



**DR. ÖĞR. BURHAN CEYLAN
ÜYESİ**

Kişisel Bilgiler

Eposta: burhanceylan@harran.edu.tr

Birimi : Farmakognozi

Dahili :

Makaleler (YOKSIS)

- 1 A New HPLC Method with UV Detection for the Determination of Carnosol in Human Plasma and Application to a Pharmacokinetic Study**
CEYLAN BURHAN,TIRIS GİZEM,TEKKELİ ŞERİFE EVRİM
CHROMATOGRAPHIA,
- 2 A new HPLC-UV method for the simultaneous measurements of α -escin and β -escin in creams containing Aesculus hippocastanum L. extract**
CEYLAN BURHAN
Journal of Chemical Metrology,
- 3 A novel HPLC method for selezipag in human plasma and application to a prototype pharmacokinetic study**
CEYLAN BURHAN, TIRIS GİZEM, TEKKELİ ŞERİFE EVRİM, ÖNAL CEM, ÖNAL ARMAĞAN
ACTA CHROMATOGRAPHICA,
- 4 A review of the currently developed analytical methods for the determination of biogenic amines in food products**
TIRIS GİZEM,YANIKOĞLU RABİA SARE,CEYLAN BURHAN,EGELİ DERYA,TEKKELİ ŞERİFE EVRİM,ÖNAL ARMAĞAN
Food Chemistry,
- 5 AN UPLC METHOD FOR THE DETERMINATION OF SORAFENIB IN HUMAN PLASMA BY FLUORIMETRIC DETECTION WITH PRE-COLUMN DERIVATIZATION AND APPLICATION TO A PHARMACOKINETIC STUDY**
TIRIS GİZEM,TEKKELİ ŞERİFE EVRİM,ÖNAL CEM,CEYLAN BURHAN,ÖNAL ARMAĞAN
Revue Roumaine de Chimie,
- 6 Analysis of Capsaicinoids in Chilli Sauce with Ultra Fast Liquid Chromatography**
CEYLAN BURHAN, ÖNAL CEM, ÖNAL ARMAĞAN
Bezmialem Science,

- 7 Determination of Apigenin in Cosmetics Containing Chamomile by High-Performance Liquid Chromatography with Ultraviolet Detection (HPLC-UV)**
SERİM Ecem, CEYLAN BURHAN, TEKKELİ ŞERİFE EVRİM
Analytical Letters,
- 8 Determination of Biological Activity of Some Macro/Micro Algae**
CEYLAN BURHAN, SEZEN GÖKSAL
Kastamonu University Journal of Engineering and Sciences,
- 9 Determination of Carnosic Acid by A Novel HPLC-UV Method in Human Plasma and Application to A Prototype Pharmacokinetic Study**
CEYLAN BURHAN, TIRIS GİZEM, TEKKELİ ŞERİFE EVRİM
JOURNAL OF CHROMATOGRAPHIC SCIENCE,
- 10 Determination of Guaifenesin in Spiked Human Breast Milk: HPLC-UV Method Development, Validation, and Uncertainty Evaluation**
CEYLAN BURHAN, ÖNAL CEM, ÖNAL ARMAĞAN
Methods and Objects of Chemical Analysis, <https://doi.org/10.17721/moca.2025.324-328>
- 11 Determination of Heavy Metal Contents in Macro/Micro Algae Samples by ICP-OES**
ÇAYCI MELTEM, CEYLAN BURHAN, SEZEN GÖKSAL
Menba Journal of Fisheries Faculty,
- 12 Determination of Trace Elements in Some Macro/Micro Algae Samples by Inductive Coupled Plasma-Mass Spectrometry (ICP-MS)**
CEYLAN BURHAN, ÇAYCI MELTEM, ÖZCAN CEMİLE, SEZEN GÖKSAL
Commagene Journal of Biology, <https://doi.org/10.31594/commagene.1687981>
- 13 Development and validation of a new HPLC-UV method for the determination of gossypol in commercially available cotton oils**
CEYLAN BURHAN
ACTA CHROMATOGRAPHICA, <https://doi.org/10.1556/1326.2025.01358>
- 14 Development and validation of a new HPLC-UV method for the determination of harpagoside in creams containing Devil's claw (Harpagophytum procumbens DC. ex Meisnn)**
CEYLAN BURHAN
Journal of Chemical Metrology, <http://doi.org/10.25135/jcm.114.2504.3497>
- 15 Development and Validation of A New UHPLC-DAD Approach for Atomoxetine Detection in Several Medicinal Plants**
CEYLAN BURHAN
Journal of Faculty of Pharmacy of Ankara University,
- 16 Development and validation of a novel HPLC-UV method for the determination of faradiol in creams including Marigold (Calendula officinalis L.) extract**
CEYLAN BURHAN
Journal of Research in Pharmacy, <https://doi.org/10.12991/jrespharm.1734461>
- 17 Development and validation of a novel HPLC-UV method for the quantification of hyaluronic acid in anti-aging creams**
CEYLAN BURHAN

