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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: L-1395-2014

ScopusID: 36542059000

Yoksis Araştırmacı ID: 19402

Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Türkiye 2009 - 2014

Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Türkiye 2007 - 2009

Lisans, Orta Doğu Teknik Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Türkiye 2000 - 2005

Yabancı Diller

İngilizce, C1 İleri

İspanyolca, A2 Temel

Yaptığı Tezler

Doktora, Aminoglikozidlerin altın ve gümüş nanoparçacıklar kullanılarak spektroskopik tayinleri, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 2014

Yüksek Lisans, Estradiol valerat ve dienogest'in farmasötik preparatlarda aynı anda miktar tayinleri, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 2009

Araştırma Alanları

Analitik Kimya

Akademik Unvanlar / Görevler

Doç.Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2018 - Devam Ediyor

Araştırma Görevlisi, Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2008 - 2018

Verdiği Dersler

İleri Kromatografik Teknikler, Doktora, 2022 - 2023

Analytical Chemistry 2, Lisans, 2018 - 2019
Computer usage and calculations in analytical chemistry, Lisans, 2018 - 2019
Analytical Chemistry 2 Practice, Lisans, 2018 - 2019
Analitik Kimyada Hesaplamalar ve Bilgisayar Kullanımı, Lisans, 2018 - 2019
ARAŞTIRMA YÖNTEMLERİ, Yüksek Lisans, 2018 - 2019
Analitik Kimya 2 Uygulama, Lisans, 2018 - 2019
RADYOKİMYASAL ANALİZ, Doktora, 2018 - 2019
Analitik Kimya 2, Lisans, 2018 - 2019
Adli Kimya, Yüksek Lisans, 2017 - 2018
LABORATORY SAFETY, Lisans, 2017 - 2018, 2016 - 2017
Laboratuvar Güvenliği, Lisans, 2017 - 2018

Yönetilen Tezler

ÇAĞLAYAN M. G., İdrarda etil morfin tayini için terbiyum kompleksine dayalı florimetrik yöntem geliştirilmesi, Yüksek Lisans, B.MAHAMANE(Öğrenci), 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Fabrication of molecularly imprinted electrochemical sensors for sensitive codeine detection**
Yence M., Cetinkaya A., Çorman M. E., UZUN L., ÇAĞLAYAN M. G., ÖZKAN S. A.
MICROCHEMICAL JOURNAL, cilt.193, 2023 (SCI-Expanded)
- II. **Boron-Doped Carbon Nanodots as a Theranostic Agent for Colon Cancer Stem Cells**
Ozkasapoglu S., ÇAĞLAYAN M. G., AKKURT F., Ensarioglu H. K., VATANSEVER H. S., ÇELİKKAN H.
ACS OMEGA, cilt.8, sa.33, ss.30285-30293, 2023 (SCI-Expanded)
- III. **Human hair rich in pyridinic nitrogen-base DNA biosensor for direct electrochemical monitoring of palbociclib-DNA interaction**
Bilge S., Dogan Topal B., Caglayan M. G., Unal M. A., Nazır H., Atici E. B., Sınağ A., Ozkan S. A.
BIOELECTROCHEMISTRY, cilt.148, 2022 (SCI-Expanded)
- IV. **Recent biopharmaceutical applications of capillary electrophoresis methods on recombinant DNA technology-based products**
Kaya S. I., Cetinkaya A., ÇAĞLAYAN M. G., ÖZKAN S. A.
ELECTROPHORESIS, cilt.43, sa.9-10, ss.1035-1049, 2022 (SCI-Expanded)
- V. **Replacement of antibodies with bacteriophages in lateral flow assay of Salmonella Enteritidis**
İLHAN H., Tayyarcan E. K., ÇAĞLAYAN M. G., BOYACI İ. H., SAĞLAM N., TAMER U.
BIOSENSORS & BIOELECTRONICS, cilt.189, 2021 (SCI-Expanded)
- VI. **Electrochemical, spectroscopic, and molecular docking studies of the interaction between the anti-retroviral drug indinavir and dsDNA**
Mollarasouli F., DOĞAN TOPAL B., ÇAĞLAYAN M. G., TAŞKIN TOK T., Ozkan S. A.
Journal of Pharmaceutical Analysis, cilt.10, sa.5, ss.473-481, 2020 (SCI-Expanded)
- VII. **Fluorescence detection of ethylmorphine through terbium complex**
Boureima Mahamane I., Kaftanoglu S. I., ÇAĞLAYAN M. G.
SPECTROSCOPY LETTERS, cilt.53, sa.7, ss.523-528, 2020 (SCI-Expanded)
- VIII. **Fluorescence chemosensing of meldonium using a cross-reactive sensor array**
Yalcin E., Erkmen C., TAŞKIN TOK T., ÇAĞLAYAN M. G.
ANALYST, cilt.145, sa.9, ss.3345-3352, 2020 (SCI-Expanded)
- IX. **Electrochemical, spectroscopic and molecular docking studies on the interaction of calcium channel blockers with dsDNA**
Shahzad S., DOĞAN TOPAL B., KARADURMUŞ L., ÇAĞLAYAN M. G., TAŞKIN TOK T., USLU B., Shah A., Ozkan S. A.

