

CEM ERKMEN

ASSISTANT PROFESSOR



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Education

Doctoral 2017 15/Aralık/2022	ANKARA UNIVERSITY/INSTITUTE OF HEALTH SCIENCES// Thesis name: Beyin hasarı biyobelirteçlerinin biyolojik numunelerden erken teşhisine yönelik analitik yöntem geliştirilmesi (2022) Thesis Advisor:(Bengi Uslu; Gözde Aydoğdu Tığ)
Master (Thesis) 2015 13/Ocak/2017	ANKARA UNIVERSITY/INSTITUTE OF HEALTH SCIENCES// Thesis name: Yeni nesil HILIC kolon kullanılarak bazı antiviral ilaçların farmasötik dozaj şekillerinden sıvı kromatografisi ile analizi (2017) Thesis Advisor:(PROF. DR. BENGİ USLU)
Bachelor's Degree 2010 28/Mayıs/2018	ANADOLU UNIVERSITY/FACULTY OF BUSINESS ADMINISTRATION///
Bachelor's Degree 2009 14/Temmuz/2014	GAZİ UNIVERSITY/FACULTY OF ENGINEERING///

Academic Title

ASSISTANT PROFESSOR 26.02.2024 İSTANBUL AYDIN UNIVERSITY/ECZACILIK FAKÜLTESİ/TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI

Positions in Projects:

- Bazı sefalosporinlerin DNA ile etkileşiminin incelenmesi: Biyosensör tasarımı, Scientific Research Project Supported by Higher Education Institutions, Araştırmacı:CEM ERKMEN, Yürütücü:BENGİ USLU, Araştırmacı:BURÇİN BOZAL PALABIYIK, , 16/05/2018 - 16/11/2020 (NATIONAL)
- Antikanser ilaç Nelarabinin Elektrokimyasal Özelliklerinin İncelenmesi ve Hassas Tayinine Yönelik Elektrokimyasal Nanosensör Geliştirilmesi , Scientific Research Project Supported by Higher Education Institutions, Araştırmacı:CEM ERKMEN, Yürütücü:SEVİNÇ KURBANOĞLU, Araştırmacı:ÖZGE SELÇUK, , 18/10/2022 - 18/10/2023 (NATIONAL)
- Yeni nesil HILIC kolon kullanılarak bazı antiviral ilaçların farmasötik dozaj şekillerinden sıvı kromatografisi ile analizi, Scientific Research Project Supported by Higher Education Institutions, Araştırmacı:CEM ERKMEN, Yürütücü:BENGİ USLU, Araştırmacı:MEHMET GÜMÜŞTAŞ, , 08/06/2016 -

08/06/2017 (NATIONAL)

