**
Khezami K., Harmandar K., BAĞDA E., BAĞDA E., Sahin G., Karakodak N., DURMUŞ M.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, 2021 (SCI-Expanded)
- X. **The new water soluble zinc(II) phthalocyanines substituted with morpholine groups- synthesis and optical properties**
Khezami K., Harmandar K., BAĞDA E., BAĞDA E., Sahin G., Karakodak N., Jamoussi B., DURMUŞ M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.401, 2020 (SCI-Expanded)

- XI. **Development of deep eutectic solvent extraction method for extraction of Zn²⁺ from powdered milk and baby formula samples and its determination by ICP-OES**
Kurt A., BAĞDA E., ALTUNDAĞ H.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.17, no.6, pp.1359-1367, 2020 (SCI-Expanded)
- XII. **Effective uranium biosorption by macrofungus (*Russula sanguinea*) from aqueous solution: equilibrium, thermodynamic and kinetic studies**
BAĞDA E., SARI A., TÜZEN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.317, no.3, pp.1387-1397, 2018 (SCI-Expanded)
- XIII. **Thermodynamics and Kinetics of Biosorption of Vanadium with Macrofungus (*Hypholoma fasciculare*) and Determination by GFAAS**
BAĞDA E., TÜZEN M., SARI A., Shemsi A. M., Bukhari A. A.
ATOMIC SPECTROSCOPY, vol.39, no.4, pp.170-177, 2018 (SCI-Expanded)
- XIV. **Crosslinked Egg White as Eco-Friendly, Reusable, and Cost-Effective Biosorbent for Rapid Removal of Indigo Carmine**
OYMAK T., BAĞDA E.
CLEAN-SOIL AIR WATER, vol.46, no.6, 2018 (SCI-Expanded)
- XV. **Highly Simple Deep Eutectic Solvent Extraction of Manganese in Vegetable Samples Prior to Its ICP-OES Analysis**
BAĞDA E., ALTUNDAĞ H., SOYLAK M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.179, no.2, pp.334-339, 2017 (SCI-Expanded)
- XVI. **G-quadruplex and calf thymus DNA interaction of quaternized tetra and octa pyridyloxy substituted indium (III) phthalocyanines**
Bagda E., BAĞDA E., DURMUŞ M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.175, pp.9-19, 2017 (SCI-Expanded)
- XVII. **A simple and sensitive vortex-assisted ionic liquid-dispersive microextraction and spectrophotometric determination of selenium in food samples**
BAĞDA E., TÜZEN M.
FOOD CHEMISTRY, vol.232, pp.98-104, 2017 (SCI-Expanded)
- XVIII. **Equilibrium, thermodynamic and kinetic investigations for biosorption of uranium with green algae (*Cladophora hutchinsiae*)**
BAĞDA E., TÜZEN M., SARI A.
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, vol.175, pp.7-14, 2017 (SCI-Expanded)
- XIX. **A Novel Selective Deep Eutectic Solvent Extraction Method for Versatile Determination of Copper in Sediment Samples by ICP-OES**
BAĞDA E., ALTUNDAĞ H., TÜZEN M., SOYLAK M.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.99, no.2, pp.264-269, 2017 (SCI-Expanded)
- XX. **Analytical approaches for clarification of DNA-double decker phthalocyanine binding mechanism: As an alternative anticancer chemotherapeutic**
BAĞDA E., YABAŞ E., Bagda E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.172, pp.199-204, 2017 (SCI-Expanded)
- XXI. **Circular dichroism spectroscopic investigation of double-decker phthalocyanine with G-Quadruplex as promising telomerase inhibitor**
BAĞDA E., BAĞDA E., YABAŞ E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1127, pp.716-721, 2017 (SCI-Expanded)
- XXII. **Solid phase extraction of uranium on a new brush type graft copolymer and spectrophotometric determination of its in water samples**
TÜZEN M., BAĞDA E., HAZER B.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.310, no.3, pp.1255-1263, 2016 (SCI-Expanded)
- XXIII. **Determination of uranium in water samples with chromogenic reagent 4-(2-thiazolylazo) resorcinol**

