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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: B-7296-2012
ScopusID: 35867219300
Yoksis Researcher ID: 108266

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 2010 - 2016
Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Turkey 2008 - 2010
Undergraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Beta agonist ilaç etken maddelerin kiral davranışlarının incelenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 2016
Postgraduate, Anjiyotensin dönüştürücü enzim inhibitörü ve kalsiyum kanal blokörü kombinasyonu ilaçların yüksek performanslı sıvı kromatografi yöntemi ile aynı anda analizi, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 2009

Research Areas

Health Sciences, Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Analytical Chemistry, Chemistry, Analytical Chemistry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ankara University, Adli Bilimler Enstitüsü, Adli Toksikoloji Anabilim Dalı, 2021 - Continues
Assistant Professor, Ankara University, Adli Bilimler Enstitüsü, Adli Toksikoloji Anabilim Dalı, 2018 - 2021
Expert, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2017 - 2018
Research Assistant, Hitit University, Faculty Of Arts And Sciences, Department Of Chemistry, 2009 - 2017

Academic and Administrative Experience

Academic Council Member of Department, Ankara University, Adli Bilimler Enstitüsü, Adli Toksikoloji Anabilim Dalı, 2024 - Continues
Performance Evaluation Commission Member, Ankara University, Adli Bilimler Enstitüsü, Adli Toksikoloji Anabilim Dalı, 2023 - Continues
Internship Coordinator, Ankara University, Adli Bilimler Enstitüsü, Adli Toksikoloji Anabilim Dalı, 2022 - Continues
Department Academic Incentive Evaluation Commission Member, Ankara University, Adli Bilimler Enstitüsü, Adli Toksikoloji Anabilim Dalı, 2019 - Continues

Courses

Sporda Doping, Postgraduate, 2018 - 2019
Adli Toksikolojide Enstrümental Analiz, Postgraduate, 2018 - 2019
Adli Bilimlerde İleri Yöntemler, Doctorate, 2018 - 2019
Narkotikleri ve Analizleri (Uygulama), Postgraduate, 2018 - 2019
Adli Bilimlerde Kromatografik Yöntemler (Uygulama), Postgraduate, 2018 - 2019
Narkotikler ve Analizleri (Uygulama), Postgraduate, 2018 - 2019
Adli Kimya Uygulama, Doctorate, 2018 - 2019
Adli Toksikoloji I (Uygulama), Postgraduate, 2018 - 2019
Adli Kimya, Postgraduate, 2018 - 2019
Doping Analizleri, Doctorate, 2018 - 2019
Adli Toksikoloji (Uygulama), Doctorate, 2018 - 2019
Adli Toksikolojide Enstrümental Analiz (Uygulama), Postgraduate, 2018 - 2019

Advising Theses

Gümüştaş M., Developing a chromatographic method for the analysis flumethrin causing prethyroid toxicity, Postgraduate, N.KOÇAK (Student), 2024
Gümüştaş M., Development of a method for the analysis of alcohol-based hand sanitizers and legal evaluation of their alcohol content within the scope of legislations, Postgraduate, E.TOSUNOĞLU (Student), 2023
Gümüştaş M., New perspectives for the determination of naltrexone and its metabolite used in the treatment of addiction for new generation opioids, Postgraduate, C.HACER (Student), 2023
Gümüştaş M., Development of innovative approaches for analysis of buprenorphine/naloxone combination used in opiate addiction treatment, Postgraduate, E.PINAR (Student), 2023
Gümüştaş M., Development of electrochemical sensor for the determination of paracetamol, Postgraduate, D.PAULINA (Student), 2020

Jury Memberships

Post Graduate, Post Graduate, Hacettepe Üniversitesi, January, 2025
Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, January, 2025
Doctorate, Doctorate, Ankara Üniversitesi, April, 2024

Doctorate, Doctorate, Ankara Üniversitesi, April, 2024
Post Graduate, Post Graduate, Hitit Üniversitesi, January, 2024
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2023
Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2023
Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2023
Doctorate, Doctorate, Ankara Üniversitesi, July, 2022
Doctorate, Doctorate, Ankara Üniversitesi, July, 2022
Doctorate, Doctorate, Ankara Üniversitesi, July, 2022
Doctorate, Doctorate, Ankara Üniversitesi, July, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2022
Post Graduate, Post Graduate, Hitit Üniversitesi, June, 2022
Post Graduate, Post Graduate, Hitit Üniversitesi, May, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, February, 2022
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2022
Doctorate, Doctorate, Ankara Üniversitesi, December, 2021
Doctoral Examination, Doctoral Examination, Gebze Teknik Üniversitesi, January, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A new strategy for enhancing S-Adenosyl-L-Methionine (SAME) oral bioavailability: Preparation of SAME loaded inulin nanoparticles for colon targeting with in vivo validation**
Ergin A. D., Bayindir Z. S., Gumustas M., Ozcelikay A. T., Yuksel N.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.289, pp.138818-138819, 2025 (SCI-Expanded)
- II. **The effects of UGT1A4 and ABCB1 polymorphisms on clozapine and N- desmethyl clozapine plasma levels in Turkish schizophrenia patients.**
Ozdemir F., Oz M. D., Tok K. C., Dural E., Kir Y., Gumustas M., Baskak B., Suzen H. S.
Toxicology and applied pharmacology, pp.117219, 2025 (SCI-Expanded)
- III. **A Novel Bioprotective Strain of *Lactiplantibacillus plantarum* F2-Physiological, Genetical, and Antimicrobial Characterization**
Altuntaş E., Celik A. A., Sevim B., Tok K. C., Gümüştas M., Mergen H., Juneja V. K.
FOODBORNE PATHOGENS AND DISEASE, 2024 (SCI-Expanded)
- IV. **Highly selective and sensitive molecularly imprinted sensors for the electrochemical assay of quercetin in methanol extracts of *Rubus sanctus* and *Fragaria vesca***
HÜRKÜL M. M., Cetinkaya A., YAYLA Ş., Kaya S. I., Budak F., TOK K. C., GÜMÜŞTAŞ M., UZUN L., ÖZKAN S. A.
TALANTA, vol.273, 2024 (SCI-Expanded)
- V. **Assessment of Genetic and Lifestyle Factors on Clozapine and N-desmethylclozapine Plasma Levels in Schizophrenia Patients**
Demirbüğen Öz M., Özdemir F., Tok K. C., Dural E., Kir Y., Ulusoy M., Gümüştas M., Baskak B., Süzen H. S.
PHARMACOPSYCHIATRY CLINICAL PHARMACOLOGY, PSYCHIATRY, PSYCHOLOGY, NEUROPHYSIOLOGY, NEUROBIOLOGY, GERONTOLOGY, vol.57, no.2, pp.87, 2024 (SCI-Expanded)
- VI. **Lactic acid bacteria from fermented products: Antimicrobial activity and metabolite production**
Çelik A. A., Ayhan K., Tok K. C., Gümüştas M., Güneş Altuntaş E.
LATIN AMERICAN APPLIED RESEARCH, vol.54, no.4, pp.585-593, 2024 (SCI-Expanded)
- VII. **Electrochemical detection of lactate produced by foodborne presumptive lactic acid bacteria**
Özoğlu Ö., Uzunoglu A., Ünal M. A., Gümüştas M., Özkan S. A., Korukluoğlu M., Güneş Altuntaş E.
JOURNAL OF BIOSCIENCE AND BIOENGINEERING, vol.135, no.4, pp.313-320, 2023 (SCI-Expanded)
- VIII. **Chiral Sensing as a Future Challenge in Electroanalytical Chemistry: Cyclodextrin-Based Chiral**