4. Gastrointestinal Hastalık Biyobelirteci L-Sitrülinin Hassas Tayinine Yönelik Aptamer Tabanlı Sensör Platformlarının Tasarımı, Scientific Research Project Supported by Higher Education Institutions, Araştırmacı:CEM ERKMEN, Yürütücü:BENĞİ USLU, Araştırmacı:ÖZGE SELÇUK, Araştırmacı:Didem Nur Ünal, , 04/05/2023 (In Progress) (NATIONAL)
5. Monosit Kemoatraktan Protein-1 (MCP-1) Tanısında Kullanılmak Üzere Moleküler Baskılı Polimerler ve Aptamer Tabanlı Elektrokimyasal Tanı Kiti Geliştirilmesi , TUSEB, Araştırmacı:CEM ERKMEN, Yürütücü:BENĞİ USLU, Araştırmacı:ÖZGE SELÇUK, Araştırmacı:Didem Nur Ünal, Araştırmacı:İpek Küçük, Araştırmacı:SEVİNÇ KURBANOĞLU, Bursiyer:Selenay Sadak, , 01/01/2023 (In Progress) (NATIONAL)
6. Nanozim İçeren Elektrokimyasal Sensörlerin Hazırlanması ve Meme Kanseri Biyobelirteci HER2'nin Tayininde Kullanımı , TUBITAK Project, Yürütücü:CEM ERKMEN, Danışman:FİLİZ KURALAY, , 01/05/2023 (In Progress) (NATIONAL)
7. Sporda Yasaklı Maddelerden Meldonyum'un Tespiti için Çapraz Reaktif Algılayıcı Sentezi, Algılayıcı Dizilerinin Oluşturulması ve Deneysel Sonuçlarının Çok Değişkenli Analiz Yöntemleriyle Değerlendirilmesi, TUBITAK Project (1001), Bursiyer:CEM ERKMEN, Yürütücü:MEHMET GÖKHAN ÇAĞLAYAN, Araştırmacı:ERGİN YALÇIN, , 01/11/2017 - 01/11/2019 (NATIONAL)
8. Beyin Hasarı Biyobelirteçlerinin Biyolojik Numunelerden Erken Teşhisine Yönelik Analitik Yöntem Geliştirilmesi, TUBITAK Project (1002), Yürütücü:CEM ERKMEN, Danışman:BENĞİ USLU, , 01/09/2022 - 01/03/2023 (NATIONAL)
9. Polimer Temelli Elektrokimyasal Sensör Yüzeylerinin Hazırlanması: L- Sitrülin Amino Asidi'nin Seçici Tayininde Kullanılması, TUSEB, Yürütücü:Esra Görür, Danışman:BENĞİ USLU, Araştırmacı:CEM ERKMEN, , 01/01/2024 (In Progress) (NATIONAL)
10. Bazı Antiviral İlaçlar Üzerine Analitik Çalışmalar: Biyolojik Moleküllerle Etkileşimleri ve Miktar Tayinleri, Scientific Research Project Supported by Higher Education Institutions, Araştırmacı:CEM ERKMEN, Yürütücü:BENĞİ USLU, Araştırmacı:Didem Nur Ünal, Araştırmacı:İpek Küçük, , 04/05/2023 (In Progress) (NATIONAL)

Awards

1. The Best Oral Presentation Award, 4th International Conference on Analytical Chemistry (RO-ICAC'2018), ROMANIA, 2018

Works

Articles published in international refereed journals:

1. Ortak Ayşenur, ERKMEN CEM, BOZAL PALABIYIK BURÇİN, USLU BENĞİ (2024). Development of electrochemical and stability-indicating chromatographic methods for the determination of cefprozil. Journal of the Iranian Chemical Society, 21, 263-273., Doi: 10.1007/s13738-023-02923-6 (Publication No: 8914680)
2. ERKMEN CEM, Kabir Md. Zahirul (2024). Current analytical methods and applications used in the insight of serum proteins interactions with various food additives, pesticides, and contaminants. Exploration of Foods and Foodomics, 2, 195-222., Doi: 10.37349/eff.2024.00034 (Publication No: 8994436)
3. ERKMEN CEM, ÇELİK İSMAİL (2024). Interaction mechanism of a pesticide, Azoxystrobin with bovine serum albumin: Assessments through fluorescence, UV-Vis absorption, electrochemical and molecular docking simulation techniques. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 308, 123719, Doi: 10.1016/j.saa.2023.123719 (Publication No: 8914678)
4. ŞANKO VİLDAN, ERKMEN CEM, KURALAY FİLİZ (2024). The Role of Nanoparticles in Non-invasive Electrochemical Immunosensor Technology and Recent Developments. Electroanalysis, Doi: 10.1002/elan.202400004 (Publication No: 8930580)
5. Duman Bahadır, ERKMEN CEM, Kabir Md. Zahirul, Yi Lim Ching, Mohamad Saharuddin B., USLU BENĞİ (2023). In vitro interactions of two pesticides, propazine and quinoxifen with bovine serum albumin: Spectrofluorometric and molecular docking investigations. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 300, 122907, Doi: 10.1016/j.saa.2023.122907 (Publication No: 8353176)
6. Barut Boğaç Buğra, ERKMEN CEM, İPEK SEDA, YILDIRIM SERCAN, ÜSTÜNDAĞ AYLİN, USLU BENĞİ (2023). Analytical studies on some pesticides with antifungal effects: Simultaneous determination by HPLC, investigation of interactions with DNA and DNA damages. Journal of Chromatography B, 1229, 123862, Doi: 10.1016/j.jchromb.2023.123862 (Publication No: 8638981)
7. Kabir Md. Zahirul, Tayyab Hafsa, ERKMEN CEM, Mohamad Saharuddin B., USLU BENĞİ (2023). Spectroscopic, voltammetric and computational approaches shed light on the combination characteristics of an anticancer agent, bexarotene with human serum albumin. Journal of Photochemistry and Photobiology A: Chemistry, 443, 114881, Doi: 10.1016/j.jphotochem.2023.114881 (Publication No: 8353182)
8. Kabir Md. Zahirul, ERKMEN CEM, KURBANOĞLU SEVİNÇ, AYDOĞDU TIĞ GÖZDE, USLU BENĞİ (2023). Decoration of Bi2O3NPs-AgNPs-ErGO as a first electrochemical nanosensor for sensitive determination of nelarabine in pharmaceutical dosage form and human serum samples. Journal of Electroanalytical Chemistry, 944, 117651, Doi: 10.1016/j.jelechem.2023.117651 (Publication No: 8353182)

