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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AEU-9843-2022

ScopusID: 37055305100

Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık, Türkiye 2010 - 2017

Yüksek Lisans, Gazi Üniversitesi, Fen Fakültesi, Kimya, Türkiye 2007 - 2010

Lisans, Gazi Üniversitesi, Fen Fakültesi, Kimya, Türkiye 2003 - 2007

Yaptığı Tezler

Doktora, TİMOLOL MALEAT İÇEREN TİCARİ FARMASÖTİK PREPARATLARDAKİ ETKİN MADDELERİN SPEKTROFOTOMETRİK VE KROMATOĞRAFİK ÖLÇÜMLERE DAYALI KEMOMETRİK YÖNTEMLERLE MİKTAR TAYİNLERİ, Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık, 2017

Araştırma Alanları

Sağlık Bilimleri, Temel Bilimler

Akademik Unvanlar / Görevler

Doç. Dr., Gazi Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2022 - Devam Ediyor

Dr. Öğr. Üyesi, Gazi Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2021 - Devam Ediyor

Uzman, Uşak Üniversitesi, Bilimsel Analiz Uygulama Ve Araştırma Merkezi, 2011 - 2012

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Application of continuous wavelet transforms for simultaneous estimation of domperidone and lansoprazole in capsule formulations**
ERTEKİN ÖZKAN Z. C., BIYIK E., VARHAN ORAL E., DİNÇ E.
MEASUREMENT, cilt.242, 2025 (SCI-Expanded)
- New method for rapid detection and simultaneous determination of prohibited adrenergic drugs in sports using thin layer chromatography and image processing**

BIYIK E., Casoni D., Szasz M. C., Cobzac S. C. A.

Journal of Liquid Chromatography and Related Technologies, cilt.47, sa.16-20, ss.360-367, 2024 (SCI-Expanded)

- III. **Two-way and three-way resolutions of fluorescence excitation-emission dataset for the co-estimation of two pharmaceuticals in a binary mixture**
Dinç E., Ertekin Z. C., Bıyık E.
Chemometrics and Intelligent Laboratory Systems, cilt.239, 2023 (SCI-Expanded)
- IV. **Using Both Classical and Chemometric Chromatographic Measurements to Quantify and Monitor the in-vitro Dissolution Profiles of Lamivudine and Zidovudine in Combined Tablets**
DİNÇ E., Ozdemir N., Tilkan M. G., Rouhani G., BIYIK E., Vu Dang Hoang V. D. H.
CHEMISTRYSELECT, cilt.7, sa.43, 2022 (SCI-Expanded)
- V. **Wavelet Signal Processing Tools for Quantifying and Monitoring the invitro Dissolution Profiles of Tenofovir Disoproxil Fumarate and Emtricitabine in Tablets**
Dinç E., Özdemir A. N., Üstündağ Ö., Bıyık E., Tilkan G., Hoang V. D.
Journal of Mexican Chemical Society, cilt.66, sa.4, ss.488-499, 2022 (SCI-Expanded)
- VI. **A novel strategy on the spectrochromatographic analysis of a quaternary mixture by parallel factor analysis model**
Dinç E., Ertekin Özkan Z. C., Bıyık E.
BIOMEDICAL CHROMATOGRAPHY, cilt.36, sa.3, 2022 (SCI-Expanded)
- VII. **Spectrochromatographic determination of dorzolamide hydrochloride and timolol maleate in an ophthalmic solution using three-way analysis methods**
Dinc E., Buker E.
TALANTA, cilt.191, ss.248-256, 2019 (SCI-Expanded)
- VIII. **Three-way Resolution of the Overlapping Ultrahigh-performance Liquid Spectrochromatograms for the Analysis of a Quaternary Mixture Using Parallel Factor Analysis**
Dinc E., Buker E., Ertekin Z. C.
ANALYTICAL LETTERS, cilt.51, sa.5, ss.742-759, 2018 (SCI-Expanded)
- IX. **Quantitative determination of dexamethasone in pharmaceutical tablets with continuous wavelet transforms**
Dermis S., Buker E., Ertekin Z., Korkmaz E., Dinc E.
Asian Journal of Chemistry, cilt.30, sa.11, ss.2567-2570, 2018 (SCI-Expanded)
- X. **Multiway analysis methods applied to the fluorescence excitation-emission dataset for the simultaneous quantification of valsartan and amlodipine in tablets**
Dinc E., Ertekin Z. C., Buker E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.184, ss.255-261, 2017 (SCI-Expanded)
- XI. **A New UPLC Method with Chemometric Design-Optimization Approach for the Simultaneous Quantitation of Brimonidine Tartrate and Timolol Maleate in an Eye Drop Preparation**
Buker E., Dinc E.
JOURNAL OF CHROMATOGRAPHIC SCIENCE, cilt.55, sa.2, ss.154-161, 2017 (SCI-Expanded)
- XII. **Two-way and three-way approaches to ultra high performance liquid chromatography-photodiode array dataset for the quantitative resolution of a two-component mixture containing ciprofloxacin and ornidazole**
Dinc E., Ertekin Z. C., Buker E.
JOURNAL OF SEPARATION SCIENCE, cilt.39, sa.18, ss.3488-3497, 2016 (SCI-Expanded)
- XIII. **Parallel factor analysis and trilinear partial least squares applied to the UPLC-PDA data array for the quantification of brimonidine tartrate and timolol maleate in an eye drop formulation**
Dinc E., Buker E.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, cilt.39, sa.7, ss.374-383, 2016 (SCI-Expanded)
- XIV. **A new ultra performance liquid chromatographic method for determination of omeprazole in capsule dosage form**