Sensors

KARADURMUŞ L., GÜMÜŞTAŞ M., Bakirhan N. K., Ozkan S. A.

CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.53, no.3, pp.498-519, 2023 (SCI-Expanded)

- IX. **The Potential Role of <i>PDR*28</i> and <i>CYP1A2*F</i> Genetic Variations and Lifestyle Factors on Clozapine and N-Desmethylclozapine Plasma Levels in Schizophrenia Patients**
Demirbüğen Öz M., Ozdemir F., Tok K. C., Dural E., Kir Y., Ulusoy M., Gümüştas M., Baskak B., Süzen H. S.
EXPERT OPINION ON DRUG METABOLISM & TOXICOLOGY, vol.19, no.5, pp.319-327, 2023 (SCI-Expanded)
- X. **Separation of the enantiomers of underivatized amino acids by using serially connected dual column high-performance liquid chromatography-tandem mass spectrometry**
Oztepe T., Kale N. B., Reçber T., Baysal İ., Yabanoğlu Çiftçi S., Gümüştas M., Kır S., Chankvetadze B., Nemutlu E.
JOURNAL OF CHROMATOGRAPHY A, vol.1683, 2022 (SCI-Expanded)
- XI. **Probiotic potential and anti-quorum sensing activity of Enterococcus faecalis and Lactobacillus kunkeei isolates from Apis mellifera**
Kiymaci M., Simsek D., TOK K. C., Dirican D., GÜMÜŞTAŞ M.
JOURNAL OF THE HELLENIC VETERINARY MEDICAL SOCIETY, vol.73, no.4, pp.4717-4728, 2022 (SCI-Expanded)
- XII. **Development of salting-out extraction methodology for the determination of piroxicam from polymeric based nanocarriers and biological samples**
Tok K. C., Gümüştas M., Şengel Türk C. T., Amasya G., Bayram B., Arıoğlu İnan E.
Journal of Pharmaceutical and Biomedical Analysis, vol.219, 2022 (SCI-Expanded)
- XIII. **Investigation of the probiotic and metabolic potential of Fructobacillus tropaeoli and Apilactobacillus kunkeei from apiaries**
Simsek D., Kiymaci M. E., Tok K. C., Gumustas M., Altanlar N.
ARCHIVES OF MICROBIOLOGY, vol.204, no.7, 2022 (SCI-Expanded)
- XIV. **Microbial exopolysaccharide production of Streptococcus thermophilus and its anti-quorum sensing activity**
Karadeniz D. G., Kaşkatepe B., Kiymaci M. E., Tok K. C., Gümüştas M., Karaaslan C.
ARCHIVES OF MICROBIOLOGY, vol.203, no.6, pp.3331-3339, 2021 (SCI-Expanded)
- XV. **Disposable electrochemical flow cell with paper-based electrode assemble**
TORUL H., GÜMÜŞTAŞ M., Urguplu B., UZUNOĞLU A., BOYACI İ. H., ÇELİKKAN H., TAMER U.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.891, 2021 (SCI-Expanded)
- XVI. **The Effect of Enantiomer Elution Order on the Determination of Minor Enantiomeric Impurity in Ketoprofen and Enantiomeric Purity Evaluation of Commercially Available Dexketoprofen Formulations**
Tok K. C., Gümüştas M., Jibuti G., Süzen H. S., Özkan S. A., Chankvetadze B.
MOLECULES, vol.25, no.24, 2020 (SCI-Expanded)
- XVII. **A novel stability-indicating analytical method development for simultaneous determination of carboplatin and decitabine from nanoparticles**
EŞİM Ö., GÜMÜŞTAŞ M., HASÇİÇEK C., ÖZKAN S. A.
JOURNAL OF SEPARATION SCIENCE, vol.43, no.17, pp.3491-3498, 2020 (SCI-Expanded)
- XVIII. **In the context of superficially porous silica particles: simultaneous determination of dutasteride and tamsulosin from biological samples**
Barut B. B., Erkmen C., Gumustas A., GÜMÜŞTAŞ M., Ozkan S. A., USLU B.
Journal of the Iranian Chemical Society, vol.17, no.6, pp.1457-1465, 2020 (SCI-Expanded)
- XIX. **Modern Assay Techniques for Cancer Drugs: Electroanalytical and Liquid Chromatography Methods**
KURBANOĞLU S., BAKIRHAN N. K., GÜMÜŞTAŞ M., Ozkan S. A.
Critical Reviews in Analytical Chemistry, vol.49, no.4, pp.306-323, 2019 (SCI-Expanded)
- XX. **Step-by-step optimization of the HILIC method for simultaneous determination of abacavir, lamivudine, and zidovudine from dosage form**
Erkmen C., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.6, pp.1597-1624, 2019 (SCI-Expanded)
- XXI. **The History of the Core-Shell Particles and Applications in Active Pharmaceutical Ingredients Via**

Liquid Chromatography

GÜMÜŞTAŞ M., Zalewski P., ÖZKAN S. A., USLU B.