- 17 Methods and Objects of Chemical Analysis,<https://doi.org/10.17721/moca.2025.72-76>
- 18 **Development and validation of an HPLC method for quantification of solifenacin in spiked human breast milk**
CEYLAN BURHAN,ÇAYCI MELTEM,ÖNAL CEM,ÖNAL ARMAĞAN
Analytical Science and Technology,<https://doi.org/10.5806/AST.2025.38.5.333>
- 19 **Development of a new High Performance Liquid Chromatography-Fluorescence Detection (HPLC-FL) method for the determination of biogenic amines in frozen fish sold in markets**
CEYLAN BURHAN,ÇAYCI MELTEM
Global NEST Journal,
- 20 **Development of A New HPLC Method for the Identification of Allicin and S-Allyl Cysteine in Garlic (*Allium sativum* L.) Extracts.**
CEYLAN BURHAN, TIRIS GİZEM
Bezmialem Science,
- 21 **Development of an HPLC method for the determination of fampridine (dalfampridine) in human plasma by fluorimetric derivatization and application to a prototype pharmacokinetic study**
CEYLAN BURHAN,ÖNAL CEM,ÖNAL ARMAĞAN
Revue Roumaine de Chimie,10.33224/rrch.2025.70.3-4.09
- 22 **Development of An HPLC Method for the Determination of Mesalazine in Human Plasma by Fluorimetric Derivatization and Application to A Prototype Pharmacokinetic Study**
CEYLAN BURHAN, TEKKEİ ŞERİFE EVRİM, ÖNAL CEM
JOURNAL OF FLUORESCENCE,
- 23 **Development of an HPLC-UV method for the simultaneous determination of allantoin and D-panthenol in cosmetic products containing Aloe vera extracts**
CEYLAN BURHAN,TEKKEİ ŞERİFE EVRİM
ACTA CHROMATOGRAPHICA,<https://doi.org/10.1556/1326.2024.01216>
- 24 **Evaluation of in vitro antioxidant activities of traditional fermented non-alcoholic beverages from Turkey**
CEYLAN BURHAN
Bulgarian Chemical Communications,
- 25 **Fluorimetric derivatization-based HPLC-FL method for the prototype pharmacokinetic analysis of selexipag in human plasma**
CEYLAN BURHAN,ÇAYCI MELTEM,ÖNAL CEM,ÖNAL ARMAĞAN
Methods and Objects of Chemical Analysis,<https://doi.org/10.17721/moca.2025.117-122>
- 26 **Investigation of Anti-Alzheimer and Anti-Diabetic Activity of Callus Culture of *Bellevalia edirnensis* ÖZHATAY & MATHEW: An Endemic Plant From Turkey**
CEYLAN BURHAN, DAYAN SERGUN, AYDIN Eda
Kırklareli University Journal of Engineering and Science,
- 27 **Investigation of Antioxidant Activity of *Sorbus domestica* L. Extracts and Determination of Phenolic Contents by LC-MS/MS**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
Revue Roumaine de Chimie,