Articles published in international refereed journals:

8638968)

9. ERKMEN CEM, AYDOĞDU TIĞ GÖZDE, USLU BENGİ (2023). Evaluation of aptamer and molecularly imprinted polymers as a first hybrid sensor for leptin detection at femtogram levels. *Talanta*, 124809, Doi: 10.1016/j.talanta.2023.124809 (Publication No: 8366294)
10. Kabir Md. Zahirul, Tayyab Hafsa, ERKMEN CEM, KURBANOĞLU SEVİNÇ, Mohamad Saharuddin B., USLU BENGİ (2023). Characterization of Climbazole-Bovine serum albumin interaction by experimental and in silico approaches. *SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY*, 288, 122197, Doi: 10.1016/j.saa.2022.122197 (Publication No: 8332726)
11. ERKMEN CEM, BOZAL PALABIYIK BURÇİN, Tayyab Hafsa, Kabir Md. Zahirul, Mohamad Saharuddin B., USLU BENGİ (2023). Exploring molecular interaction of cefpirome with human serum albumin: In vitro and in silico approaches. *JOURNAL OF MOLECULAR STRUCTURE*, 1275, 134723, Doi: 10.1016/j.molstruc.2022.134723 (Publication No: 8332729)
12. Nimal Rafia, Ünal Didem Nur, ERKMEN CEM, KURBANOĞLU SEVİNÇ, Siddiq Muhammad, EREN GÖKÇEN, Shah Afzal, USLU BENGİ (2023). Elucidating the interaction of antidepressant drug paroxetine with ct-dsDNA: A comparative study by electrochemical, spectroscopic, and molecular docking approaches. *Bioelectrochemistry*, 149, 108285, Doi: 10.1016/j.bioelechem.2022.108285 (Publication No: 8332724)
13. Kabir Md. Zahirul, Tayyab Hafsa, ERKMEN CEM, Mohamad Saharuddin B., USLU BENGİ (2023). Comprehensive views toward the biomolecular recognition of an anticancer drug, leflunomide with human serum albumin. *Journal of Biomolecular Structure and Dynamics*, Doi: 10.1080/07391102.2023.2239931 (Publication No: 8638988)
14. Sapmaz Hilal, ERKMEN CEM, Kabir Md. Zahirul, Tayyab Hafsa, Mohamad Saharuddin B., USLU BENGİ (2023). Spectrofluorometric and computational approaches for the interaction studies of acetonifene and bifenox with human serum albumin. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 284, 121772, Doi: 10.1016/j.saa.2022.121772 (Publication No: 8332721)
15. DEMİR ERSİN, SİLAH HÜLYA, ERKMEN CEM, USLU BENGİ (2023). Electrochemical Sensor Design Based on Silver Nanoparticles Modified Multiwalled Carbon Nanotubes Paste Electrode for the Sensitive Determination of Mepivacaine. *Combinatorial Chemistry & High Throughput Screening*, 26(15), 2644-2655., Doi: 10.2174/1386207326666221124103102 (Publication No: 8333083)
16. Rahman Sultana, BOZAL PALABIYIK BURÇİN, Ünal Didem Nur, ERKMEN CEM, Siddiq Muhammad, Shah Afzal, USLU BENGİ (2022). Molecularly imprinted polymers (MIPs) combined with nanomaterials as electrochemical sensing applications for environmental pollutants. *TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY*, 36, Doi: 10.1016/j.teac.2022.e00176 (Publication No: 8332713)
17. ERKMEN CEM, SELÇUK ÖZGE, Ünal Didem Nur, KURBANOĞLU SEVİNÇ, USLU BENGİ (2022). Layer-by-layer modification strategies for electrochemical detection of biomarkers. *Biosensors and Bioelectronics: X*, 12, 100270, Doi: 10.1016/j.biosx.2022.100270 (Publication No: 8332741)
18. ERKMEN CEM, AYDOĞDU TIĞ GÖZDE, USLU BENGİ (2022). Nanomaterial-based sandwich-type electrochemical aptasensor platform for sensitive voltammetric determination of leptin. *MICROCHIMICA ACTA*, 189, 396, Doi: 10.1007/s00604-022-05487-z (Publication No: 8332545)
19. ERKMEN CEM, AYDOĞDU TIĞ GÖZDE, Marrazza Giovanna, USLU BENGİ (2022). Design strategies, current applications and future perspective of aptasensors for neurological disease biomarkers. *TRAC-TRENDS IN ANALYTICAL CHEMISTRY*, 154, 116675, Doi: 10.1016/j.trac.2022.116675 (Publication No: 8332542)
20. Nimal Rafia, Ünal Didem Nur, ERKMEN CEM, BOZAL PALABIYIK BURÇİN, Siddiq Muhammad, EREN GÖKÇEN, Shah Afzal, USLU BENGİ (2022). Development of the electrochemical, spectroscopic and molecular docking approaches toward the investigation of interaction between DNA and anti-leukemic drug azacytidine. *BIOELECTROCHEMISTRY*, 146, 108135, Doi: 10.1016/j.bioelechem.2022.108135 (Publication No: 8332707)
21. ERKMEN CEM, AYDOĞDU TIĞ GÖZDE, USLU BENGİ (2022). First label-free impedimetric aptasensor based on Au NPs/TiO₂ NPs for the determination of leptin. *SENSORS AND ACTUATORS B-CHEMICAL*, 358, 131420, Doi: 10.1016/j.snb.2022.131420 (Publication No: 8332525)
22. ERKMEN CEM, Ünal Didem Nur, KURBANOĞLU SEVİNÇ, EREN GÖKÇEN, USLU BENGİ (2022). Evaluation of the Interaction of Cinacalcet with Calf Thymus dsDNA: Use of Electrochemical, Spectrofluorimetric, and Molecular Docking Methods. *BIOSENSORS-BASEL*, 12(5), 278, Doi: 10.3390/bios12050278 (Publication No: 8332708)
23. Ünal Didem Nur, ERKMEN CEM, SELÇUK ÖZGE, KURBANOĞLU SEVİNÇ, EREN GÖKÇEN, USLU BENGİ (2022). Phosphodiesterase-3 Enzyme Inhibitor Drug Milrinone Interaction with DNA and HSA: Electrochemical, Spectroscopic and Molecular Docking. *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 169(2), 27521, Doi: 10.1149/1945-7111/ac55cb (Publication No: 8332704)

Articles published in international refereed journals:

