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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AAH-6311-2020

Yoksis Araştırmacı ID: 6981

Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Türkiye 1989 - 1996

Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Türkiye 1987 - 1989

Lisans, Gazi Üniversitesi, Gazi Eğitim Fakültesi, Kimya Öğretmenliği Pr. (İö), Türkiye 1982 - 1986

Yabancı Diller

Fransızca, B2 Orta Üstü

Yaptığı Tezler

Doktora, Atrofin sülfat içeren karışımlarda bileşenlerin spektrofotometrik yöntemlerle miktar tayinleri ve bu yöntemlerin farmasötik preparatlara uygulanması, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 1996

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Araştırma Alanları

Eczacılık

Akademik Unvanlar / Görevler

Prof. Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2009 - Devam Ediyor

Doç. Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2004 - 2009

Araştırma Görevlisi, Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1988 - 2000

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- I. **Three-dimensional spectrophotometric determination of chlorogenic acid in *Melampyrum stenophyllum* Boiss. extracts by parallel factor analysis**
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- II. **Development of a novel UPLC approach to co-prediction of four active compounds in a multi-component pharmaceutical preparation**
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- III. **Monitoring ascorbic acid oxidation with H₂O₂ and analyzing the food supplement product using parallel factor analysis model of kinetic UV absorption measurements**
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- IV. **A multiway spectral analysis model to monitor the kinetic chlorination reaction of caffeine and determine its content in commercial liquid and solid drinks**
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- V. **Two-way and three-way resolutions of fluorescence excitation-emission dataset for the co-estimation of two pharmaceuticals in a binary mixture**
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- VII. **A New Ultra-Performance Liquid Chromatographic Method for the Quantification of Vitamin C in Fresh and Dried Goji Berries (*Lycium barbarum* L.) Cultivated in Turkey**