- after ionic liquid based dispersive liquid liquid microextraction**
BAĞDA E., TÜZEN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.309, no.2, pp.453-459, 2016 (SCI-Expanded)
- XXIV. **Ionic liquid dispersive microextraction and spectrophotometric determination of trace uranyl ion in water samples**
BAĞDA E., TÜZEN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.306, no.2, pp.385-392, 2015 (SCI-Expanded)
- XXV. **The water soluble ball-type phthalocyanine as new potential anticancer drugs**
YABAŞ E., BAĞDA E., BAĞDA E.
DYES AND PIGMENTS, vol.120, pp.220-227, 2015 (SCI-Expanded)
- XXVI. **Determination of zirconium in water, dental materials and artificial saliva after surfactant assisted dispersive ionic liquid based microextraction**
BAĞDA E., TÜZEN M.
RSC ADVANCES, vol.5, no.130, pp.107872-107879, 2015 (SCI-Expanded)
- XXVII. **Uranyl Ions Removal by Quercus macrenthera Gall's Extract-Based Cryogels with Extreme Characteristics**
BAĞDA E., ZONUZ N.
CLEAN-SOIL AIR WATER, vol.42, no.12, pp.1816-1823, 2014 (SCI-Expanded)
- XXVIII. **Determination of vanadium in groundwater samples with an improved kinetic spectrophotometric method**
Bagda E.
ENVIRONMENTAL TECHNOLOGY, vol.35, no.9, pp.1165-1174, 2014 (SCI-Expanded)
- XXIX. **Feasibility of tetracycline, a common antibiotic, as chelating agent for spectrophotometric determination of UO₂²⁺ after cloud point extraction**
BAĞDA E., YABAŞ E., KARAKUŞ N.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.299, no.3, pp.1813-1820, 2014 (SCI-Expanded)
- XXX. **Investigation of adsorptive removal of tetracycline with sponge like Rosa canina gall extract modified polyacrylamide cryogels**
BAĞDA E., ERŞAN M., BAĞDA E.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.1, no.4, pp.1079-1084, 2013 (SCI-Expanded)
- XXXI. **Investigation of kinetic and thermodynamic characteristics of removal of tetracycline with sponge like, tannin based cryogels**
ERŞAN M., BAĞDA E., BAĞDA E.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.104, pp.75-82, 2013 (SCI-Expanded)
- XXXII. **The feasibility of using Rosa canina galls as an effective new biosorbent for removal of methylene blue and crystal violet**
Bagda E.
DESALINATION AND WATER TREATMENT, vol.43, pp.63-75, 2012 (SCI-Expanded)
- XXXIII. **REMOVAL OF BASIC BLUE AND CRYSTAL VIOLET WITH A NOVEL BIOSORBENT: OAK GALLS**
BAĞDA E., BAĞDA E.
JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, vol.13, no.2, pp.517-531, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of Interaction of Bismarck Brown Y- Palladium Complex with AS1411 G-quadruplex Aptamer**
BAĞDA E., Durak R., BAĞDA E., DUMAN D., AYHAN E.
Turkish Journal of Analytical Chemistry (Online), 2022 (Peer-Reviewed Journal)
- II. **The recent studies about the interaction of phthalocyanines with DNA**
BAĞDA E., BAĞDA E.

Turkish Journal of Analytical Chemistry, 2022 (Peer-Reviewed Journal)

III. **Decolourization of Methylene Blue in Aqueous Solution by Photocatalytic Oxidation, Fenton Oxidation and Biosorption**

KARTAL TEMEL N., BAĞDA E.

CUMHURİYET SCIENCE JOURNAL, 2022 (Peer-Reviewed Journal)

IV. **A versatile water soluble ball-type phthalocyanine as potential antiproliferative drug: the interaction with G-quadruplex formed from Tel 21 and cMYC**

BAĞDA E., BAĞDA E., YABAŞ E.