Bioelectrochemistry, cilt.127, ss.12-20, 2019 (SCI-Expanded)

- X. **Simultaneous determination and validation of emtricitabine, rilpivirine and tenofovir from biological samples using LC and CE methods**
GÜMÜŞTAŞ M., ÇAĞLAYAN M. G., Onur F., ÖZKAN S. A.
BIOMEDICAL CHROMATOGRAPHY, cilt.32, sa.4, 2018 (SCI-Expanded)
- XI. **Paper based lateral flow immunoassay for the enumeration of Escherichia coli in urine**
Gumustas A., ÇAĞLAYAN M. G., ERYILMAZ M., Suludere Z., ACAR SOYKUT E., USLU B., BOYACI İ. H., TAMER U.
ANALYTICAL METHODS, cilt.10, sa.10, ss.1213-1218, 2018 (SCI-Expanded)
- XII. **Fabrication of SERS active gold nanorods using benzalkonium chloride, and their application to an immunoassay for potato virus X**
ÇAĞLAYAN M. G., Kasap E., ÇETİN D., Suludere Z., TAMER U.
MICROCHIMICA ACTA, cilt.184, sa.4, ss.1059-1067, 2017 (SCI-Expanded)
- XIII. **Fluorescence-Based Assay for Carbonic Anhydrase Inhibitors**
Koutnik P., Shcherbakova E. G., Gozem S., ÇAĞLAYAN M. G., Minami T., Anzenbacher P.
CHEM, cilt.2, sa.2, ss.271-282, 2017 (SCI-Expanded)
- XIV. **The Effects of 1,3,5-trisubstituted Indole Derivatives on Cell Growth, Apoptosis and MMP-2/9 mRNA Expression of MCF-7 Human Breast Cancer Cells**
BAKAR ATEŞ F., KILIÇ KURT Z., ÇAĞLAYAN M. G., ÖLGEN S.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.17, sa.5, ss.762-767, 2017 (SCI-Expanded)
- XV. **Surface-enhanced Raman probe for rapid nanoextraction and detection of erythropoietin in urine**
Selbes Y. S., ÇAĞLAYAN M. G., ERYILMAZ M., BOYACI İ. H., SAĞLAM N., BAŞARAN A. A., TAMER U.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, cilt.408, sa.29, ss.8447-8456, 2016 (SCI-Expanded)
- XVI. **A tri-serine tri-lactone scaffold for the quantification of citrate in urine**
Akdeniz A., ÇAĞLAYAN M. G., Anzenbacher P.
CHEMICAL COMMUNICATIONS, cilt.52, sa.9, ss.1827-1830, 2016 (SCI-Expanded)
- XVII. **Detection and quantification of ATP in human blood serum**
Akdeniz A., ÇAĞLAYAN M. G., Polivina I., Anzenbacher P.
ORGANIC & BIOMOLECULAR CHEMISTRY, cilt.14, sa.31, ss.7459-7462, 2016 (SCI-Expanded)
- XVIII. **Fluorescent zinc and copper complexes for detection of adrafinil in paper-based microfluidic devices**
ÇAĞLAYAN M. G., Sheykhi S., Mosca L., Anzenbacher P.
CHEMICAL COMMUNICATIONS, cilt.52, sa.53, ss.8279-8282, 2016 (SCI-Expanded)
- XIX. **SERS-based assays for sensitive detection of modafinil**
ÇAĞLAYAN M. G., TORUL H., Onur F., TAMER U.
JOURNAL OF RAMAN SPECTROSCOPY, cilt.46, sa.9, ss.802-806, 2015 (SCI-Expanded)
- XX. **Gold Nanoparticle-Lignan Complexes Inhibited MCF-7 Cell Proliferation in vitro: A Novel Conjugation for Cancer Therapy**
BAKAR ATEŞ F., ÇAĞLAYAN M. G., Onur F., Nebioglu S., PALABIYIK İ. M.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.15, sa.3, ss.336-344, 2015 (SCI-Expanded)
- XXI. **A metal-enhanced fluorescence study of primary amines: determination of aminoglycosides with europium and gold nanoparticles**
ÇAĞLAYAN M. G., Onur F.
ANALYTICAL METHODS, cilt.7, sa.4, ss.1407-1414, 2015 (SCI-Expanded)
- XXII. **Silver Nanoparticle Based Analysis of Aminoglycosides**
ÇAĞLAYAN M. G., Onur F.
SPECTROSCOPY LETTERS, cilt.47, sa.10, ss.771-780, 2014 (SCI-Expanded)
- XXIII. **Colchicine levels in chronic kidney diseases and kidney transplant recipients using tacrolimus**
Amanova A., Celebi Z. K., BAKAR ATEŞ F., ÇAĞLAYAN M. G., KEVEN K.
CLINICAL TRANSPLANTATION, cilt.28, sa.10, ss.1177-1183, 2014 (SCI-Expanded)
- XXIV. **First derivative spectrophotometric determination of cefixime and cefdinir in pharmaceutical preparations Sefdinir ve sefiksim'in farmasötik preparatlarda birinci tiirev spektrofotometrik tayini**

