

Prof. İSMAİL MURAT PALABIYIK

Personal Information

Web: <https://avesis.ankara.edu.tr/mpala>

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 2003 - 2008

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Turkey 2001 - 2003

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1995 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Dekstrometorfan hidrobromür içeren çoklu preparatlardaki etken maddelerin spektrofotometrik, kromatografik ve kapiler elektroforetik yöntemlerle miktar tayinleri, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2008

Postgraduate, Pseudoefedrin hidroklorür içeren farmasötik preparatlarda etken maddelerin kemometrik teknikler kullanılarak spektrofotometrik miktar tayinleri, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 2003

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2021 - Continues

Associate Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2014 - 2021

Research Assistant, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2002 - 2014

Courses

Uzmanlık Alan Dersi , Doctorate, 2022 - 2023

Seminer, Postgraduate, 2022 - 2023

Uzmanlık Alan Dersi , Postgraduate, 2022 - 2023

Tez Çalışması , Postgraduate, 2022 - 2023

Analitik Kimya II , Undergraduate, 2022 - 2023

Tez Çalışması , Doctorate, 2022 - 2023

Adli Bilimlerde Analitik Yöntemler , Postgraduate, 2022 - 2023
ANALYTICAL CHEMISTRY II , Undergraduate, 2022 - 2023
ANALYTICAL CHEMISTRY II PRACTICE , Undergraduate, 2022 - 2023
Adli Bilimlerde Spektroskopik Ve Kromatografik Yöntemler , Postgraduate, 2021 - 2022
Araştırma Projesi II , Undergraduate, 2021 - 2022
ANALYTICAL CHEMISTRY I , Undergraduate, 2022 - 2023
LABORATORY SAFETY , Undergraduate, 2021 - 2022
Atomik Spektroskopi , Postgraduate, 2022 - 2023, 2021 - 2022
Analitik Kimyada Hesaplamalar Ve Bilgisayar Kullanımı , Undergraduate, 2021 - 2022
Seminer, Doctorate, 2022 - 2023
KAPİLER ELEKTROFOREZ, Doctorate, 2021 - 2022
Yeterliğe Hazırlık Çalışması , Doctorate, 2022 - 2023
GENEL KİMYA II , Undergraduate, 2021 - 2022
Atomik Spektroskopi , Postgraduate, 2022 - 2023
Araştırma Projesi I , Undergraduate, 2022 - 2023
Laboratuvar Güvenliği , Undergraduate, 2021 - 2022
Kapiler Elektroferez , Doctorate, 2022 - 2023, 2021 - 2022
RESEARCH PROJECT II, Undergraduate, 2021 - 2022
UZMANLIK ALAN DERSİ , Doctorate, 2022 - 2023, 2021 - 2022
GENERAL CHEMISTRY II, Undergraduate, 2021 - 2022
Analitik Kimya Uygulama I , Undergraduate, 2022 - 2023
UZMANLIK ALAN DERSİ, Postgraduate, 2022 - 2023, 2021 - 2022
Analitik Kimya I , Undergraduate, 2022 - 2023
ANALYTICAL CHEMISTRY I PRACTICE , Undergraduate, 2022 - 2023
COMPUTER USAGE AND CALCULATION IN ANALYTICAL CHEMISTRY , Undergraduate, 2021 - 2022
Analitik Kimya Uygulama II , Undergraduate, 2021 - 2022
GENEL KİMYA I, Undergraduate, 2015 - 2016, 2014 - 2015
GENERAL CHEMISTRY I, Undergraduate, 2015 - 2016
ECZACILIKTA ANALİZ YÖNTEMLERİ PRATİK, Postgraduate, 2015 - 2016, 2014 - 2015
ANALİTİK VALİDASYON, Undergraduate, 2015 - 2016
BİYOLOJİK SİSTEMLERDE İLAÇ ETKİSİNİN FİZİKOKİMYASAL PRENSİPLERİ, Doctorate, 2015 - 2016, 2014 - 2015
ELEKTROFRETİK OLAYLAR, Postgraduate, 2015 - 2016, 2014 - 2015
ARAŞTIRMA PROJESİ TEORİK, Undergraduate, 2015 - 2016, 2014 - 2015
ARAŞTIRMA PROJESİ PRATİK, Undergraduate, 2015 - 2016, 2014 - 2015
ANALİTİK KİMYA I PRATİK, Undergraduate, 2015 - 2016, 2014 - 2015
ANALİTİK KİMYADA İLERİ KONULAR I, Doctorate, 2015 - 2016, 2014 - 2015
ALETLİ ANALİZ, Undergraduate, 2015 - 2016, 2014 - 2015
ECZACILIKTA ANALİZ YÖNTEMLERİ TEORİK, Postgraduate, 2014 - 2015
ANALİTİK KİMYA II PRATİK, Undergraduate, 2014 - 2015