Journal of the Turkish Chemical Society, Section A: Chemistry, 2017 (Peer-Reviewed Journal)

V. **A versatile water soluble ball-type phthalocyanine as potential antiproliferative drug: The interaction with G-quadruplex of Tel 21 and cMYC**

BAĞDA E., BAĞDA E., YABAŞ E.

Journal of the Turkish Chemical Society, Section A: Chemistry, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The up-to-date analytical/molecular and instrumental techniques for clarifying the drug-DNA interaction**
BAĞDA E., BAĞDA E.
5th International Eurasian Conference on Biological and Chemical Sciences, Turkey, 23 November 2022
- II. **AS1411: an important G-quadruplex aptamer with excellent therapeutic applications**
BAĞDA E., BAĞDA E.
5th International Eurasian Conference on Biological and Chemical Sciences, Turkey, 23 November 2022
- III. **Monomerik ve Multimerik Telomerik G-Quadrupleks DNA Yapıları ile Galyum Ftalosiyanın Bileşiklerinin Etkileşimlerinin Dairesel Dikroizm Spektroskopisi ile Araştırılması**
YILMAZ S., BAĞDA E., DURMUŞ M.
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 - 26 November 2021, pp.38
- IV. **Investigation of Interactions of Indium-Phthalocyanine with Telomeric G-Quadruplex DNA by Different Analytical Techniques**
YILMAZ S., BAĞDA E., DURMUŞ M.
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 - 26 November 2021, pp.1147
- V. **Development Of Nucleolin-Targeted Phthalocyanine Loaded G-Quadruplex Drug Carrier Systems**
BAĞDA E., BAĞDA E., DURMUŞ M.
8th Multidisciplinary Cancer Research Congress, 16 January 2021
- VI. **The Photocytotoxic Effects Of G-Quadruplex Structured AS1411 Aptamers (APT) And The Conjugates Of Newly Synthesized Phthalocyanine (Pc) Compounds (Pc-5 And Pc-15) On Doxorubicin Sensitive/Resistant Breast Cancer And Mammary Gland Epithelial Cell Lines**
ALTUN A., BAĞDA E., BAĞDA E., DURMUŞ M.
8th Multidisciplinary Cancer Research Congress, Turkey, 16 January 2021
- VII. **Investigation of the modification of oleate-capped UCNPs with G-quadruplex**
BAĞDA E., BAĞDA E., Kizilyar H. Y. , Mehrnia M., Ghaffarlou M., BARSBAY M.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- VIII. **Structural stabilization or destabilization of AS1411 G-quadruplex forming aptamer with indium(III)phthalocyanine**
BAĞDA E., BAĞDA E., ŞAHİN G., KARAKODAK N., Akkuş N., DURMUŞ M.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020