- Baş E., Özdem S., ÇAĞLAYAN M. G., PALABİYİK İ. M., Onur F.
Turkish Journal of Pharmaceutical Sciences, cilt.10, sa.3, ss.321-328, 2013 (SCI-Expanded)
- XXV. **Multivariate Optimization Model in a Partial Least Squares-1 Method for Simultaneous Determination of Dorzolamide Hydrochloride and Timolol Maleate in Eye Drops**
PALABİYİK İ. M., Goker E., ÇAĞLAYAN M. G., Onur F.
CURRENT PHARMACEUTICAL ANALYSIS, cilt.9, sa.4, ss.404-412, 2013 (SCI-Expanded)
- XXVI. **Multivariate Optimization of Separation Conditions for Simultaneous Determination of Acemetacin and Chlorzoxazone in a Pharmaceutical Preparation by HPLC Using Response Surface Methodology**
Aybaba C., PALABİYİK İ. M., ÇAĞLAYAN M. G., Onur F.
JOURNAL OF AOAC INTERNATIONAL, cilt.96, sa.4, ss.723-729, 2013 (SCI-Expanded)
- XXVII. **STABILITY-INDICATING MICELLAR ELEKTROKINETIC CHROMATOGRAPHY METHOD FOR DETERMINATION OF FINASTERIDE IN PHARMACEUTICAL PREPARATIONS**
ÇAĞLAYAN M. G., PALABİYİK İ. M., Onur F.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, cilt.36, sa.6, ss.781-791, 2013 (SCI-Expanded)
- XXVIII. **Using derivative and ratio spectra derivative: spectrophotometries as new data preprocessing method in partial least squares technique for resolving overlapped spectra of montelukast sodium, desloratadine, and levocetirizine dihydrochloride**
PALABİYİK İ. M., ÇAĞLAYAN M. G., Onur F.
REVIEWS IN ANALYTICAL CHEMISTRY, cilt.31, sa.2, ss.107-112, 2012 (SCI-Expanded)
- XXIX. **Spectrophotometric methods for determination of quetiapine hemifumarate in pharmaceutical preparations using bromcresol purple and bromcresol green Ketipin hemifumarat'ın bromkrezol moru ve bromkrezol yeşili kullanılarak farmasotik preparatlarda tayini için spektrofotometrik yöntemler**
Aybaba Ç., ÇAĞLAYAN M. G., PALABİYİK İ. M., Onur F.
Turkish Journal of Pharmaceutical Sciences, cilt.9, sa.3, ss.301-310, 2012 (SCI-Expanded)
- XXX. **Optimisation and validation of liquid chromatographic and partial least-squares-1 methods for simultaneous determination of enalapril maleate and nitrendipine in pharmaceutical preparations**
ÇAĞLAYAN M. G., PALABİYİK İ. M., Bor M., Onur F.
CHEMICAL PAPERS, cilt.65, sa.6, ss.754-760, 2011 (SCI-Expanded)
- XXXI. **Multivariate Optimization and Validation of a CE method for Simultaneous Analysis of Dorzolamide Hydrochloride and Timolol Maleate in Ophthalmic Solution**
PALABİYİK İ. M., ÇAĞLAYAN M. G., Onur F.
CHROMATOGRAPHIA, cilt.73, sa.5-6, ss.541-548, 2011 (SCI-Expanded)
- XXXII. **Liquid Chromatographic and Spectrophotometric Determination of Diflucortolone Valerate and Isoconazole Nitrate in Creams**
Karacan E., ÇAĞLAYAN M. G., PALABİYİK İ. M., Onur F.
JOURNAL OF AOAC INTERNATIONAL, cilt.94, sa.1, ss.128-135, 2011 (SCI-Expanded)
- XXXIII. **Development and Validation of Spectrophotometric and High-Performance Column Liquid Chromatographic Methods for the Simultaneous Determination of Dienogest and Estradiol Valerate in Pharmaceutical Preparations**
ÇAĞLAYAN M. G., PALABİYİK İ. M., Onur F.
JOURNAL OF AOAC INTERNATIONAL, cilt.93, sa.3, ss.862-868, 2010 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Optical sensing of mercury using fluorescent silver and gold nanoclusters**
ÇAĞLAYAN M. G.
Hittite Journal of Science and Engineering, cilt.4, sa.2, ss.117-123, 2017 (Hakemli Dergi)
- II. **First derivative spectrophotometric determination of cefixime and cefdinir in pharmaceutical**