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- VIII. **Three-dimensional strategies in the quantitative resolution of kinetic UV absorbance measurements for monitoring the oxidation of quercetin by oxidant agents and analyzing dietary supplement product**
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- IX. **Using Both Classical and Chemometric Chromatographic Measurements to Quantify and Monitor the in-vitro Dissolution Profiles of Lamivudine and Zidovudine in Combined Tablets**
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- X. **A Chemometric Strategy in the Development of a RP-UPLC Method for the Quantitative Resolution of a Two-Component Syrup Formulation**
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- XI. **Wavelet Signal Processing Tools for Quantifying and Monitoring the in-vitro Dissolution Profiles of Tenofovir Disoproxil Fumarate and Emtricitabine in Tablets**
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- XII. **Square wave voltammetric pKa determination of aspirin using multi-way data analysis models**
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- XIII. **Two Different Strategies Based on Three-Way Analysis Models of UV Spectroscopic and Spectrochromatographic Measurements to Quantify the Acidity Constant of Acetylsalicylic Acid**
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- XIV. **Multiway resolution of spectrochromatographic measurements for the quantification of echinuline in marine-derived fungi Aspergillus chevalieri using parallel factor analysis**
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- XV. **A novel strategy on the spectrochromatographic analysis of a quaternary mixture by parallel factor analysis model**
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- XVI. **CONTINUOUS WAVELET TRANSFORM APPROACH FOR THE ASSAY OF ACTIVE COMPONENTS IN TABLETS**
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- XVII. **Comparative Study of the Quantitative Resolution of Paracetamol and Methocarbamol Mixture by Spectrophotometry with Wavelet Transform and UPLC Techniques**
GÜZEL R., ERTEKİN ÖZKAN Z. C., ZİYADANOĞULLARI B., DİNÇ E., ZİYADANOĞULLARI R.
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- XVIII. **Continuous wavelet transforms and ultra performance liquid chromatography applied to the simultaneous quantitative determination of candesartan cilexetil and hydrochlorothiazide in tablets**
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- XIX. **Simultaneous Determination of the Acid Dissociation Constants of Phenolics by Multivariate Analysis of pH and Ultraviolet-Visible Spectrophotometric Measurements**
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- XX. **A New Application of PARAFAC Model to UPLC Dataset for the Quantitative Resolution of a Tri-Component Drug Mixture**
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- XXI. **SIMULTANEOUS SPECTROPHOTOMETRIC QUANTITATION OF RUTIN AND CHLOROGENIC ACID IN LEAVES OF Ribes uva-crispa L. BY ONE-DIMENSIONAL CONTINUOUS WAVELET TRANSFORMS**
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- XXII. **PARAFAC and MCR-ALS approaches to the pKa determination of benzoic acid and its derivatives**
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- XXV. **Novel Three-Dimensional Resolution of a pH and Ultraviolet-Visible Absorption Spectral Dataset for the Determination of Desloratadine in a Pharmaceutical Product and Its Acid Dissociation Constant**
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- XXIX. **Chromatographic Multivariate Calibration Approaches to the Simultaneous Quantification of Three Different Drugs in Effervescent Tablets**
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- XXX. **Spectrochromatographic determination of dorzolamide hydrochloride and timolol maleate in an ophthalmic solution using three-way analysis methods**
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- XXXI. **Wavelet Transform-Based UV Spectroscopy for Pharmaceutical Analysis**
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- XXXII. **A comparative application of two-way and three-way analysis to three-dimensional voltammetric dataset for the pK(a) determination of vanillin**
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- XXXIII. **Chemometric Strategies in Chromatographic Analysis of Pharmaceuticals**
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- XXXVII. **Simultaneous determination of ascorbic acid and caffeine in commercial soft drinks using reversed-phase ultraperformance liquid chromatography**
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- XXXVIII. **A New UPLC Method with Chemometric Design-Optimization Approach for the Simultaneous Quantitation of Brimonidine Tartrate and Timolol Maleate in an Eye Drop Preparation**
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- XL. **A new UPLC approach for the quantitation of ephedrine and guaifenesin in a syrup formulation using multivariate optimization strategy**
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- XL I. **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**
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- XL II. **TiO₂ modified carbon paste sensor for voltammetric analysis and chemometric optimization approach of amlodipine in commercial formulation**
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- XL III. **ICP-OES Method for the Determination of Fe, Co, Mn, Cu, Pb, and Zn in Ore Samples From the Keban Region Using Experimental Design and Optimization Methodology**
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- XLV. **Quantitative Analysis of Melissa officinalis L. Samples by Chromatographic Multivariate Calibration Methods**
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- L. **Ultra-Performance Liquid Chromatography for the Simultaneous Quantification of Rutin and Chlorogenic Acid in Leaves of Ribes L. Species by Conventional and Chemometric Calibration Approaches**
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- LIII. **Application of continuous wavelet transform to the analysis of the modulus of the fractional Fourier transform bands for resolving two component mixture**
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- LVII. Effects of various freezing and cooking processes on the residues of sulfamethazine in broiler tissues**
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- LVIII. Comparative application of PLS and PCR methods to simultaneous quantitative estimation and simultaneous dissolution test of zidovudine - Lamivudine tablets**
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- XXIV. **A New Application of Three-Way PARAFAC Model to UPLC-PDA Data for the Quantitative Estimation of Ascorbic Acid, Acetaminophen and Aspirin in Tablets with Second-Order Advantage**
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- L. **Three Way Analysis of a Binary Mixture with PARAFAC Decomposition Model**
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- LVIII. **An Application of Trilinear PARAFAC Method to the UPLC PDA Data Array to the Simultaneous Quantitative Analysis of a Two Component Mixture**
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- LXII. **Development of a UPLC Method by Experimental Design and Optimization for Simultaneous Quantification of Isoniazid and Pyridoxine**
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- LXX. **Multivariate Curve Resolution Alternating Least Squares Method for the Determination of the pKa Value of Ascorbic Acid Using Square Wave Voltammetry**
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- LXXI. **Reversed Phase Ultra Performance Liquid Chromatographic Approach for The Simultaneous Quantitative Analysis of Ephedrine and Guaifenesin in A Syrup Formulation Using Chemometric Optimization Technique**
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