- IX. Novel gallium(III) and indium(III) phthalocyanines for photodynamic therapy**
Akkuş N., DURMUŞ M., BAĞDA E., BAĞDA E.
3rd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2020), 19 - 20 March 2020
- X. Is AS1411 G-quadruplex a drug delivery vehicle for substituted gallium(III) phthalocyanine?**
BAĞDA E., BAĞDA E., KARAKODAK N., ŞAHİN G., Akkuş N., DURMUŞ M.
3rd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2020), 19 - 20 March 2020
- XI. Synthesis of octa substituted gallium(III) and indium(III) phthalocyanine photosensitizers for photodynamictherapy**
DURMUŞ M., Akkuş N., BAĞDA E., BAĞDA E.
3rd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2020), 19 - 20 March 2020
- XII. Synthesis of novel gallium(II) and indium(II) phthalocyanines for photodynamic therapy of cancer cell lines**
Akkuş N., DURMUŞ M., BAĞDA E., BAĞDA E.
2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 June 2019
- XIII. Synthesis of new gallium(II) and indium(II) phthalocyanines for photodynamic therapy of cancer cell lines**
akkuş n., DURMUŞ M., BAĞDA E., BAĞDA E.
4th GTU Photodynamic Day, 25 April 2019
- XIV. PİRİDİN TETRA SÜBSTİTÜYE MONOFTALOSİYANİNLERİN DNA, TOPOİZOMERAZ ETKİLEŞİMLERİ**
Bağda E., Bağda E., Yabaş E., Cantürk Kılıçkaya P., Yılmaz H. E.
Biomed 2018, İstanbul, Turkey, 15 - 16 December 2018
- XV. Tel 21 G-quadrupleks DNA-Bakır Ftalosiyanın Etkileşimi**
ŞAHİN G., BAĞDA E., GÖKTUĞ Ö., DURMUŞ M.
Biomed 2018, 15 - 16 December 2018
- XVI. Farklı Ftalosiyanın Moleküllerinin DNA ile Etkileşimleri**
KARAKODAK N., BAĞDA E., BAĞDA E., ŞAHİN G., HARMANDAR K., Khaoula K., DURMUŞ M.
BİOMED 2018, Turkey, 15 - 16 December 2018
- XVII. A new simple and rapid extraction technique coupled with induced coupled plasma optical emission spectroscopy for trace determination of manganese from meat samples**
Akın A., BAĞDA E., ALTUNDAĞ H.
ICINSE2018-KIEV, 7 - 10 September 2018
- XVIII. Effect of ethylenediaminetetraacetic acid on extraction of iron with novel extractive solvent**
BAĞDA E., ALTUNDAĞ H.
ICINSE2018-KIEV, 7 - 10 September 2018
- XIX. FOTODUYARLAŞTICI BİLEŞİKLER VE BİYOLOJİK UYGULAMALARI**
BAĞDA E., BAĞDA E., YABAŞ E.
1st international congress on social sciences humanities and education, 22 - 23 December 2017
- XX. SUDA ÇÖZÜNEN MONO- VE SANDVIÇ TİP FTALOSİYANİN MOLEKÜLLERİNİN AMES/MİKROZOM MUTAJENİTE TESTLERİ**
BAĞDA E., BAĞDA E., YABAŞ E., YILDIRIM Ş., Yılmaz H. E.
1st international congress on social sciences humanities and educations, 22 - 23 December 2017
- XXI. AKDENİZ VE EGE BÖLGELERİ HEMİDACTYLUS TURCICUS (LİNNAEUS, 1758)POPULASYONLARININ GENETİK VARYASYONU**
BAĞDA E., BAĞDA E.
1st international congress on social sciences humanities and educations, 22 - 23 December 2017
- XXII. Usage in removal of indigo carmine by cross linkedegg white as new biosorbent**
OYMAK T., BAĞDA E.
19th International Symposium on Environmental Pollution and its Impact on Life in theMediterranean Region, 4 -