CHROMATOGRAPHIA, vol.82, no.1, pp.17-48, 2019 (SCI-Expanded)

- XXII. **Determination of probiotic abilities and lactic acid content of *Pediococcus acidilactici***
Kiymaci M. E., GÜMÜŞTAŞ M., ALTANLAR N., Akin A., Zenciroglu A., Ozkan S. A.
Current Analytical Chemistry, vol.15, no.4, pp.511-521, 2019 (SCI-Expanded)
- XXIII. **Separation of brombuterol enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes using nuclear magnetic resonance spectroscopy**
Gogolashvili A., Tatunashvili E., Chankvetadze L., Sohajda T., GÜMÜŞTAŞ M., Ozkan S. A., Salgado A., Chankvetadze B.
Electrophoresis, vol.40, no.15, pp.1904-1912, 2019 (SCI-Expanded)
- XXIV. **Application of cellulose 3,5-dichlorophenylcarbamate covalently immobilized on superficially porous silica for the separation of enantiomers in high-performance liquid chromatography**
Bezhitashvili L., Bardavelidze A., Mskhiladze A., GÜMÜŞTAŞ M., ÖZKAN S. A., Volonterio A., Farkas T., Chankvetadze B.
JOURNAL OF CHROMATOGRAPHY A, vol.1571, pp.132-139, 2018 (SCI-Expanded)
- XXV. **Separation of terbutaline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes**
Gogolashvili A., Tatunashvili E., Chankvetadze L., Sohajda T., Szeman J., GÜMÜŞTAŞ M., ÖZKAN S. A., Salgado A., Chankvetadze B.
JOURNAL OF CHROMATOGRAPHY A, vol.1571, pp.231-239, 2018 (SCI-Expanded)
- XXVI. **Quorum sensing signals and related virulence inhibition of *Pseudomonas aeruginosa* by a potential probiotic strain's organic acid**
Kiymaci M. E., ALTANLAR N., GÜMÜŞTAŞ M., ÖZKAN S. A., Akin A.
MICROBIAL PATHOGENESIS, vol.121, pp.190-197, 2018 (SCI-Expanded)
- XXVII. **Development of stability indicating HPLC method for the separation and validation of enantiomers of miconazole**
Bounoua N., Sekkoum K., GÜMÜŞTAŞ M., Belboukhari N., ÖZKAN S. A.
CHIRALITY, vol.30, no.6, pp.807-815, 2018 (SCI-Expanded)
- XXVIII. **Development of a HILIC method for the determination of 5-fluorouracil from nano drug delivery systems and rat skin extracts**
AMASYA G., GÜMÜŞTAŞ M., BADILLI F. U., ÖZKAN S. A., Tarimci N.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.154, pp.285-293, 2018 (SCI-Expanded)
- XXIX. **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, vol.32, no.4, 2018 (SCI-Expanded)
- XXX. **Analytical and Preparative Scale Separation of Enantiomers of Chiral Drugs by Chromatography and Related Methods**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
CURRENT MEDICINAL CHEMISTRY, vol.25, no.33, pp.4152-4188, 2018 (SCI-Expanded)
- XXXI. **A novel core-shell-based chromatographic method supported by ratio derivative spectrophotometry for the simultaneous determination of perindopril, indapamide, and amlodipine ternary mixtures**
KARADURMUŞ L., GÜMÜŞTAŞ M., KURBANOĞLU S., USLU B., ÖZKAN S. A.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.5, pp.1408-1419, 2018 (SCI-Expanded)
- XXXII. **Fulvestrant-loaded polymer-based nanoparticles for local drug delivery: Preparation and in vitro characterization**
Hascicek C., ŞENGEL TÜRK C. T., GÜMÜŞTAŞ M., Ozkan A. S., Bakar F., Das-Evcimen N., Savaser A., Ozkan Y.
Journal of Drug Delivery Science and Technology, vol.40, pp.73-82, 2017 (SCI-Expanded)
- XXXIII. **The Role and the Place of High-Performance Liquid Chromatography for the Determination of Fermented Dairy Products**

- Gümüştas M., Uslu B., Özkan S. A.
SOFT CHEMISTRY AND FOOD FERMENTATION, vol.3, pp.421-464, 2017 (SCI-Expanded)
- XXXIV. **Optimization of Stability Indicating LC Method for the Sensitive In vitro Determination from Solid Lipid Nanoparticles and Ex vivo Analysis from Rat Skin of Etofenamate**
Gümüştas M., Şengel Türk C. T., Badıllı F. U., Amasya G., Özkan S. A., Tarimci N.
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.1, pp.63-71, 2017 (SCI-Expanded)
- XXXV. **Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems**
Gümüştas M., Şengel Türk C. T., Gumustas A., Ozkan S. A., Uslu B.
MULTIFUNCTIONAL SYSTEMS FOR COMBINED DELIVERY, BIOSENSING AND DIAGNOSTICS, pp.67-108, 2017 (SCI-Expanded)
- XXXVI. **Rhamnolipid Production by Pseudomonas putida IBS036 and Pseudomonas pachastrellae LOS20 with Using Pulps**
Kaşkatepe B., Yildiz S., Gümüştas M., Özkan S. A.
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.2, pp.138-144, 2017 (SCI-Expanded)
- XXXVII. **Separation and elution order of the enantiomers of some beta-agonists using polysaccharide-based chiral columns and normal phase eluents by high-performance liquid chromatography**
Gümüştas M., Özkan S. A., Chankvetadze B.
JOURNAL OF CHROMATOGRAPHY A, vol.1467, pp.297-305, 2016 (SCI-Expanded)
- XXXVIII. **Determination of antazoline and tetrahydrozoline in ophthalmic solutions by capillary electrophoresis and stability-indicating HPLC methods**
Gümüştas M., Alshana U., Ertas N., Günden Göğeri N., Özkan S. A., Uslu B.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.124, pp.390-398, 2016 (SCI-Expanded)
- XXXIX. **A selective and sensitive stability-Indicating HPLC method for the validated assay of etoposide from commercial dosage form and polymeric tubular nanocarriers**
Algan A. H., Gümüştas M., Karatas A., Özkan S. A.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.124, pp.382-389, 2016 (SCI-Expanded)
- XL. **Comparison of seeds of Colchicum speciosum and Gloriosa superba in respect to colchicine and colchicoside contents by RP-LC**
Gümüştas M., Polat D., Kılıç C. S., Akalin K., Özkan S. A., Coskun M.
Natural Product Communications, vol.11, no.3, pp.397-400, 2016 (SCI-Expanded)
- XLI. **Simultaneous determination of amlodipine besylate and rosuvastatin calcium in binary mixtures by voltammetric and chromatographic techniques**
Karadas-Bakirhan N., Gümüştas M., Uslu B., Özkan S. A.
IONICS, vol.22, no.2, pp.277-288, 2016 (SCI-Expanded)
- XLII. **Biosurfactant production by Pseudomonas aeruginosa in kefir and fish meal**
Kaşkatepe B., Yildiz S., Gümüştas M., Özkan S. A.
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.46, no.3, pp.855-859, 2015 (SCI-Expanded)
- XLIII. **INVESTIGATION OF VOLTAMMETRIC BEHAVIOR AND ELECTROANALYTICAL DETERMINATION OF ANTICANCER EPIRUBICIN VIA GLASSY CARBON ELECTRODE USING DIFFERENTIAL PULSE AND SQUARE WAVE VOLTAMMETRY TECHNIQUES**
Kurbanoğlu S., Bozal Palabıyık B., Gümüştas M., Uslu B., Özkan S. A.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.491-499, 2015 (SCI-Expanded)
- XLIV. **SELECTIVE AND SENSITIVE DETERMINATION OF REPAGLINIDE IN PHARMACEUTICALS BY VOLTAMMETRIC AND LC METHODS**
Gümüştas M., Coskun G., Özkan S. A.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.477-490, 2015 (SCI-Expanded)
- XLV. **QUANTITATIVE DETERMINATION OF ISOCONAZOLE NITRATE AND DIFLUCORTOLONE VALERATE IN PHARMACEUTICAL CREAMS BY UPLC, HPLC AND IMPROVED DERIVATIVE UV SPECTROPHOTOMETRY**
Ozen G., Gümüştas M., Şatana Kara H. E., Günden Göğeri N., Uslu B., Özkan S. A.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.527-535, 2015 (SCI-Expanded)
- XLVI. **Comparative Study for the Determination of Gemifloxacin by HPLC and Microbiological Methods**