24. YILDIRIM SERCAN, ERKMEN CEM, USLU BENGİ (2022). Novel Trends in Analytical Methods for beta-Blockers: An Overview of Applications in the Last Decade. *CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY*, 52(1), 131-169., Doi: 10.1080/10408347.2020.1791043 (Publication No: 8332667)
25. SELÇUK ÖZGE, Demir Yeliz, ERKMEN CEM, YILDIRIM SERCAN, USLU BENGİ (2022). Analytical Methods for Determination of Antiviral Drugs in Different Matrices: Recent Advances and Trends. *CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY*, 52(7), 1662-1693., Doi: 10.1080/10408347.2021.1908111 (Publication No: 8332652)
26. Yener Beytül, ERKMEN CEM, USLU BENGİ, GÜNDEN GÖĞER NİLGÜN (2022). Simultaneous determination of paracetamol, dextromethorphan, chlorpheniramine, pseudoephedrine and major impurities of paracetamol and pseudoephedrine by using capillary electrophoresis. *BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES*, 58, Doi: 10.1590/s2175-97902022e19836 (Publication No: 8332709)
27. KAYA SARIYE İREM, YILDIRIM SERCAN, Çetinkaya Ahmet, ERKMEN CEM, USLU BENGİ, ÖZKAN SİBEL AYŞIL (2021). Nanomaterial-based electroanalytical sensors for the selected prohibited anabolic agents, hormones and metabolic modulators and their sensitive assays. *TRAC-TRENDS IN ANALYTICAL CHEMISTRY*, 145, 116457, Doi: 10.1016/j.trac.2021.116457 (Publication No: 8332664)
28. Kanbeş-Dindar Çiğdem, ERKMEN CEM, USLU BENGİ (2021). Electroanalytical methods based on bimetallic nanomaterials for determination of pesticides: Past, present, and future. *TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY*, 32, Doi: 10.1016/j.teac.2021.e00145 (Publication No: 8332661)
29. ERKMEN CEM, Demir Yeliz, KURBANOĞLU SEVİNÇ, USLU BENGİ (2021). Multi-Purpose electrochemical tyrosinase nanobiosensor based on poly (3,4 ethylenedioxythiophene) nanoparticles decorated graphene quantum dots: Applications to hormone drugs analyses and inhibition studies. *SENSORS AND ACTUATORS B-CHEMICAL*, 343, 130164, Doi: 10.1016/j.snb.2021.130164 (Publication No: 8332656)
30. SİLAH HÜLYA, ERKMEN CEM, DEMİR ERSİN, USLU BENGİ (2021). Modified indium tin oxide electrodes: Electrochemical applications in pharmaceutical, biological, environmental and food analysis. *TRAC-TRENDS IN ANALYTICAL CHEMISTRY*, 141, 116289, Doi: 10.1016/j.trac.2021.116289 (Publication No: 8332659)
31. Kanbeş-Dindar Çiğdem, ERKMEN CEM, YILDIRIM SERCAN, BOZAL PALABIYIK BURÇİN, USLU BENGİ (2021). Interaction of citalopram and escitalopram with calf Thymus DNA: A spectrofluorometric, voltammetric, and liquid chromatographic approach. *JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS*, 195, 113891, Doi: 10.1016/j.jpba.2021.113891 (Publication No: 8332625)