preparations

BAS E., OZDEMIR S., ÇAĞLAYAN M. G., PALABIYIK İ. M., ONUR F.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.10, sa.3, ss.321-328, 2013 (Scopus)

III. Spectrophotometric methods for determination of quetiapine hemifumarate in pharmaceutical preparations using bromcresol purple and bromcresol green

AYBABA Ç., ÇAĞLAYAN M. G., PALABIYIK İ. M., ONUR F.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.9, sa.3, ss.301-310, 2012 (Scopus)

IV. Spectrophotometric and liquid chromatographic determination of acetaminophen in pharmaceutical formulations

HAKAN O., PALABIYIK İ. M., ÇAĞLAYAN M. G., ONUR F.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.6, sa.3, ss.163-176, 2009 (Scopus)

Kitap & Kitap Bölümleri

I. Optical Sensor Arrays for Pharmaceutical and Biomedical Analyses

ANZENBACHER P., ÇAĞLAYAN M. G.

Novel Developments in Pharmaceutical and Biomedical Analysis, Atta-ur-Rahman, Sibel A. Ozkan, Rida Ahmed, Editör, Bentham Science, ss.354-381, 2018

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Bacteriophage Based Lateral Flow Immunoassay System For Detection Of Salmonella Enteritidis

İLHAN H., ÇAĞLAYAN M. G., Tayyarcı E. K., BOYACI İ. H., TAMER U., SAĞLAM N.

International Conference on Advanced Materials Science & Engineering and High Tech Devices Applications; Exhibition (ICMATSE 2020, 2 - 04 Ekim 2020)

II. Optical chemosensors for prohibited substances in sport

ÇAĞLAYAN M. G., ERKMEN C., YALÇIN E.

9-th Annual Symposium on Physical and Analytical Chemistry at Tbilisi State University, TİFLİS, Gürcistan, 4 - 05 Ocak 2019

III. Mercury sensing by fluorescent nanoclusters

ÇAĞLAYAN M. G.

East West Chemistry Conference 2017, Skopje, Makedonya, 12 - 14 Ekim 2017

IV. The investigation of DNA binding profiles of gold nanoparticle bound lignan species called secoisolariciresinol using spectrophotometry and spectrofluorimetry

PALABIYIK İ. M., ÇAĞLAYAN M. G., ÖZMEN N.

2nd International Gazi Symposium Series, Ankara, Türkiye, 11 - 13 Ekim 2017

V. Fabrication of SERS active gold nanorods using benzalkonium chloride

ÇAĞLAYAN M. G., KASAP E. N., ÇETİN D., SULUDERE Z., TAMER U.

2017 PITTCO Conference and Expo, Chicago, Amerika Birleşik Devletleri, 5 - 09 Mart 2017

VI. The enumeration of E.coli and Beta-Hemolytic Streptococcus by Paper-Based Membrane

TAMER U., Gümüştaş A., ÇETİN D., Acar E., ÇAĞLAYAN M. G., BOYACI İ. H., ERYILMAZ M., SULUDERE Z.

Pittcon 2017 Conference Expo, Chicago, USA, 5 - 09 Mart 2017

VII. The Investigation of DNA Binding Profiles of Gold Nanoparticle Bound Lignan Species Called Lariciresinol Using Spectrophotometry and Spectrofluorimetry

PALABIYIK İ. M., ÖZMEN N., ÇAĞLAYAN M. G., ONUR F.

3rd International Congress on Biosensors, 5 - 07 Ekim 2016

VIII. Surface Enhanced Raman Scattering Based Immunoassay Versus Western Blotting

TAMER U., SELBES Y. S., ÇAĞLAYAN M. G., ERYILMAZ M., SAĞLAM N., BOYACI İ. H.