Advising Theses

Palabıyık İ. M., TAZOBAKTAM VE PİPERASİLİNİN FARMASÖTİK PREPARATLARDA AYNI ANDA TAYİNLERİ İÇİN GELİŞTİRİLEN KEMOMETRİK YÖNTEMLERİN OPTİMİZASYONUNDA YÜZEY YANIT METOLODOJİSİ TEKNİĞİNİN KULLANILMASI, Postgraduate, Ö.Şahin(Student), Continues

Palabıyık İ. M., ÇOCUKLARDA GÖRÜLEN RENAL HİPOPLAZİ VE MULTİKİSTİK DİSPLASTİK BÖBREK HASTALIKLARININ GAZ KROMATOĞRAFİSİ – KÜTLE SPEKTROMETRİ VE SIVI KROMATOĞRAFİ – QTOF - KÜTLE SPEKTROMETRİ YÖNTEMLERİ KULLANILARAK METABOLOMİK ANALİZLERİ, Doctorate, B.Yemenici(Student), Continues

Palabıyık İ. M., Glipizid ve Pravastatin Moleküllerinin Duyarlı Analizleri için Mikroekstraksiyon Sonrası Kromatografik Yöntem Geliştirilmesi, Doctorate, Ü.POLAT(Student), Continues

Palabiyik İ. M., Endokrin bozucu ilaçların moleküler baskılama tekniği kullanılarak spektrofotometrik yöntem ile tayini, Doctorate, D.Şimşek(Student), Continues

Palabiyik İ. M., Endokrin bozucu fitoöstrojenlerin manyetik katı faz ve fabrik faz ekstraksiyonları kullanılarak zenginleştirilmesi ve ayırma yöntemleri ile tayini, Doctorate, G.Candar(Student), Continues