- Dermis S., Ertekin Z. C., Bükler E., Dinç E.
Asian Journal of Chemistry, cilt.27, sa.12, ss.4689-4692, 2015 (SCI-Expanded)
- XV. **A new fast reversed-phase ultra-performance liquid chromatographic approach for quantitative analysis of pantoprazole in tablets**
Dermis S., Bükler E., Ertekin Z. C., Dinç E.
Asian Journal of Chemistry, cilt.27, sa.12, ss.4675-4678, 2015 (SCI-Expanded)
- XVI. **A New Application of Continuous Wavelet Transform to Overlapping Chromatograms for the Quantitative Analysis of Amiloride Hydrochloride and Hydrochlorothiazide in Tablets by Ultra-Performance Liquid Chromatography**
Dinc E., Buker E.
JOURNAL OF AOAC INTERNATIONAL, cilt.95, sa.3, ss.751-756, 2012 (SCI-Expanded)
- XVII. **Simultaneous determination of hydrochlorothiazide and olmesartan modoxomil in a binary mixture by the calibrations of the spectral linear regression equations**
Dinç E., Bükler E., Baleanu D.
Revista de Chimie, cilt.63, sa.7, ss.656-659, 2012 (SCI-Expanded)
- XVIII. **Fractional and continuous wavelet transforms for the simultaneous spectral analysis of a binary mixture system**
Dinç E., Buker E., Baleanu D.
Communications in Nonlinear Science and Numerical Simulation, cilt.16, sa.12, ss.4602-4609, 2011 (SCI-Expanded)
- XIX. **Ultra performance liquid chromatography for the rapid determination of allura red in a commercial liquid drink**
Dinç E., Bükler E., Baleanu D.
Revista de Chimie, cilt.62, sa.4, ss.459-461, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Application of PCR and PLS Tools for the Simultaneous Quantification of Praziquantel and Ivermectin Binary Mixtures in Veterinary Tablets**
BIYIK E., DİNÇ E., YAŞAR N.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, cilt.10, ss.385-397, 2022 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Exploring the chemical compounds by analytical methods and potential uses of traditional healing medicine derived from Rosa damascena Mill**
Bıyık E.
International Conference On Research Challenges In Science And Technology, Muğla, Türkiye, 18 - 19 Temmuz 2024, cilt.1, sa.1, ss.18
- II. **Investigating the in-vitro diuretic activity and rosmarinic acid content of extracts from Olea europaea L. Ayvalik and Olea europaea L. Gemlik for potential health and medicinal purposes.**
Bıyık E., Casoni D.
International Conference On Nanobiotechnology and Pharmacy, İstanbul, Türkiye, 9 - 10 Temmuz 2024, ss.23
- III. **Studies on Osteoarthritis, Gout and Antidepressant Effects and chemical active compounds of Platanus anatolius versus Platanus orientalis**
SARAÇOĞLU İ. A., BIYIK E.
4th international eurasian conference on biological and chemical science, Türkiye, 24 Kasım 2021
- IV. **Background, Present and Future of Food Supplements**
SARAÇOĞLU İ. A., BIYIK E.
3rd international congress on agricultural and food ethics, 05 Kasım 2021

V. Antiviral potential of medicinal plants and plant lectins: use in COVID-19 pandemic era.

BIYIK E., SARAÇOĞLU İ. A.

International conference on new trends in science and application, Türkiye, 12 Ekim 2021

VI. A Simple UV Spectrophotometric Approach For Monitoring FAV-COV2 Binding

BIYIK E., DİNÇ E.

International Third Gazi Pharma Symposium Series, Ankara, Türkiye, 08 Eylül 2021

Metrikler

Yayın: 29

Atf (WoS): 47

Atf (Scopus): 62

H-İndeks (WoS): 5

H-İndeks (Scopus): 6