- 28 **Magnetic micro solid-phase extraction for a novel UHPLC-DAD method for the determination of atomoxetine (ATX) in breast milk and human plasma**
CEYLAN BURHAN,KURNAZ YETİM NURDAN,ÖZCAN CEMİLE,KOÇ MÜMİN MEHMET,ÖNAL CEM
Revue Roumaine de Chimie,
- 29 **Metallic nanoparticles as X-ray computed tomography (CT) contrast agents: A review.**
ASLAN NAİM,CEYLAN BURHAN,KOÇ MÜMİN MEHMET,FINDIK FEHİM
JOURNAL OF MOLECULAR STRUCTURE,

Bildiriler (YOKSIS)

- 1 **A new HPLC method for the determination of Allicin and S-Allyl cysteine in garlic (*Allium sativum* L.) extracts**
BUCAK Seden, TEKKEİ ŞERİFE EVRİM, CEYLAN BURHAN, TIRIS GİZEM
II. International, Agricultural, Biological & Life Science Conference ,
- 2 **A New HPLC Method with UV Detection for the Determination of Carnosol in Human Plasma and Application to A Pharmacokinetic Study**
CEYLAN BURHAN, TIRIS GİZEM, TEKKEİ ŞERİFE EVRİM
The Sixth International Symposium on Pharmaceutical and Biomedical Sciences ,
- 3 **A novel HPLC method for selezipag in human plasma and application to a prototype pharmacokinetic study**
CEYLAN BURHAN, TIRIS GİZEM, TEKKEİ ŞERİFE EVRİM, ÖNAL CEM, ÖNAL ARMAĞAN
3rd International Natural Science, Engineering and Material Technologies Conference ,
- 4 **A spectroscopic study on the chelating activity of iron (II) ions of rowanberry extracts**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
III. International Conference on Organic Electronic Material Technologies ,
- 5 **A spectroscopic study on the determination of total ferric (Fe³⁺) ions reduction capacity of rowanberry extracts**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
III. International Conference on Organic Electronic Material Technologies ,
- 6 **An UPLC method for the determination of sorafenib in human plasma by fluorimetric detection with pre-column derivatization and application to a pharmacokinetic study**
TIRIS GİZEM,TEKKEİ ŞERİFE EVRİM,ÖNAL CEM,CEYLAN BURHAN,ÖNAL ARMAĞAN
4th International Natural Science, Engineering and Material Technologies Conference ,
- 7 **Bazı Fermente Gıdalarda Benzo(A)Piren Tayini İçin Katı Faz Ekstraksiyonu Kullanılarak Yeni Bir HPLC-UV Yönteminin Geliştirilmesi ve Validasyonu**
ÇAYCI MELTEM,CEYLAN BURHAN
35. Ulusal Kimya Kongresi ,
- 8 **Bizmut nanoparticles as X-ray computed tomography (CT) and multipurpose contrast agents**
CEYLAN BURHAN, ASLAN NAİM, KOÇ MÜMİN MEHMET
International Natural Science, Engineering and Material Technologies Conference ,
- 9 **Determination of apigenin in cosmetic formulations containing chamomile extract**

- 9 SERİM Ecem, TEKKEİ ŞERİFE EVRİM, CEYLAN BURHAN
International Multidisciplinary Symposium on Drug Research and Development ,
- 10 **Determination of the anthocyanin content of rowanberry extracts**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
I. International Balkan Chemistry Congress ,
- 11 **Determination of the anti-alzheimer activity of Bellevalia edirnensis Özhatay & Mathew (Asparagaceae) callus tissue extracts**
DAYAN SERGUN, CEYLAN BURHAN, GAZİOĞLU İŞİL, ZENGİN KURT BELMA
II. International, Agricultural, Biological & Life Science Conference ,
- 12 **Determination of the antidiabetic activity of callus tissue extracts of Bellevalia edirnensis Özhatay & Mathew: An endemic plant from Balkans**
DAYAN SERGUN, CEYLAN BURHAN, GAZİOĞLU İŞİL, ZENGİN KURT BELMA
II. International, Agricultural, Biological & Life Science Conference ,
- 13 **Determination of the chlorophyll content of the rowanberry leaf**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
IV. International Symposium of Medicinal and Aromatic Plants ,
- 14 **Determination of the total antioxidant activity by the phosphomolybdenum method of rowanberry extracts**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
I. International Balkan Chemistry Congress ,
- 15 **Determination of the total flavonoid substance content of rowanberry extracts**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
IV. International Symposium of Medicinal and Aromatic Plants ,
- 16 **Development and validation of a new HPLC-FL method for the determination of ochratoxin-A in some dried fruits**
CEYLAN BURHAN
4th International Natural Science, Engineering and Material Technologies Conference ,
- 17 **Development and Validation of A New HPLC-UV Method for the Determination of Gossypol in Commercially Available Cotton Oils**
CEYLAN BURHAN
II. International Biological and Life Sciences Congress ,
- 18 **Development and validation of a new UHPLC-DAD approach for atomoxetine detection in several medicinal plants**
CEYLAN BURHAN
VI. International Agricultural, Biological and Life Science Conference ,
- 19 **Development of a New High Performance Liquid Chromatography-Fluorescence Detection (HPLC-FL) Method for the Determination of Biogenic Amines.**
ÇAYCI Meltem, CEYLAN BURHAN
6. International Dicle Scientific Research and Innovation Congress ,