32. Gebrehiwot Weldejeworgis Hndeya, ERKMEN CEM, USLU BENGİ (2021). A novel HPLC-DAD method with dilute-and-shoot sample preparation technique for the determination of buprofezin, dinobuton and chlorothalonil in food, environmental and biological samples. *INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY*, 101(14), 2339-2353., Doi: 10.1080/03067319.2019.1702169 (Publication No: 8332578)
33. SELÇUK ÖZGE, ERKMEN CEM, BOZAL PALABIYIK BURÇİN, USLU BENGİ (2021). Electroanalytical Investigation and Simultaneous Determination of Etodolac and Thiocolchicoside at a Non-Modified Glassy Carbon Electrode in Anionic Surfactant Media. *ELECTROANALYSIS*, 33(5), 1290-1298., Doi: 10.1002/elan.202060623 (Publication No: 8332638)
34. ERKMEN CEM, Gebrehiwot Weldejeworgis Hndeya, USLU BENGİ (2021). Hydrophilic Interaction Liquid Chromatography (HILIC): Latest Applications in the Pharmaceutical Researches. *CURRENT PHARMACEUTICAL ANALYSIS*, 17(3), 316-345., Doi: 10.2174/1573412916666200402101501 (Publication No: 8332609)
35. BOZAL PALABIYIK BURÇİN, ERKMEN CEM, KURBANOĞLU SEVİNÇ, ÖZKAN SİBEL AYŞIL, USLU BENGİ (2021). Electrochemical Analysis for Pharmaceuticals by the Advantages of Metal Oxide Nanomaterials. *CURRENT ANALYTICAL CHEMISTRY*, 17(9), 1322-1339., Doi: 10.2174/1573411016999200729113252 (Publication No: 8332615)
36. ERKMEN CEM, KURBANOĞLU SEVİNÇ, USLU BENGİ (2020). Fabrication of poly(3,4-ethylenedioxythiophene)-iridium oxide nanocomposite based Tyrosinase biosensor for the dual detection of catechol and azinphos methyl. *SENSORS AND ACTUATORS B-CHEMICAL*, 316, 128121, Doi: 10.1016/j.snb.2020.128121 (Publication No: 8332595)
37. KURBANOĞLU SEVİNÇ, ERKMEN CEM, USLU BENGİ (2020). Frontiers in electrochemical enzyme based biosensors for food and drug analysis. *TRAC-TRENDS IN ANALYTICAL CHEMISTRY*, 124, 115809, Doi: 10.1016/j.trac.2020.115809 (Publication No: 8332592)
38. BOZAL PALABIYIK BURÇİN, ERKMEN CEM, USLU BENGİ (2020). Molecularly Imprinted Electrochemical Sensors: Analytical and Pharmaceutical Applications Based on Orthophenylenediamine Polymerization. *CURRENT PHARMACEUTICAL ANALYSIS*, 16(4), 350-366., Doi: 10.2174/1573412915666190304150159 (Publication No: 8332572)
39. Kanbeş-Dindar Çiğdem, ERKMEN CEM, USLU BENGİ, GÜNDEN GÖĞER NİLGÜN (2020). The Development of Spectrophotometric and Validated Stability-Indicating RP-HPLC Methods for Simultaneous Determination of Ephedrine HCL, Naphazoline HCL, Antazoline HCL, and Chlorobutanol in Pharmaceutical Pomade Form. *COMBINATORIAL CHEMISTRY & HIGH*