06 October 2017

- XXIII. **İYONİK SIVI DAĞILIMLI SIVI SIVI MİKROEKSTRAKSİYON YÖNTEMİ İLE NİKELİN ÖNDERİŞTİRİLMESİ VE AAS İLE TAYİNİ**
BAĞDA E., KARTAL TEMEL N., TÜZEN M.
XV. Ulusal Spektroskopi Kongresi-Yalova, Turkey, 17 - 19 May 2017
- XXIV. **İndium (III) ftalosiyanin bileşiğinin farklı DNA türleri ile etkileşimlerinin incelenmesi**
BAĞDA E., BAĞDA E., DURMUŞ M.
XV. ulusal spektroskopi kongresi, Turkey, 17 - 19 May 2017
- XXV. **GIDA ÖRNEKLERİNDE MANGAN TAYİNİ İÇİN DERİN ÖTEKTİK ÇÖZÜCÜ SİSTEMLERİ**
BAĞDA E., ALTUNDAĞ H., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi-Yalova, Turkey, 17 - 19 May 2017
- XXVI. **Preparation of Molecularly-Imprinted Non-Woven Fabrics Selective For Tetracycline Binding**
AKBULUT SÖYLEMEZ M., BARSBAY M., BAĞDA E., Güven O.
2nd IWA Regional International Symposium on Water, Wastewater and Environment (IWA-PPFW2017), Çeşme, Turkey, 22 - 24 March 2017
- XXVII. **DNA Etkileşimli Top Tipi Ftalosiyanin Molekülünün Kemik ve Meme Kanseri Fotodinamik Terapide Kullanılabilirliği**
SOYLU S., BAĞDA E., ALTUN A., YABAŞ E., BAĞDA E., KURT A.
INTERNATIONAL INES ACADEMIC RESEARCH CONGRESS, 3 - 05 November 2016
- XXVIII. **DNA etkileşimli top tipi ftalosiyanin molekülünün kemik ve meme kanseri fotdinamik terapide kullanılabilirliği**
SOYLU S., BAĞDA E., ALTUN A., Yavaş E., BAĞDA E., KURT A.
first international academic research congress, 3 - 05 November 2016
- XXIX. **DNA ETKİLEŞİMLİ TOP TIPI FTALOSİYANIN MOLEKÜLÜNÜN KEMİK VE MEME KANSERİ FOTODİNAMİKTERAPİDE KULLANILABİLİRLİĞİ**
SOYLU S., BAĞDA E., ALTUN A., BAĞDA E., KURT A.
1. INTERNATIONAL ACADEMIC RESEARCH CONGRESS, 3 - 05 November 2016, pp.464
- XXX. **DERİN ÖTEKTİK ÇÖZÜCÜLER KULLANARAK SEDİMENT ÖRNEKLERİNDEAĞIR METAL EKSTRAKSİYONU VE ICP OES TAYİNLERİ**
BAĞDA E., ALTUNDAĞ H., TÜZEN M., SOYLAK M.
ESAN 2016, Turkey, 19 - 22 May 2016
- XXXI. **Analytical Investigation Of A New Sandwich Type Phthalocyanine and Oncogene Interaction**
BAĞDA E., YABAŞ E., BAĞDA E.
1st International Turkic World Conference on Chemical Sciences and Technologies, 27 October - 01 November 2015
- XXXII. **INVESTIGATION OF PROPERTIES OF WATER SOLUBLE 1 2 DIMETHYLAMINO ETHYL 1H TETRAZOLE SUBSTITUTED METAL FREE AND ZINC II MONOPHTHALOCYANINES**
YABAŞ E., BAĞDA E.
1st International Turkic World Conference on Chemical Sciences and Technologies, 27 October - 01 November 2015
- XXXIII. **SYNTHESIS AND SPECTROSCOPIC PROPERTIES OF NEW WATER SOLUBLE MONOPHTHALOCYANINES**
YABAŞ E., BAĞDA E.
COLLOQUIUM SPECTROSCOPICUM INTERNATIONALE XXXIX, 30 August - 03 September 2015
- XXXIV. **Determination of zirconium with 2 5 Bromo 2 pyridylazo 5 diethylamino phenol in water artificial saliva and dental materials after ionic liquid based microextraction**
BAĞDA E., TÜZEN M.
COLLOQUIUM SPECTROSCOPICUM INTERNATIONALE XXXIX, 30Ağustos-3 Eylül 2015., 30 August - 03 September 2015
- XXXV. **Spectrophotometric determination of uranium after ionic liquid based dispersive liquid liquid microextraction**
BAĞDA E., TÜZEN M.

COLLOQUIUM SPECTROSCOPICUM INTERNATIONALE XXXIX, 30 Ağustos-3 Eylül 2015., 30 August - 03 September 2015

XXXVI. **Interaction of a new sandwich type phthalocyanine with DNA A potential anticancer agent**
BAĞDA E., YABAŞ E., BAĞDA E.

COLLOQUIUM SPECTROSCOPICUM INTERNATIONALE XXXIX, 30 August - 03 September 2015

XXXVII. **Investigation of Properties of Water Soluble 1,2,8-dimethylamino ethyl 1H Tetrazole Substituted Metal Free and Zinc II Monophthalocyanines**
YABAŞ E., BAĞDA E.

1st International Turkic World Conference on Chemical Sciences and Technologies, 27 Ekim-1 Kasım 2015., 27 October - 01 November 2015

XXXVIII. **Çeşitli Su Örneklerinde Uranyum İyonunun İyonik Sıvı Dağılımlı Sıvı Sıvı Mikroekstraksiyonu ile Zenginleştirilmesi ve Spektrofotometrik Tayini**
BAĞDA E., TÜZEN M.