from Pharmaceutical Preparations and Biological Samples

Kiymaci M. E., Gumustas A., Gümüştas M., Akin A., Özkan S. A.

CURRENT PHARMACEUTICAL ANALYSIS, vol.11, no.3, pp.193-200, 2015 (SCI-Expanded)

XLVII. Validated Stability-Indicating HPLC and UPLC Assay Methods for the Determination of Entacapone in Pharmaceutical Dosage Forms

Gümüştas M., Uslu B., Özkan S. A., Aboul-Enein H. Y.

CHROMATOGRAPHIA, vol.77, no.23-24, pp.1721-1726, 2014 (SCI-Expanded)

XLVIII. Simultaneous determination and validation of some binary mixtures of antihypertensive drugs using ratio derivative spectrophotometric method

Kurbanoglu S., Gümüştas M., Özkan S. A.

JOURNAL OF ANALYTICAL CHEMISTRY, vol.69, no.10, pp.935-941, 2014 (SCI-Expanded)

XLIX. Dynamic computer simulation of electrophoretic enantiomer migration order and separation in presence of a neutral cyclodextrin

Thormann W., Chankvetadze L., Gümüştas M., Chankvetadze B.

ELECTROPHORESIS, vol.35, no.19, pp.2833-2841, 2014 (SCI-Expanded)

L. Optimization of a validated stability-indicating RP-LC method for the determination of fulvestrant from polymeric based nanoparticle systems, drugs and biological samples

Gümüştas M., Şengel Türk C. T., Hasçıçek C., Özkan S. A.

BIOMEDICAL CHROMATOGRAPHY, vol.28, no.10, pp.1409-1417, 2014 (SCI-Expanded)

LI. DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-LC METHOD FOR THE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS

Kurbanoglu S., Bozal Palabiyik B., Gümüştas M., Şanlı S., Uslu B., Özkan S. A.

JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.37, no.11, pp.1583-1596, 2014 (SCI-Expanded)

LII. Preparation and Characterization of Chitosan-Based Spray-Dried Microparticles for the Delivery of Clindamycin Phosphate to Periodontal Pockets

Kılıçarslan M., Gümüştas M., Yildiz S., Baykara T.

CURRENT DRUG DELIVERY, vol.11, no.1, pp.98-111, 2014 (SCI-Expanded)

LIII. Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization

Süzen S., Tekiner-Gulbas B., Shirinzadeh H., Uslu D., Güreer Orhan H., Gümüştas M., Özkan S. A.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.6, pp.1143-1155, 2013 (SCI-Expanded)

LIV. Determination and detailed mechanism study of antiviral drug fosamprenavir using carbon paste electrode in the presence of Triton X-100

Ashrafi A. M., Gümüştas M., Vytras K., Nematollahi D., Uslu B., Mikysek T., Jirasko R., Özkan S. A.

ELECTROCHIMICA ACTA, vol.109, pp.381-388, 2013 (SCI-Expanded)

LV. VALIDATED ELECTROANALYTICAL AND RP-LC ASSAY OF ERTAPENEM IN ITS PHARMACEUTICAL DOSAGE FORM

Gümüştas M., Karadas N., Özkan S. A.

REVUE ROUMAINE DE CHIMIE, vol.58, no.7-8, pp.679-690, 2013 (SCI-Expanded)

LVI. ELECTROCHEMICAL APPROACH FOR THE SENSITIVE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS IN THE PRESENCE OF ANIONIC SURFACTANT

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TOK K. C., GÜMÜŞTAŞ M., KAKAVA R., CHANKVETADZE B.
10th Annual Symposium on Physical and Analytical Chemistry at Tbilisi State University, Tbilisi, Georgia, 3 - 04 January 2020
- XLVIII. **RECENT STUDIES ON THE DEVELOPMENT OF ANALYTICAL METHODS BOTH ACHIRAL AND CHIRAL SEPARATIONS**
GÜMÜŞTAŞ M., EŞİM Ö., HASÇIÇEK C., ÖZKAN S. A., Leselier E., West C., Chankvetadze B.
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- XLIX. **Separation of brombuterol enantiomers in capillary electrophoresis with cyclodextrin type chiral selectors and investigation of structure of selector-selectand complexes using nuclear magnetic resonance spectroscopy**
Chankvetadze L., Gogolashvili A., GÜMÜŞTAŞ M., ÖZKAN S. A., Salgado A., Chankvetadze B.
Euroanalysis 2019, 1 - 05 September 2019
- L. **Efficient Extraction Method for Simultaneous Determination of Bisphenols and Phthalates in Meconium Specimens Using GC-MS**
Tok K. C., Gümüştas M., Mohamed K. M., Arsan S., Gürbüz A., Süzen H. S.
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- LI. **Comparison of fully porous silica and superficially porous silica particles for chromatographic resolution of enantiomers by supercritical fluid chromatography**
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- LII. **The Role and the Benefits of Core-Shell Silica Particles in HPLC**
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1st International Congress on Analytical and Bioanalytical Chemistry (1st ICABC 2019), Antalya, Turkey, 27 - 30 March 2019
- LIII. **Rapid Determination of Clozapine and Main Metabolite by High Performance Liquid Chromatography**

TOK K. C., ÖZDEMİR F., GÜMÜŞTAŞ M., SÜZEN H. S.