Articles published in international refereed journals:

- THROUGHPUT SCREENING, 23(10), 1090-1099., Doi: 10.2174/1386207323666200720101835 (Publication No: 8332604)
40. YALÇIN ERGİN, ERKMEN CEM, TAŞKIN TOK TUĞBA, ÇAĞLAYAN MEHMET GÖKHAN (2020). Fluorescence chemosensing of meldonium using a cross-reactive sensor array. ANALYST, 145, 3345-3352., Doi: 10.1039/d0an00209g (Publication No: 8332599)
 41. Barut Boğaç Buğra, ERKMEN CEM, Gümüştaş Ayşen, GÜMÜŞTAŞ MEHMET, ÖZKAN SİBEL AYŞIL, USLU BENGİ (2020). In the context of superficially porous silica particles: simultaneous determination of dutasteride and tamsulosin from biological samples. JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, 17, 1457-1465., Doi: 10.1007/s13738-020-01871-9 (Publication No: 8332585)
 42. ERKMEN CEM, Zengin Kurnalı Selda, USLU BENGİ (2019). DEVELOPMENT OF REVERSE PHASE LIQUID CHROMATOGRAPHIC METHOD BY USING CORE SHELL PARTICLES COLUMN FOR DETERMINATION OF MONTELUKAST AND LEVOCETIRIZINE FROM PHARMACEUTICAL CAPSULE DOSAGE FORMS. REVUE ROUMAINE DE CHIMIE, 64(10), 859-866., Doi: 10.33224/rrch.2019.64.10.04 (Publication No: 8332562)
 43. Çakır Koray, ERKMEN CEM, USLU BENGİ, GÜNDEN GÖĞER NİLGÜN (2019). QUANTITATIVE DETERMINATION OF PARACETAMOL, CAFFEINE AND CODEINE PHOSPHATE IN PHARMACEUTICAL DOSAGE FORMS BY USING CAPILLARY ELECTROPHORESIS METHOD. REVUE ROUMAINE DE CHIMIE, 64(9), 801-808., Doi: 10.33224/rrch.2019.64.9.07 (Publication No: 8332555)
 44. ERKMEN CEM, GÜMÜŞTAŞ MEHMET, ÖZKAN SİBEL AYŞIL, USLU BENGİ (2019). Step-by-step optimization of the HILIC method for simultaneous determination of abacavir, lamivudine, and zidovudine from dosage form. TURKISH JOURNAL OF CHEMISTRY, 43(6), 1597-1607., Doi: 10.3906/kim-1906-18 (Publication No: 8332521)