XIV. Ulusal Spektroskopi Kongresine, Turkey, 29 - 31 May 2015

XXXIX. **Decolourization of a Cationic Dye by Advanced Oxidation Process and Biosorption**
KARTAL TEMEL N., BAĞDA E.

Esan-2014, III. Eser Analiz Çalıştayı, Tokat, Turkey, 14 - 18 May 2014

XL. **Uranyumun Spektrofotometrik Tayini Öncesi Br PADAP Modifiye Edilmiş Kriyojeller İle Ön Deriştirilmesi**
BAĞDA E., YABAŞ E.

III. Eser Analiz Çalıştayı, Turkey, 15 - 18 May 2014

XLI. **BALL) (TOP TİPİ ÇİNKO II FTALOSİYANİNLERİN SENTEZİ VE SPEKTROFOTOMETRİK OLARAK DNA BAĞLANMA ÖZELLİĞİNİN İNCELENMESİ**

YABAŞ E., BAĞDA E., BAĞDA E.

ESAN 2014, Turkey, 15 - 18 May 2014

XLII. **URANYUMUN SPEKTROFOTOMETRİK TAYİNİ ÖNCESİ Br PADAPMODİFİYE EDİLMİŞ KRİYOJELLER İLE ÖN DERİŞTİRİLMESİ**

BAĞDA E., YABAŞ E.

ESAN 2014, Turkey, 15 - 18 May 2014

XLIII. **Ball Top Tipi Çinko II Ftalosiyanınların Sentezi Ve Spektrofotometrik Olarak DNA Bağlanma Özelliğinin İncelenmesi**

YABAŞ E., BAĞDA E., BAĞDA E.

III. Eser Analiz Çalıştayı, Turkey, 15 - 18 May 2014

XLIV. **Removal of uranyl ions with cryogels having extreme characteristics produced from Quercus macrenthera gall s extract**

BAĞDA E., ERŞAN M., YABAŞ E., BULUT E.

44. World Chemistry Congress, İstanbul, Turkey, 11 August 2013

XLV. **Adsorptive Removal of Cu II with novel alumina iron oxide and alumina iron oxide modified polymeric composites**

ERŞAN M., BAĞDA E., DÜĞENCİ F., BULUT E., ÖZTÜRK D., DEMET A.

44. World Chemistry Congress, İstanbul, Turkey, 11 August 2013

XLVI. **Adsorptive removal of tetracycline TC from aqueous environment by a new type of sorbent**

ERŞAN M., BAĞDA E., DÜĞENCİ F., BULUT E., ÖZTÜRK D., ARSLANLI D.

44. World Chemistry Congress, İstanbul, Turkey, 11 August 2013

Supported Projects

Bağda E., Project Supported by Higher Education Institutions, Monomerik ve multimerik telomerik G-Quadrupleks DNA yapıları ile ftalosiyanın bileşiklerinin etkileşimlerinin analitik tekniklerle araştırılması CÜBAP Proje No ECZ 2021-084, 2021 - 2022

Bağda E., Bağda E., Project Supported by Higher Education Institutions, Nükleolin hedefli G-quadrupleks taşıyıcı sisteme dayalı akıllı kemoterapötik ajan geliştirilmesi ve fotodinamik terapide uygulamaları” adlı 118Z204 numaralı TÜBİTAK projesi kapsamında bilim insanı yetiştirme ve geliştirme projesi, 2019 - 2022

Bağda E., Doğan M., Bağda E., Project Supported by Higher Education Institutions, Kulak Yolu Küreti Dezenfeksiyonunda Yeni Yöntem Geliştirme: Fotodinamik Dezenfeksiyon, 2019 - 2021

Bağda E., Project Supported by Higher Education Institutions, Kuantum nokta entegre biyosensör geliştirilerek çift sarmal ve G-quadrupleks DNA tayininde kullanılabilirliğin araştırılması CÜBAP Proje No ECZ 067, 2019 - 2021