International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016

- IX. **Paper Based Fluorescence Sensing of a Prohibited Substance in Sports**
ÇAĞLAYAN M. G., SHEYKHI S., MOSCA L., ANZENBACHER JR P.
International Conference: 10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016
- X. **CTAB Free Generation of SERS Active Gold Nanoparticle and Lateral Flow Immunoassay Application**
GÜMÜŞTAŞ A., AHİ E. E., ÇAĞLAYAN M. G., USLU B., ÇETİN D., SULUDERE Z., TAMER U.
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- XI. **Chromatographic investigation and simultaneous determination of some antiviral pharmaceuticals from biological samples**
GÜMÜŞTAŞ M., ÇAĞLAYAN M. G., ÖZKAN S. A.
International multidisciplinary symposium on Drug Research & Development 15 (DRD 2015), 15 - 17 Ekim 2015
- XII. **The Effects Of Newly Synthesized Indole 3 Amine Derivatives On Mmp 2 Activity In Breast Cancer Cells**
BAKAR F., ÇAĞLAYAN M. G., KILIÇ KURT Z., PALABIYIK İ. M., ÖLGEN S.
26th International Symposium on Pharmaceutical and biomedical Analysis (PBA 2015), Tiflis, Gürcistan, 5 - 08 Temmuz 2015, ss.60
- XIII. **Determination of emtricitabine rilpivirine and tenofovir from biological samples with using LC and CE methods**
GÜMÜŞTAŞ M., ÇAĞLAYAN M. G., ONUR F., ÖZKAN S. A.
26-th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), 5 - 08 Temmuz 2015
- XIV. **Simultaneous determination of amlodipine and rosuvastatin in human urine by LC MS MS method**
CAN E., ONUR F., PALABIYIK İ. M., ÇAĞLAYAN M. G., HÜLYA K.
11th International Symposium on Pharmaceutical Sciences, 9 - 12 Haziran 2015
- XV. **Newly synthesized indole 3 imine 2 on derivatives inhibited MMP 9 mRNA expression of human breast cancer cells**
BAKAR F., ÇAĞLAYAN M. G., PALABIYIK İ. M., KILIÇ KURT Z., ÖLGEN S.
11th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 12 Haziran 2015, ss.42-43
- XVI. **Development of a capillary electrophoresis method for the determination of emtricitabine rilpivirine and tenofovir from biological samples**
GÜMÜŞTAŞ M., ÇAĞLAYAN M. G., ONUR F., ÖZKAN S. A.