1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Turkey, 27 - 30 March 2019

- LIV. **THE EFFECT OF SUPERFICIALLY POROUS SILICA PARTICLES AS COLUMN PACKING MATERIALS FOR THE ANALYSIS OF ACTIVE PHARMACEUTICAL INGREDIENTS VIA LIQUID CHROMATOGRAPHY**
GÜMÜŞTAŞ M.
9th Annual Symposium on Physical and Analytical Chemistry at Tbilisi State University, 4 - 05 January 2019
- LV. **Simultaneous Estimation of Valsartan, Amlodipine, and Hydrochlorothiazide from their Pharmaceutical Preparation**
ÖZKAN S. A., Nemlioğlu T., GÜMÜŞTAŞ M.
11th International Symposium on Drug Analysis and the 29th International Symposium on Pharmaceutical and Biomedical Analysis, Leuven, Belgium, 9 - 12 September 2018
- LVI. **Development And Validation Of A Selective HPLC Method For The Determination Of S-Adenosyl L-Methionine Isomers From Rat Plasma**
ERGİN A. D., GÜMÜŞTAŞ M., ÖZKAN S. A., ÖZÇELİKAY A. T., YÜKSEL N.
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- LVII. **Analytical Method Development and Validation For Simultaneous Determination of Carboplatine and Decitabine by Using HPLC**
EŞİM Ö., GÜMÜŞTAŞ M., HASÇİÇEK C., ÖZKAN S. A.
19th International Pharmaceutical Technology Symposium (IPTS-19), Antalya, Turkey, 17 - 19 September 2018
- LVIII. **Evaluation Of Chiral Stationary Phases Prepared By Covalent Immobilization Of Cellulose 3,5-Dichlorophenylcarbamate On Core-Shell Silica**
Bezhitashvili L., Bardavelidze A., Kakava R., GÜMÜŞTAŞ M., ÖZKAN S. A.
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- LIX. **Development and validation of a HILIC method for simultaneous determination of carboplatin and decitabine**
EŞİM Ö., GÜMÜŞTAŞ M., HASÇİÇEK C., ÖZKAN S. A.
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- LX. **Separation Of Enantiomers Of Novel Chiral Pyrazoline Derivatives In Hplc With Polysaccharide Based Chiral Columns By Using Polar Organic Mobile Phases**
GÜMÜŞTAŞ M., Bezhitashvili L., GÖKHAN KELEKÇİ N., ÖZKAN S. A., Chankvetadze B.
12th International Symposium on Pharmaceutical Sciences, (ISOPS12), Ankara, Turkey, 26 - 29 June 2018
- LXI. **Comparison Between Liquid Chromatography And Ratio Derivative Spectrophotometry For The Simultaneous Determination of Perindopril, Indapamide, and Amlodipine Ternary Mixtures**
KARADURMUŞ L., GÜMÜŞTAŞ M., KURBANOĞLU S., ÖZKAN S. A., USLU B.
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 June 2018
- LXII. **ENANTIOSEPARATION OF KETOCONAZOLE ANTIFUNGAL DRUG USING CAPILLARY ELECTROPHORESIS**
Bounoua N., Sekkoum K., GÜMÜŞTAŞ M., Belboukhari N., ÖZKAN S. A.
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- LXIII. **Stability-indicating HILIC method for the determination of some antivirals from their pharmaceutical dosage forms**
ERKMEN C., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
12th International Symposium on Pharmaceutical Sciences (ISOPS12), 26 - 29 June 2018
- LXIV. **Determination of lactic acid content of a lactic acid bacterium by high performance liquid chromatography**
KIYMACI M. E., GÜMÜŞTAŞ M., ALTANLAR N., AKIN A., ZENCİROĞLU A., ÖZKAN S. A.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- LXV. **Simultaneous Estimation of Olmesartan, Amlodipine, and Hydrochlorothiazide in Their Ternary Mixture by HPLC**
ÖZKAN S. A., Nemlioğlu T., GÜMÜŞTAŞ M.
8th Black Sea Basin Analytical Chemistry (8th BBCAC), İstanbul, Turkey, 9 - 11 May 2018