PALABIYIK İ. M., Amlodipin besilat ve irbesartanın farmasötik preparatlarda aynı anda tayinleri için geliştirilen kemometrik yöntemlerde çoklu metot optimizasyonu tekniklerinin kullanımı, Postgraduate, M.CAN(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Polyethylene glycol functionalized CuO/rGO nanocomposite based electrochemical sensor for ultra-sensitive electro-oxidation of bromoxynil in vegetables**
Buledi J. A., Batool M., Ameen S., Solangi A. R., Mallah A., Palaybik İ. M., Sherazi S. T. H., Ali S.
CHEMICAL PAPERS, vol.77, no.11, pp.7215-7223, 2023 (SCI-Expanded)
- II. **Physical properties and pharmacological applications of Co₃O₄, CuO, NiO and ZnO nanoparticles**
Junejo B., Solangi Q. A., Thani A. S. B., PALABIYIK İ. M., Ghumro T., Bano N., Solangi A. R., Taqvi S. I. H.
World Journal of Microbiology and Biotechnology, vol.39, no.8, 2023 (SCI-Expanded)
- III. **Pharmacological assessment of Co₃O₄, CuO, NiO and ZnO nanoparticles via antibacterial, anti-biofilm and anti-quorum sensing activities**
Junejo B., ERYILMAZ M., RIZVANOĞLU S. S., PALABIYIK İ. M., Ghumro T., Mallah A., Solangi A. R. R., Hyder S. I., Maleh H. K., Dragoi E. N.
WATER SCIENCE AND TECHNOLOGY, vol.87, no.11, pp.2840-2851, 2023 (SCI-Expanded)
- IV. **Electrochemical characterization of SnO₂/rGO nanostructure for selective quantification of captopril in real matrix**
Buledi J. A., Solangi A. R., Malah A., Memon S. Q., Mahar N., Ali S., Ghumro T., PALABIYIK İ. M.
Journal of Materials Research, vol.38, no.10, pp.2764-2774, 2023 (SCI-Expanded)
- V. **Design and in vitro/in vivo Evaluation of Polyelectrolyte Complex Nanoparticles Filled in Enteric-Coated Capsules for Oral Delivery of Insulin**
Arpaç B., DEVRİM GÖKBERK B., KÜÇÜKTÜRKMEN B., ÖZAKCA GÜNDÜZ I., PALABIYIK İ. M., BOZKIR A.
Journal of Pharmaceutical Sciences, vol.112, no.3, pp.718-730, 2023 (SCI-Expanded)
- VI. **Electrochemical quantification of mancozeb through tungsten oxide/ reduced graphene oxide nanocomposite: A potential method for environmental remediation**
Buledi J. A., Mahar N., Mallah A., Solangi A. R., PALABIYIK İ. M., Qambrani N., Karimi F., Vasseghian Y., Karimi-Maleh H.
FOOD AND CHEMICAL TOXICOLOGY, vol.161, 2022 (SCI-Expanded)
- VII. **Simultaneous Determination of Amlodipine and Irbesartan in Their Pharmaceutical Formulations by Square-Wave Voltammetry**
PALABIYIK İ. M., Dogan A., SÜSLÜ İ.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.25, no.2, pp.241-251, 2022 (SCI-Expanded)
- VIII. **Functional Co₃O₄ nanostructure-based electrochemical sensor for direct determination of ascorbic acid in pharmaceutical samples**
Khand N. H., PALABIYIK İ. M., Buledi J. A., Ameen S., Memon A. F., Ghumro T., Solangi A. R.
JOURNAL OF NANOSTRUCTURE IN CHEMISTRY, vol.11, no.3, pp.455-468, 2021 (SCI-Expanded)
- IX. **Exploring electrocatalytic proficiencies of CuO nanostructure for simultaneous determination of bentazone and mexacarbate pesticides**
Buledi J. A., Buledi P. A., Batool M., Solangi A. R., Mallah A., Ameen S., PALABIYIK İ. M., Maleh H. K.
APPLIED NANOSCIENCE, vol.11, no.6, pp.1889-1902, 2021 (SCI-Expanded)
- X. **Heterogeneous kinetics of CuO nanoflakes in simultaneous decolorization of Eosin Y and Rhodamine B in aqueous media**
Buledi J. A., Pato A. H., Kanhar A. H., Solangi A. R., Batool M., Ameen S., PALABIYIK İ. M.
APPLIED NANOSCIENCE, vol.11, no.4, pp.1241-1256, 2021 (SCI-Expanded)