- 20 Development of A New HPLC Method for the Determination of Mesalazine in Human Plasma by Fluorimetric Derivatization and Application to A Pharmacokinetic Study**
CEYLAN BURHAN, TEKKEİ ŞERİFE EVRİM, ÖNAL CEM
13th International Symposium on Pharmaceutical Sciences ,
- 21 Development of a new HPLC-FL method for the simultaneous analysis of aflatoxin B1 and B2 in commercially available chili peppers**
CEYLAN BURHAN
VI. International Agricultural, Biological and Life Science Conference ,
- 22 Evaluation of heavy metal contents in Chlorella vulgaris and Spirulina Platensis by ICP-OES**
ÇAYCI MELTEM, CEYLAN BURHAN
11. International Summit Scientific Research Congress ,
- 23 Evaluation of in vitro antioxidant activities of traditional fermented non-alcoholic beverages from Turkey and analysis of its phenolic contents by LC-MS/MS**
CEYLAN BURHAN
3rd International Natural Science, Engineering and Material Technologies Conference ,
- 24 Gold nanoparticles as X-ray computed tomography (CT) and multipurpose contrast agents**
CEYLAN BURHAN, ASLAN NAİM, KOÇ MÜMİN MEHMET
International Natural Science, Engineering and Material Technologies Conference ,
- 25 İnsan Plazmasında Sorafenib Tayini İçin Manyetik Mikro Katı Faz Ekstraksiyonu Kullanılarak Yeni Bir HPLC-UV Yönteminin Geliştirilmesi ve Validasyonu**
CEYLAN BURHAN
35. Ulusal Kimya Kongresi ,
- 26 İnsan Plazmasında Yeni Bir HPLC-UV Metodu ile Karnosik Asit Tayini ve Farmakokinetiği**
CEYLAN BURHAN, TIRIS GİZEM, TEKKEİ ŞERİFE EVRİM
34. Ulusal Kimya Kongresi ,
- 27 Metallic nanoparticles as X-ray computed tomography (CT) and multipurpose contrast agents**
CEYLAN BURHAN, ASLAN NAİM, KOÇ MÜMİN MEHMET
International Natural Science, Engineering and Material Technologies Conference ,
- 28 Onosma alborosea subsp. alborosea var. alborosea Çiçeğinin Farklı Çözücü Ekstraktlarının Toplam Flavonoid Madde İçeriği ve Biyoaktif Bileşenleri**
GÖÇMEN Doğan, GÜNDÖĞDU Ali Hasan, CEYLAN BURHAN
35. Ulusal Kimya Kongresi ,
- 29 Ultra fast liquid chromatographic (UFLC) analysis of capsaicinoids in chilli sauce**
ÖNAL CEM, CEYLAN BURHAN, TEKKEİ ŞERİFE EVRİM
II. International, Agricultural, Biological & Life Science Conference ,
- 30 Üvez Ekstraktlarının Toplam Fenolik Madde İçeriğinin Tayini**
CEYLAN BURHAN, YEŞİLOĞLU YEŞİM
International Symposium On Medicinal, Aromatic and Dye Plants ,