- LXVI. **Enantioseparation of novel chiral pyrazolines in HPLC by using methanol as a mobile phase**
Bezhitashvili L., GÜMÜŞTAŞ M., GÖKHAN KELEKÇİ N., ÖZKAN S. A., Chankvetadze B.
8th Black Sea Basin Analytical Chemistry (8th BBCAC), İstanbul, Turkey, 9 - 11 May 2018
- LXVII. **Separation of enantiomers of the novel chiral pyrazoline derivatives in HPLC via polysaccharide based chiral selectors and acetonitrile as mobile phase**
GÜMÜŞTAŞ M., Bezhitashvili L., GÖKHAN KELEKÇİ N., ÖZKAN S. A., Chankvetadze B.
8th Black Sea Basin Analytical Chemistry (8th BBCAC), İstanbul, Turkey, 9 November - 11 May 2018
- LXVIII. **Laktik Asit Bakterilerinin Antimikrobiyal Aktiviteleri ve Laktik Asit Üretim Düzeyleri**
ÖZOĞLU Ö., GÜMÜŞTAŞ M., ÖZKAN S. A., GÜNEŞ ALTUNTAŞ E.
Gastronomi Zirvesi, Ankara, Turkey, 22 - 25 March 2018
- LXIX. **LAKTİK ASİT BAKTERİLERİNİN ANTİMİKROBİYAL AKTİVİTELERİ VELAKTİK ASİT ÜRETİM DÜZEYLERİ**
ÖZOĞLU Ö., GÜMÜŞTAŞ M., ÖZKAN S. A., GÜNEŞ ATUNTAŞ E.
Gastronomi Kongresi 2018, Turkey, 22 - 25 March 2018
- LXX. **Validation of HPLC Methods for the Analysis of Nanoparticle Based Drug Delivery Systems**
GÜMÜŞTAŞ M., AMASYA G., ŞENGEL TÜRK C. T., BADILLI F. U., TARIMCI M. N., ÖZKAN S. A.
8-th Annual Symposium on Physical and Analytical Chemistry (8th ASPAC), Tiflis, Georgia, 28 - 29 December 2017
- LXXI. **Validation of HPLC Method for the Analysis of Nanoparticle Based Drug Delivery Systems**
GÜMÜŞTAŞ M., AMASYA G., ŞENGEL TÜRK C. T., BADILLI F. U., TARIMCI M. N., ÖZKAN S. A.
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- LXXII. **Validation of a HILIC Method for the Analysis of 5-Fluorouracil Loaded Lipid Nanoparticles and Application to In Vitro and Ex Vivo Tests**
GÜMÜŞTAŞ M., AMASYA G., BADILLI F. U., ÖZKAN S. A., TARIMCI M. N.
East West Chemistry Conference, 12 - 14 October 2017
- LXXIII. **Bazı antifungallerin enantiyomerlerinin kovalent olarak immobilize edilmiş polisakkarit temelli kiral seçiciler ve polar organik hareketli faz kullanarak HPLC ile ayrılması**
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- LXXIV. **Simultaneous Determination of Perindopril, Indapamide and Amlodipine in Pharmaceutical Dosage form by HPLC**
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Euroanalysis 2017, 28 August - 01 September 2017
- LXXV. **Simultaneous Determination of Perindopril, Indapamide and Amlodipine Ternary Mixtures Using Ratio Derivative Spectrophotometric Method**
KARADURMUŞ L., KURBANOĞLU S., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
28th Pharmaceutical and Biomedical Analysis Conference (PBA 2017), 2 - 05 July 2017
- LXXVI. **HPLC SEPARATION OF ENANTIOMERS OF SOME ANTIFUNGALS USING COVALENTLY IMMOBILIZED POLYSACCHARIDE-BASED CHIRAL SELECTORS AND POLAR ORGANIC MOBILE PHASES**
GÜMÜŞTAŞ M., Nadia B., Khaled S., Belboukhari N., ÖZKAN S. A., Bezhan C.
27 th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2017), Madrid, Spain, 2 - 05 July 2017
- LXXVII. **Optimization and validation of HPLC method for the determination of 5-fluorouracil from lipid nanoparticles and rat skin extracts**
AMASYA G., GÜMÜŞTAŞ M., BADILLI F. U., TARIMCI M. N., ÖZKAN S. A.
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- LXXVIII. **A VALIDATED VOLTAMMETRIC ASSAY FOR SIMULTANEOUS DETECTION OF AMLODIPINE BESYLATE AND ROSUVASTATIN CALCIUM IN BINARY MIXTURES**
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- LXXIX. **Optimization and validation of HPLC method for the determination of 5-Fluorouracil from lipid nanoparticles and rat skin extracts**
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28th International Symposium on Pharmaceutical and Biomedical Analysis, Madrid, Spain, 2 - 05 July 2017

- LXXX. **Development Sensitive and Selective HPLC Method for the Separation and Validation of Enantiomers of Miconazole**
Bounoua N., GÜMÜŞTAŞ M., Sekkoum K., Belboukhari N., Cheriti A., ÖZKAN S. A., Bezhan C.
IVEK 3 International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- LXXXI. **DEVELOPMENT OF FULLY VALIDATED HPLC METHOD FOR THE DETERMINATION OF ETOPOSIDE FROM COMMERCIAL DOSAGE FORM AND POLYMERIC TUBULAR NANOCARRIERS**
KARATAŞ A., ALGAN A. H., GÜMÜŞTAŞ M., ÖZKAN S. A.
2nd European Conference on Pharmaceutics, Krakow, Poland, 3 - 04 April 2017
- LXXXII. **HPLC separation of enantiomers of some beta-agonists by using polysaccharide-based chiral columns**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
7 th Annual Symposium on Physical and Analytical Chemistry, Tbilisi, Georgia, 27 November 2016
- LXXXIII. **Separation of enantiomers of some beta-agonists by using polysaccharide-based chiral columns**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
7 th Annual Symposium on Physical and Analytical Chemistry, Tiflis, Georgia, 28 - 29 November 2016
- LXXXIV. **ENANTIOMERIC SEPARATION OF BETA ADRENERGIC AGONISTS BY HPLC WITH POLYSACCHARIDE BASED CHIRAL COLUMNS USING VARIOUS MOBILE PHASES**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
27th International Symposium on Pharmaceutical and Biomedical Analysis, Guangzhou, China, 13 - 16 November 2016
- LXXXV. **ANTIPROLIFERATIVE POTENTIAL OF NANOPARTICLE BASED DELIVERY SYSTEM OF FULVESTRANT ON MCF 7 HUMAN BREAST CANCER CELLS**
HASÇIÇEK C., ŞENGEL TÜRK C. T., BAKAR F., EVCİMEN N., GÜMÜŞTAŞ M., ÖZKAN S. A., SAVAŞER A., ÖZKAN Y.
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- LXXXVI. **The Role of HILIC Separation for the simultaneous determination of some antivirals**
erkmen c., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
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- LXXXVII. **Enantiometric Separation of Beta Adrenergic Agonists by HPLC with polysaccharide based chiral columns using various mobile phases**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
27th International Symposium on Pharmaceutical and Biomedical Analysis, 13 - 16 November 2016
- LXXXVIII. **Separation of Enantiomers of Butoxamine Using Polysaccharide Based Chiral Columns with Emphasis on Enantiomer Elution Order**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
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- LXXXIX. **Simultaneous Estimation of Irbesartan and Hydrochlorothiazide in Their Binary Mixture by HPLC and UPLC**
GÜMÜŞTAŞ M., ÖZGÜR D., ÖZKAN S. A.
10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016
- XC. **Tenofovir'in farmasötik dozaj şekillerinden analizi için UV spektrofotometrik yöntem geliştirilmesi**
İşbilir I., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 03 June 2016
- XCI. **Valgansiklovir'in UV spektrofotometrik yöntemle analizi ve validasyonu**
konuralp h., memiş h., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- XCII. **Entekapon'un farmasötik dozaj formundan UV spektrofotometrik tayini**
memiş h., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- XCIII. **Oseltamivir'in farmasötik dozaj şekillerinden tayininde core-shell parçacıkların etkisi**
erkmen c., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.