B. Papers presented at international scientific meetings and published in proceedings :

1. ERKMEN CEM, GÜMÜŞTAŞ MEHMET, ÖZKAN SİBEL AYŞIL, USLU BENGİ (2016). The role of HILIC separation for the simultaneous determination of some antivirals. 27th International Symposium on Pharmaceutical and Biomedical Analysis, 15 (Abstract/Poster) (Publication No: 8333197)
2. ERKMEN CEM, GÜMÜŞTAŞ MEHMET, ÖZKAN SİBEL AYŞIL, USLU BENGİ (2018). Stability-indicating HILIC method for the determination of some antivirals from their pharmaceutical dosage forms. 12th International Symposium on Pharmaceutical Sciences, (ISOPS12) (Abstract/Poster) (Publication No: 8333206)
3. ERKMEN CEM, USLU BENGİ (2018). Liquid Chromatographic Analysis of Montelukast and Levocetirizine by Using Core-Shell Particles Columns. 4th International Conference on Analytical Chemistry (RO-ICAC'2018) (Abstract/Oral Presentation) (Publication No: 8333402)
4. ÇAĞLAYAN MEHMET GÖKHAN, ERKMEN CEM, YALÇIN ERGİN (2019). Optical Chemosensors for Prohibited Substances in Sport. 9-th Annual Symposium on Physical and Analytical Chemistry at Tbilisi State University (Abstract/Oral Presentation) (Publication No: 8333407)
5. Gebrehiwot Weldejeworgis Hndeya, ERKMEN CEM, USLU BENGİ (2019). Optimization and Validation of HPLC Method for Some Pesticides from Human Urine and Commercial Dosage Form. International Multidisciplinary Symposium on Drug Research & Development (DRD 2019), 444(445) (Abstract/Poster) (Publication No: 8333237)
6. ERKMEN CEM, YALÇIN ERGİN, ÇAĞLAYAN MEHMET GÖKHAN (2019). Design of Cross Reactive Sensor Array for Meldonium. 4th International Congress on Biosensors (Abstract/Poster) (Publication No: 8333238)
7. ÇAĞLAYAN MEHMET GÖKHAN, ERKMEN CEM, YALÇIN ERGİN (2019). Fluorescence chemosensing of meldonium on paper microzone plates. XX. Euroanalysis (Abstract/Poster) (Publication No: 8333241)
8. ERKMEN CEM, Gebrehiwot Weldejeworgis Hndeya, USLU BENGİ (2019). Development of RP-HPLC method for chlorothalonil, dinobuton and buprofezin from environmental samples. XX. Euroanalysis (Abstract/Poster) (Publication No: 8333245)
9. Gebrehiwot Weldejeworgis Hndeya, ERKMEN CEM, USLU BENGİ (2019). Application of Extraction Technique for Determination of Some Pesticides by HPLC Method. First International Congress of Forensic Sciences "Multidisciplinary Cooperation in Forensic Sciences: Current Approaches (Abstract/Poster) (Publication No: 8333249)
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2. Contemporary Issues on Pharmaceutical Researches (SCI-Expanded), Journal, Konuk Editör, Bentham Science Publishers, 31.12.2020