Bağda E., Project Supported by Higher Education Institutions, DNA-ftalosiyanın etkileşimlerinin UV-görünür bölge, floresans spektroskopisi, jel elektroforez ve erime yöntemleri ile incelenmesi CÜBAP Proje No ECZ 061, 2018 - 2021

Bağda E., Bağda E., Durmuş M., Altun A., Erdem Gürsan K. A. , TUBİTAK Project, Nükleolin Hedefli G-Quadrupleks Taşıyıcı Sisteme Dayalı Akıllı Kemoterapötik Ajan Geliştirilmesi Ve Fotodinamik Terapide Uygulamaları, 2018 - 2021

Bağda E., Project Supported by Higher Education Institutions, Suda Çözünür bakır ve okso-titanyum (IV) ftalosiyanın bileşiklerinin G-Quadrupleks DNA etkileşimlerinin CD spektroskopisi ve izotermal titrasyon kalorimetrisi ile araştırılması CÜBAP Proje No ECZ 062, 2018 - 2020

Bağda E., Bağda E., Durmuş M., Şahin G., Karakodak N., Project Supported by Higher Education Institutions, İndiyum Merkez Atomlu Ftalosiyanın Fotoduyarlaştırıcı Moleküllerin ct DNA ve G-quadruplex DNA lar ile Etkileşiminin İncelenmesi, 2017 - 2018

Özdemir Kol İ., Bağda E., Bağda E., Gürsoy S., Yabaş E., Yılmaz H. E. , Project Supported by Higher Education Institutions, Medikal Amaçlı Antimikrobiyal Fotodinamik Terapi ve İnaktivasyon, 2016 - 2018

Cantürk Kılıçkaya P., Bağda E., Bağda E., Yabaş E., Project Supported by Higher Education Institutions, Topoizomeraz enzimlerinin yeni imidazol sübstitüye titanyum ve magnezyum ftalosyanin bileşikleri ile etkileşimleri, 2015 - 2018

Bağda E., Bağda E., Yabaş E., Cantürk Kılıçkaya P., Project Supported by Higher Education Institutions, Fotoduyarlaştırıcı Bileşikler ve Biyolojik Uygulamaları, 2014 - 2018

Yıldırım Ş., Bağda E., Bağda E., Yabaş E., Yılmaz H. E. , Project Supported by Higher Education Institutions, Suda Çözünen Mono- ve Sandviç Tip Ftalosiyanınlarının Ames/Mikrozom Mutajenite Testleri, 2016 - 2017

Soylu S., Bağda E., Bağda E., Altun A., Yabaş E., Kurt A., Project Supported by Higher Education Institutions, DNA Etkileşimli Top Tipi Ftalosiyanın Molekülünün Meme Kanseri Fotodinamik Terapide Kullanılabilirliği, 2015 - 2017

Yabaş E., Bağda E., Bağda E., Project Supported by Higher Education Institutions, Tetrakatyonik 5 3 Pridil 1 3 4 oksadiazol Sübstitüye Ftalosiyanınlerin Sentezi Karakterizasyonu ve DNA Bağlanma Özelliklerinin İncelenmesi, 2013 - 2017

Bağda E., Bağda E., Yabaş E., Project Supported by Higher Education Institutions, Sandviç Tipi Ftalosiyanın Onkogen Etkileşimlerine Analitik Yaklaşım, 2015 - 2016

Bağda E., Project Supported by Higher Education Institutions, Quercus macranthera ssp galleri ile atık sulardan boya giderimi CÜBAP Proje No F 364, 2012 - 2013

Mobility Activity

Other, Guest Researcher, Ecole Polytechnique, France, 2022 - Continues

Post Doc, Post Doc, Johann Wolfgang Goethe-Universitaet Frankfurt am Main, Germany, 2022 - 2022

Metrics

Publication: 85

Citation (WoS): 384

Citation (Scopus): 404

H-Index (WoS): 11

H-Index (Scopus): 11