- 8.Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- XCIV. Dutasterit ve Tamsulosin'in eş zamanlı kromatografik analizi**
Barut B. B., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
8.Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- XCv. Tenofovir'in farmasötik dozaj şekillerinden analizi için UV sspektrofotometrik yöntem geliştirilmesi**
İşbilir İ., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- XCvI. İrbesartan ve Hidroklorotiyazidin Ypsk ve Upsk ile Eş Zamanlı Analizi**
Boğaç Buğra B., Gümüşttaş A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 02 June 2016
- XCvII. Ritodrin Enantiyomerlerinin Ayrımı için Ypsk Yöntemi Geliştirilmesi**
Boğaç Buğra B., Gümüşttaş A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
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- XCvIII. Tenofovirin Farmasötik Dozaj Şeklinden Analizi için UV Spektrofotometrik Yöntem Geliştirilmesi**
Boğaç Buğra B., Gümüşttaş A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
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- XCIX. Entakapon'un Farmasötik Dozaj Formundan UV Spektrofotometrik Tayini**
Boğaç Buğra B., Gümüşttaş A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 02 June 2016
- C. Antihipertansif Enalapril, Lerkanidipin, Nitrendipin in TF-SK ile Es Zamanlı Tayin Yöntemleri ve Validasyonu**
KURBANOĞLU S., GÜMÜŞTAŞ M., ÖZKAN S. A.
15. Ulusal Kromatografi Kongresi (Kromatografi 2015), Turkey, 8 - 10 April 2015
- CI. 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 October 2015
- CII. The effect of core shell particles on chromatographic determination and optimization of dutasteride and tamsulosin**
USLU B., GÜMÜŞTAŞ A., GÜMÜŞTAŞ M., BARUT B. B., ÖZKAN S. A.
43rd Symposium of HPLC and related techniques (HPLC 2015), 21 - 25 September 2015
- CIII. Optimization of sensitive and selective RP LC method for the determination of etofenamate from rat skin**
AMASYA G., GÜMÜŞTAŞ M., ŞENGEL TÜRK C. T., BADİLLİ U., ÖZKAN S. A., TARIMCI M. N.
The European Conference on Analytical Chemistry 18, Euroanalysis 2015, 6 - 10 September 2015
- CIV. Separation the enantiomers of selected chiral agonists derivatives from the viewpoint of high performance liquid chromatography and capillary electrophoresis**
GÜMÜŞTAŞ M., ÖZKAN S. A., BEZHAN C.
26-th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), 5 - 08 July 2015
- CV. 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 July 2015
- CVI. Optimization and validation of a RP LC method for the sensitive determination of antazoline and tetrahydrozoline**
GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
26-th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), 5 - 08 July 2015
- CVII. 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 June 2015
- CVIII. Rhamnolipid production by pseudomonas spp In pulps**
KAŞKATEPE B., YILDIZ S., GÜMÜŞTAŞ M., ÖZKAN S. A.
11th International Symposium on Pharmaceutical Sciences (ISOPS 2015), 9 - 12 June 2015
- CIX. Evaluation of in vitro antimicrobial efficacy of some new generation disinfectants (P 416)**
ERYILMAZ M., KAŞKATEPE B., BOZKURT M. E., EROL H. B., ŞİMŞEK D., GÜMÜŞTAŞ M.
ISOPS 11, 9 - 12 June 2015
- CX. Fulvestrantin Ters Faz Sıvı Kromatografik Yöntemle Biyolojik Sıvılar ve Polimerik Bazlı Nanopartiküllerden Analizi**
GÜMÜŞTAŞ M., ŞENGEL TÜRK C. T., HASÇİÇEK C., ÖZKAN S. A., BAKAR ATEŞ F., EVCİMEN N., SAVAŞER A., ÖZKAN Y.
15. Ulusal Kromatografi Kongresi (Kromatografi 2015), Turkey, 8 - 10 April 2015
- CXI. Comparative capillary electrophoresis and HPLC separation of enantiomers of selected chiral Agonists**
GÜMÜŞTAŞ M., ÖZKAN S. A., CHANKVETADZE B.
31 st International Symposium on Micro Scale Bioseparations (MSB 2015), 26 - 29 April 2015
- CXII. Antihipertansif Enalapril Lerkanidipin Nitrendipin in TF SK İle Eş Zamanlı Tayin Yöntemleri Ve Validasyonu**
KURBANOĞLU S., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
15. Ulusal Kromatografi Kongresi, Turkey, 8 - 10 April 2015
- CXIII. Fulvestrantin Ters Faz Sıvı Kromatografik Yöntemle Biyolojik Sıvılar ve Polimerik Bazlı Nanopartiküllerden Analizi**
GÜMÜŞTAŞ M., ŞENGEL TÜRK C. T., HASÇİÇEK C., ÖZKAN S. A., BAKAR F., EVCİMEN N., SAVAŞER A., ÖZKAN Y.
15. Ulusal Kromatografi Kongresi (Kromatografi 2015), Turkey, 8 - 10 April 2015
- CXIV. Fulvestrant in Ters Faz Sıvı Kromatografik Yöntemle Biyolojik Sıvılar ve Polimerik Bazlı Nanopartiküllerden Analizi**
GÜMÜŞTAŞ M., ŞENGEL TÜRK C. T., HASÇİÇEK C., ÖZKAN S. A., BAKAR F., EVCİMEN N., savaşer a., ÖZKAN Y.
15.Ulusal Kromatografi Kongresi Uşak Üniversitesi Mühendislik Fakültesi Gıda Mühendisliği Bölümü, AFYON, Turkey, 8 - 10 April 2015
- CXV. Separation of enantiomers of chiral beta-agonists in capillary electrophoresis and high performance liquid chromatography**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
4th Annual Symposium on Physical and Analytical Chemistry, Tbilisi, Georgia, 29 - 30 December 2014
- CXVI. Hastane Enfeksiyonu Etkeni Pseudomonas Aeruginosa Suş larında Biyosüpfaktan Üretimi**
KAŞKATEPE B., YILDIZ S., GÜMÜŞTAŞ M., ÖZKAN S. A.
36. Türk Mikrobiyoloji Kongresi, Turkey, 12 - 16 November 2014
- CXVII. A comparative determination study of repaglinide by HPLC, UPLC and electrochemical methods**
Abbasoğlu G. C., GÜMÜŞTAŞ M., ÖZKAN S. A.
2nd International Conference On Analytical Chemistry Ro-Icac 2014, Targovishte, Bulgaria, 17 - 21 September 2014
- CXVIII. Comparative study for the determination of Gemifloxacin by HPLC and microbiological methods from pharmaceutical preparations and biological samples**
Gümüştaş A., KIYMACI M. E., GÜMÜŞTAŞ M., Akn A., ÖZKAN S. A.
2nd International Conference On Analytical Chemistry Ro-Icac 2014, Targovishte, Bulgaria, 17 - 21 September 2014
- CXIX. Separation of chiral β -agonist derivative enantiomers using High Performance Liquid Chromatography**
GÜMÜŞTAŞ M., ÖZKAN S. A., Chankvetadze B.
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014
- CXX. Comparative study for the determination of gemifloxacin by HPLC and microbiological methods from pharmaceutical preparations and biological samples**
gümüştaş a., KIYMACI M. E., GÜMÜŞTAŞ M., Akn A., ÖZKAN S. A.