11th International Symposium on Pharmaceutical Sciences (ISOPS 2015), 9 - 12 Haziran 2015
- XVII. **Effects of newly synthesized indole derivatives on proliferation apoptosis and MMP 2 expression of MCF 7 human breast adenocarcinoma cells**
BAKAR F., PALABIYIK İ. M., ÇAĞLAYAN M. G., ÖLGEN S.
EACR Sponsored 3rd Anticancer Agent Development Congress, 18 - 19 Mayıs 2015
- XVIII. **Synthesis and characterization of lignan B Cd AuNP complexes**
ÇAĞLAYAN M. G., PALABIYIK İ. M., BAKAR F., NEBİOĞLU S., ONUR F.
6th Szeged International Workshop on Advances in Nanoscience (SIWAN6), 15 - 18 Ekim 2014, ss.148
- XIX. **Gold nanoparticle conjugated lignan derivatives inhibited the proliferation of MCF 7 human breast cancer cells**
BAKAR F., ÇAĞLAYAN M. G., ONUR F., NEBİOĞLU S., PALABIYIK İ. M.
23rd Biennial Congress of the European Association for Cancer, 5 - 08 Temmuz 2014, cilt.50, ss.178-179
- XX. **COLCHICINE LEVELS IN CHRONIC KIDNEY DISEASES AND KIDNEY TRANSPLANT RECIPIENTS USING TACROLIMUS**
Amanova A., Celebi Z. K., BAKAR ATEŞ F., ÇAĞLAYAN M. G., KEVEN K.
51st Congress of the European-Renal-Association(ERA)/European-Dialysis-and-Transplant-Association (EDTA), Amsterdam, Hollanda, 31 Mayıs - 03 Haziran 2014, cilt.29, ss.317-318
- XXI. **The Time and concentration dependent inhibition of human breast cancer cell proliferation by lariciresinol and pinoresinol**
BAKAR F., PALABIYIK İ. M., ÇAĞLAYAN M. G.
2nd EACR Sponsored Anticancer Agents Congress, 23 - 25 Nisan 2014, ss.118
- XXII. **Response surface methodology in optimization of hplc analysis of fluoxetine and olanzapine**

KARADEMİR F., ÇAĞLAYAN M. G., PALABIYIK İ. M., ONUR F.

HPLC 2013, Amsterdam, Hollanda, 16 - 20 Eylül 2013

XXIII. Silver nanoparticle sensor for detection of aminoglycosides in milk

ÇAĞLAYAN M. G., ONUR F.

FIP World Congress, Dublin, İrlanda, 30 Ağustos - 05 Eylül 2013

XXIV. Simultaneous spectrophotometric determination of dorzolamide and timolol maleate using multivariate optimization

GÖKER E., PALABIYIK İ. M., ÇAĞLAYAN M. G., ONUR F.