- XI. **Equilibrium, Thermodynamic, and Density Functional Theory Modeling Studies for the Removal of Dichromate Ions from Wastewater Using Calix[4]arene Modified Silica Resin**
Junejo R., Jalbani N. S., Memon S., KAYA S., ERKAN S., SERDAROĞLU G., PALABIYIK İ. M.
JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.66, no.1, pp.379-388, 2021 (SCI-Expanded)
- XII. **Plant material protected cobalt oxide nanoparticles: Sensitive electro-catalyst for tramadol detection**
Memon S. A., Hassan D., Buledi J. A., Solangi A. R., Memon S. Q., PALABIYIK İ. M.
MICROCHEMICAL JOURNAL, vol.159, 2020 (SCI-Expanded)
- XIII. **Large Volume Sample Stacking (LVSS) in Capillary Electrophoresis (CE) with Response Surface Methodology (RSM) for the Determination of Phenolics in Food Samples**
Memon A. F., PALABIYIK İ. M., Solangi A. R., Memon S. Q., Mallah A. B.
ANALYTICAL LETTERS, vol.52, no.18, pp.2853-2867, 2019 (SCI-Expanded)
- XIV. **Molecular Identification and Antimicrobial Activity of Vaginal Lactobacillus sp**
ERYILMAZ M., GÜRPINAR S. S., PALABIYIK İ. M., Guriz H., GERÇEKER D.
CURRENT PHARMACEUTICAL BIOTECHNOLOGY, vol.19, no.15, pp.1241-1247, 2018 (SCI-Expanded)
- XV. **Bioanalytical LC/MS study of potential bacterial transglycosylation inhibitors**
Blanchaert B., PALABIYIK İ. M., GÖKBULUT A., Wang M., Dai Z., Wei F., Ma S., Adams E., Van Schepdael A.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.127, pp.123-128, 2016 (SCI-Expanded)
- XVI. **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, vol.15, no.3, pp.336-344, 2015 (SCI-Expanded)
- XVII. **Gold nanoparticle conjugated lignan derivatives inhibited the proliferation of MCF-7 human breast cancer cells**
Bakar F., Caglayan G., Onur F., Nebioglu S., Palabiyik İ. M.
EUROPEAN JOURNAL OF CANCER, vol.50, 2014 (SCI-Expanded)
- XVIII. **First derivative spectrophotometric determination of cefixime and cefdinir in pharmaceutical preparations Sefdinir ve sefiksim'in farmasötik preparatlarda birinci tiyev spektrofotometrik tayini**
Baş E., Özdem S., ÇAĞLAYAN M. G., PALABIYIK İ. M., Onur F.
Turkish Journal of Pharmaceutical Sciences, vol.10, no.3, pp.321-328, 2013 (SCI-Expanded)
- XIX. **Multivariate Optimization Model in a Partial Least Squares-1 Method for Simultaneous Determination of Dorzolamide Hydrochloride and Timolol Maleate in Eye Drops**
PALABIYIK İ. M., Goker E., ÇAĞLAYAN M. G., Onur F.
CURRENT PHARMACEUTICAL ANALYSIS, vol.9, no.4, pp.404-412, 2013 (SCI-Expanded)
- XX. **Multivariate Optimization of Separation Conditions for Simultaneous Determination of Acemetacin and Chlorzoxazone in a Pharmaceutical Preparation by HPLC Using Response Surface Methodology**
Aybaba C., PALABIYIK İ. M., ÇAĞLAYAN M. G., Onur F.
JOURNAL OF AOAC INTERNATIONAL, vol.96, no.4, pp.723-729, 2013 (SCI-Expanded)
- XXI. **Hypochlorous Acid - Analytical Methods and Antimicrobial Activity**
ERYILMAZ M., PALABIYIK İ. M.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.12, no.1, pp.123-126, 2013 (SCI-Expanded)
- XXII. **STABILITY-INDICATING MICELLAR ELEKTROKINETIC CHROMATOGRAPHY METHOD FOR DETERMINATION OF FINASTERIDE IN PHARMACEUTICAL PREPARATIONS**
ÇAĞLAYAN M. G., PALABIYIK İ. M., Onur F.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.36, no.6, pp.781-791, 2013 (SCI-Expanded)
- XXIII. **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**
PALABIYIK İ. M., ÇAĞLAYAN M. G., Onur F.
REVIEWS IN ANALYTICAL CHEMISTRY, vol.31, no.2, pp.107-112, 2012 (SCI-Expanded)
- XXIV. **Simultaneous spectrophotometric and liquid chromatographic determination of dextromethorphan**

hydrobromide, phenylephrine hydrochloride, and carbinoxamine maleate in pharmaceutical preparations

PALABIYIK İ. M., Onur F.

Journal of Analytical Chemistry, vol.67, no.1, pp.56-63, 2012 (SCI-Expanded)