- 2 nd International Conference on Analytical Chemistry RO-ICAC 2014, Targovishte, Bulgaria, 17 - 21 September 2014
- CXXI. **A comparative determination study of repaglinide by HPLC, UPLC and electrochemical method**
Coşkun Abbasoğlu G., GÜMÜŞTAŞ M., ÖZKAN S. A.
2 nd International Conference on Analytical Chemistry RO-ICAC 2014, Targovishte, Bulgaria, 17 - 21 September 2014
- CXXII. **Fabrication Of Fulvestrant Loaded Modified Released Nanoparticles: Effect Of Copolymer Molecular Weight On Particle Characteristics**
HASÇIÇEK C., ŞENGEL TÜRK C. T., BAKAR F., EVCİMEN N., GÜMÜŞTAŞ M., ÖZKAN S. A.
4 Th International Meeting On Pharmacy Pharmaceutical Sciences (Impps-4), 18 - 21 September 2014
- CXXIII. **A Comparative Determination Study Of Repaglinide By Hplc, Uplc And Electrochemical Methods.**
Abbasoğlu G. C., GÜMÜŞTAŞ M., ÖZKAN S. A.
2nd International Conference On Analytical Chemistry, 17 - 21 September 2014
- CXXIV. **Comparative Study For The Determination Of Gemifloxacin By Hplc And Microbiological Methods From Pharmaceutical Preparations And Biological Samples.**
GÜMÜŞTAŞ A., BOZKURT EYLÜL M., GÜMÜŞTAŞ M., AKIN A., ÖZKAN S. A.
2 nd International Conference On Analytical Chemistry, 17 - 21 September 2014
- CXXV. **Fulvestrant Loaded Plga Nanoparticles: Influence Of Polymer Copolymer Composition On In-Vitro Properties And Anti-Proliferative Potencies Against MCF-7 Breast Cancer Cells**
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JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, August 2023
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SYMMETRY-BASEL, SCI Journal, December 2021
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, December 2021
MOLECULES, SCI Journal, December 2021
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, December 2021
TALANTA, SCI Journal, November 2021
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, September 2021

Tasks In Event Organizations

Gümüştaş M., 2nd Green and Sustainable Analytical Chemistry Conference (GSAC2024), Scientific Congress, Hania, Greece, Eylül 2024
Gümüştaş M., 3rd European Sample Preparation Conference (EuSP2024), Scientific Congress, Hania, Greece, Eylül 2024
Gümüştaş M., Tok K. C., 12th Annual Symposium on Physical and Analytical Chemistry (ASPAC 2023) , Scientific Congress, Tbilisi, Georgia, Aralık 2023
Gümüştaş M., III. INTERNATIONAL SECURITY CONGRESS (Criminalistics and Criminology), Scientific Congress, Ankara, Turkey, Eylül 2023
Gümüştaş M., ANATOLIA International Congress on Health Sciences and Technologies Research, Scientific Congress, Ankara, Turkey, Eylül 2023
Gümüştaş M., 60th The International Association of Forensic Toxicologists (TIAFT) 2023, Scientific Congress, Rome, Italy, Ağustos 2023
Gümüştaş M., Tok K. C., Uslu B., 33. International Symposium on Pharmaceutical and Biomedical Analysis, Scientific Congress, Ankara, Turkey, Temmuz 2023
Gümüştaş M., CURRENT RESEARCH TOPICS IN PHARMACY: Pharmacology Debates, Scientific Congress, Turkey, Nisan 2023
Gümüştaş M., SAKA O. M., CURRENT RESEARCH TOPICS IN PHARMACY: Therapeutic Drug Monitoring, Scientific Congress, Turkey, Mart 2023
Gümüştaş M., SAKA O. M., CURRENT RESEARCH TOPICS IN PHARMACY: Drug Delivery, Scientific Congress, Turkey, Şubat 2023
Gümüştaş M., SAKA O. M., CURRENT RESEARCH TOPICS IN PHARMACY: In silico Approaches for Drug Design and

Discovery, Scientific Congress, Turkey, Ocak 2023

Tok K. C., Gümüřtař M., 11th Annual Symposium on Physical and Analytical Chemistry (ASPAC 2022), Scientific Congress, Tbilisi, Georgia, Aralık 2022

Gümüřtař M., ÜNAL M. A., 5th International Congress on Biosensors, Scientific Congress, Çanakkale, Turkey, Eylül 2022

Gümüřtař M., 1st Green and Sustainable Analytical Chemistry, Scientific Congress, Greece, Mart 2022

Gümüřtař M., 2nd European Sample Preparation Conference, Scientific Congress, Greece, Mart 2022

Metrics

Publication: 259

Citation (WoS): 1279

Citation (Scopus): 1466

H-Index (WoS): 20

H-Index (Scopus): 22

Scholarships

French-Turkish scholarship Program, Official Institutions of Foreign Countries, 2018 - 2019

Mevlana Deęiřim Programı, YOK, 2014 - 2014

Awards

Tosunoęlu E., Avcı K., Tok K. C., Sevim B., Güneř Altuntař E., Süzen H. S., Gümüřtař M., Best 2nd Oral Presentation Award, American Chemical Society – Georgia International Chemical Science Association, December 2024

Bozmaoęlu C. H., Karasu T., Tok K. C., Uzun L., Gümüřtař M., The Best Poster Award, 3. European Sample Preparation Conference (Eusp2024), September 2024