10th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 26 - 29 Haziran 2012

XXV. STABILITY-INDICATING MICELLAR ELEKTROKINETIC CHROMATOGRAPHY METHOD FOR DETERMINATION OF FINASTERIDE IN PHARMACEUTICAL PREPARATIONS

ÇAĞLAYAN M. G., PALABIYIK İ. M., ONUR F.

36th International Symposium on Capillary Chromatography and 9th GCxGC Symposium, RIVA DEL GARDA, İtalya, 27 Mayıs - 01 Haziran 2012

XXVI. Simultaneous spectrophotometric determination of estradiol valerate and dienogest in pharmaceutical preparations by principal component regression

ÇAĞLAYAN M. G., PALABIYIK İ. M., ONUR F.

9th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 23 - 26 Haziran 2009

XXVII. Liquid Chromatographic and Spectrophotometric Determination of Dienogest and Estradiol Valerate in a Pharmaceutical Preparation

ÇAĞLAYAN M. G., PALABIYIK İ. M., ONUR F.

6th Aegean Analytical Chemistry Days, Denizli, Türkiye, 9 - 12 Ekim 2008

Desteklenen Projeler

Çağlayan M. G., Boyacı İ. H., Tamer U., Yıldırım E., Evren Yurtcu E., Martinez Manes R., TÜBİTAK Projesi, Patojen Tespitine Yönelik Bakteriyofaj Kapılı Optik Sensör Dizaynı, 2023 - 2025

Çağlayan M. G., Yılmaz R., Evren Yurtcu E., Akbostancı M. C., Karaçor B., Yükseköğretim Kurumları Destekli Proje, Parkinson Hastalığı Tanısında Bir Kan Tahlili: Serum Nöronal Eksozomlarda Eş Zamanlı Çalkalama ile Tetiklenen Dönüşüm (RT-QulC) Metodu, 2023 - 2025

Çelikkan H., Çağlayan M. G., Yavuz S., Vatansever H. S., Kabadayı H., Özkan H., Yaraş A., BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Bor Katkılı Karbon Nanodot Sentezi, Karakterizasyonu ve Hücre Uygulamaları, 2018 - 2021

Çağlayan M. G., Yalçın E., TÜBİTAK Projesi, Sporda Yasaklı Maddelerden Meldonyum'un Tespiti için Çapraz Reaktif Algılayıcı Sentezi, Algılayıcı Dizilerinin Oluşturulması ve Deney Sonuçlarının Çok Değişkenli Analiz Yöntemleriyle Değerlendirilmesi, 2017 - 2019

ÇAĞLAYAN M. G., Yükseköğretim Kurumları Destekli Proje, Aminoglikozidlerin metalle zenginleştirilmiş floresans yöntemiyle sütle ve farmasötik preparatlarda tayinleri, 2014 - 2015

BAKAR ATEŞ F., ÇAĞLAYAN M. G., PALABIYIK İ. M., TÜBİTAK Projesi, Altın Nanoparçacık Bağlanmış Pinoresinol Lariciresinol ve Secoisolariciresinol Lignan Türlerinin DNA ya Bağlanma Profillerinin ve Anti Kanser Etkilerinin Araştırılması, 2013 - 2015

Bilimsel Hakemlikler

PLASMONICS, SCI Kapsamındaki Dergi, Mayıs 2023

MICROCHEMICAL JOURNAL, SCI Kapsamındaki Dergi, Nisan 2023

CHEMICAL PAPERS, SCI Kapsamındaki Dergi, Aralık 2022

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Kapsamındaki Dergi, Aralık 2022

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Kapsamındaki Dergi, Ekim 2022

SPECTROSCOPY LETTERS, SCI Kapsamındaki Dergi, Ekim 2022

Metrikler

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Burslar

Fulbright Visiting Scholar Program, Fulbright Programı, 2022 - 2022

Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2015 - 2016

Ödüller

Çağlayan M. G., Bilim Akademisi Genç Bilim İnsanları Ödül Programı, Bilim Akademisi, Nisan 2023