- XXV. **Spectrophotometric methods for determination of quetiapine hemifumarate in pharmaceutical preparations using bromcresol purple and bromcresol green Ketiapin hemifumarat'ın bromkrezol moru ve bromkrezol yeşili kullanılarak farmasotik preparatlarda tayini için spektrofotometrik yöntemler**
Aybaba Ç., ÇAĞLAYAN M. G., PALABIYIK İ. M., Onur F.
Turkish Journal of Pharmaceutical Sciences, vol.9, no.3, pp.301-310, 2012 (SCI-Expanded)
- XXVI. **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., PALABIYIK İ. M., Bor M., Onur F.
CHEMICAL PAPERS, vol.65, no.6, pp.754-760, 2011 (SCI-Expanded)
- XXVII. **Optimization of the experimental conditions for macrolide antibiotics in high performance liquid chromatography by using response surface methodology and determination of tylosin in milk samples**
Şanlı S., PALABIYIK İ. M., Şanlı N., Guzel-Seydim Z. B., Alsancak G.
Journal of Analytical Chemistry, vol.66, no.9, pp.838-847, 2011 (SCI-Expanded)
- XXVIII. **Multivariate Optimization and Validation of a CE method for Simultaneous Analysis of Dorzolamide Hydrochloride and Timolol Maleate in Ophthalmic Solution**
PALABIYIK İ. M., ÇAĞLAYAN M. G., Onur F.
CHROMATOGRAPHIA, vol.73, no.5-6, pp.541-548, 2011 (SCI-Expanded)
- XXIX. **Liquid Chromatographic and Spectrophotometric Determination of Diflucortolone Valerate and Isoconazole Nitrate in Creams**
Karacan E., ÇAĞLAYAN M. G., PALABIYIK İ. M., Onur F.
JOURNAL OF AOAC INTERNATIONAL, vol.94, no.1, pp.128-135, 2011 (SCI-Expanded)
- XXX. **Chemometric methods for simultaneous quantification of lactic, malic and fumaric acids**
Sokullu E., PALABIYIK İ. M., Onur F., BOYACI İ. H.
Engineering in Life Sciences, vol.10, no.4, pp.297-303, 2010 (SCI-Expanded)
- XXXI. **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., PALABIYIK İ. M., Onur F.
JOURNAL OF AOAC INTERNATIONAL, vol.93, no.3, pp.862-868, 2010 (SCI-Expanded)
- XXXII. **Multivariate optimization and validation of a capillary electrophoresis method for the simultaneous determination of dextromethorphan hydrobromur, phenylephrine hydrochloride, paracetamol and chlorpheniramine maleate in a pharmaceutical preparation using response surface methodology**
PALABIYIK İ. M., Onur F.
Analytical Sciences, vol.26, no.8, pp.853-859, 2010 (SCI-Expanded)
- XXXIII. **Evaluation of two approaches to characterise liquid chromatographic columns using pharmaceutical separations**
Dragovic S., Haghedooren E., Németh T., Palabiyik İ. M., Hoogmartens J., Adams E.
Journal of Chromatography A, vol.1216, no.15, pp.3210-3216, 2009 (SCI-Expanded)
- XXXIV. **Spectrophotometric and high performance liquid chromatographic determination of fexofenadine hydrochloride in pharmaceutical formulations**
Kozan I., PALABIYIK İ. M., Karacan E., Onur F.
Turkish Journal of Pharmaceutical Sciences, vol.5, no.3, pp.175-189, 2008 (SCI-Expanded)
- XXXV. **Spectrophotometric determination of amoxicillin in pharmaceutical formulations**
Ünal K., PALABIYIK İ. M., Karacan E., Onur F.
Turkish Journal of Pharmaceutical Sciences, vol.5, no.1, pp.1-15, 2008 (SCI-Expanded)

- XXXVI. **Simultaneous spectrophotometry determination of pseudoephedrine sulfate and dexbrompheniramine maleate in pharmaceutical preparations using partial least squares regression, principal component regression and artificial neural networks**
PALABIYIK İ. M., Onur F.
Chemia Analityczna, vol.53, no.3, pp.401-416, 2008 (SCI-Expanded)
- XXXVII. **Simultaneous spectrophotometric determination of ezetimibe and simvastatin in pharmaceutical preparations using chemometric techniques**
PALABIYIK İ. M., Onur F., Yardimci C., ÖZALTIN N.
QUIMICA NOVA, vol.31, no.5, pp.1121-1124, 2008 (SCI-Expanded)
- XXXVIII. **Simultaneous spectrophotometric determination of pseudoephedrine sulfate and dexbrompheniramine maleate in pharmaceutical preparations using partial least squares regression, principal component regression and artificial neural networks**
PALABIYIK İ. M., Onur F.
CHEMIA ANALITYCZNA, vol.53, no.3, pp.401-416, 2008 (SCI-Expanded)
- XXXIX. **The simultaneous determination of phenylephrine hydrochloride, paracetamol, chlorpheniramine maleate and dextromethorphan hydrobromide in pharmaceutical preparations**
PALABIYIK İ. M., Onur F.
Chromatographia, vol.66, no.SUPPL. 1, 2007 (SCI-Expanded)
- XL. **Liquid chromatographic and spectrophotometric determination of diflucortolone valerate and chlorquinaldol in creams**
PALABIYIK İ. M., Asan D., ONUR F.
Journal of Food and Drug Analysis, vol.15, no.2, pp.145-150, 2007 (SCI-Expanded)
- XLI. **Liquid chromatographic and spectrophotometric determination of phenazopyridine hydrochloride, ampicilline trihydrate, and nitrofurantoin in pharmaceutical preparations**
Palabiyik İ. M., Onur F.
ANALYTICAL LETTERS, vol.37, no.10, pp.2125-2150, 2004 (SCI-Expanded)
- XLII. **Simultaneous spectrophotometric determination of pseudoephedrine hydrochloride and ibuprofen in a pharmaceutical preparation using ratio spectra derivative spectrophotometry and multivariate calibration techniques**
Palabiyik İ. M., DİNÇ E., Onur F.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.34, no.3, pp.473-483, 2004 (SCI-Expanded)
- XLIII. **Simultaneous spectrophotometric determination of cyproterone acetate and estradiol valerate in pharmaceutical preparations by ratio spectra derivative and chemometric methods**
DİNÇ E., Yucesoy C., Palabiyik İ. M., Ustundag Ö., Onur F.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.32, no.3, pp.539-547, 2003 (SCI-Expanded)
- XLIV. **Simultaneous spectrophotometric determination of chlorphenoxamine hydrochloride and caffeine in a pharmaceutical preparation using first derivative of the ratio spectra and chemometric methods**
DİNÇ E., Palabiyik İ. M., Ustundag Ö., Yurtsever F., Onur F.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.28, no.3-4, pp.591-600, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Efficient adsorption of heavy metal ions onto diethylamine functionalized calix[4]arene based silica resin**
Junejo R., Memon S., PALABIYIK İ. M.
EURASIAN CHEMICAL COMMUNICATIONS, vol.2, no.7, pp.785-797, 2020 (ESCI)
- 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, vol.10, no.3, pp.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, vol.9, no.3, pp.301-310, 2012 (Scopus)
- IV. **Spectrophotometric and liquid chromatographic determination of acemetacin in pharmaceutical formulations**
HAKAN O., PALABIYIK İ. M., ÇAĞLAYAN M. G., ONUR F.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.6, no.3, pp.163-176, 2009 (Scopus)
- V. **Spectrophotometric and liquid chromatographic determination of acemetacin in pharmaceutical formulations Asemetasin'in farmasötik preparatlarda spektrofotometrik ve sıvı kromatografik yöntemlerle miktar tayini**
Özbakan H., Murat Palabiyik İ. M., Gökhan Çağlayan M., Onur F.
Turkish Journal of Pharmaceutical Sciences, vol.6, no.3, pp.163-176, 2009 (Scopus)
- VI. **Simultaneous spectrophotometric determination of pseudoephedrine sulphate and loratadine in a pharmaceutical preparation using chemometric techniques Bir farmasötik preparatta psödoefedrin sülfat ve loratadin'in kemometrik teknikler kullanılarak aynı anda spektrofotometrik miktar tayinleri**
Palabiyik İ. M., Onur F.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.36, no.3, pp.171-182, 2008 (Scopus)

Books & Book Chapters

- I. **Analitik Validasyon**
PALABIYIK İ. M.
in: İlaç Keşfi ve Geliştirilmesi, Mehmed Alp, Editor, Akademisyen, Ankara, pp.227-239, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES USING PYRACANTHA COCCINEA M.J. ROEM AND THEIR ANTIBACTERIAL, ANTIBIOFILM AND ANTI-QUORUM SENSING ACTIVITIES**
Gökdere N., Rızvanoğlu S. S., Emir E., Eryılmaz M., Atakol O., Palabiyik İ. M.
International Symposium on Pharmaceutical and Biomedical Analysis, Ankara, Turkey, 2 - 06 July 2023, pp.1-3
- II. **Synthesis, Characterization And Antimicrobial Activity Of Zinc Nanoparticle By The Green Method Using Pyracantha Coccinea M.J. Roem**
Gökdere N., Rızvanoğlu S. S., Emir E., Eryılmaz M., Atakol O., Palabiyik İ. M.
International Multidisciplinary Symposium on Drug Research and Development (DRD) 2023, İzmir, Turkey, 4 - 06 May 2023, pp.1-2
- III. **A New Emugel Formula of Prunus mahaleb L. Waste Material**
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