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Eğitim Bilgileri

Doktora, İstanbul Üniversitesi, Eczacılık Fakültesi, Analitik Kimya, Türkiye 1997 - 2003

Yüksek Lisans, İstanbul Üniversitesi, Eczacılık Fakültesi, Analitik Kimya A.D, Türkiye 1995 - 1997

Lisans, İstanbul Üniversitesi, Eczacılık Fakültesi, Türkiye 1990 - 1994

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Bazı Amin Grubu taşıyan ilaçların Analizleri dayanan , İstanbul Üniversitesi, Eczacılık Fakültesi, Analitik Kimya, 2003

Yüksek Lisans, Maprotilin Hidroklorürün Bromtimol Mavisini kullanarak spektrofotometrik Analizi, İstanbul Üniversitesi, Eczacılık Fakültesi, Analitik Kimya , 1997

Akademik Unvanlar / Görevler

Prof. Dr., İstanbul Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık, 2013 - Devam Ediyor

Yönetilen Tezler

ÖNAL A., İbuprofen, Psödoefedrin ve vitamin C nin ve ilgili bileşiklerinin yüksek performanslı sıvı kromatografisi yöntemi ile farmasötik preparatlarda yanyana analizi, Doktora, F.Hacıoğlu(Öğrenci), Devam Ediyor

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ÖNAL A., Eprosartan ve Hidroklorotiazidin yüksek performanslı sıvı kromatografisi ile Analizi, Yüksek Lisans, F.Hacıoğlu(Öğrenci), 2011

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Chromatographic Methods and Sample Pretreatment Techniques for Aldehydes, Biogenic Amine, and Carboxylic Acids in Food Samples**
Albarri R., Vardara H. F., Al S., ÖNAL A.
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- II. **A review of the currently developed analytical methods for the determination of biogenic amines in food products**
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- III. **A novel HPLC method for selexipag in human plasma and application to a prototype pharmacokinetic study**
Ceylan B., Tlrıs G., Kepekci Tekkeli S. E., Önal C., ÖNAL A.
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- IV. **Ultra fast liquid chromatographic analysis of nonsteroidal anti-inflammatory drugs with fluorimetric detection in tap water, urine, and pharmaceutical samples**
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- V. **AN UPLC METHOD FOR THE DETERMINATION OF SORAFENIB IN HUMAN PLASMA BY FLUORIMETRIC DETECTION WITH PRE-COLUMN DERIVATIZATION AND APPLICATION TO A PHARMACOKINETIC STUDY**
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- VI. **A novel GC-MS assay method for the therapeutic drug monitoring of the atomoxetine**
Kul A., Ozdemir M., Önal A., Sağırılı A. O.
Microchemical Journal, cilt.164, 2021 (SCI-Expanded)
- VII. **ANALYTICAL METHODS FOR THE DETERMINATION OF POLYBROMINATED DIPHENYL ETHERS IN HUMAN MILK**
Sagiroglu A. A., Tekkeli S. E. K., Onal C., DİNCEL D., ÖNAL A.
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- VIII. **DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING ULTRA-FAST LIQUID CHROMATOGRAPHIC ANALYSIS FOR THE SIMULTANEOUS DETERMINATION OF FENTICONAZOLE AND ITS RELATED SUBSTANCES IN PHARMACEUTICAL FORMULATIONS**
Onal C., Binay E., Onal A.
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- IX. **Two-dimensional liquid chromatographic analysis of ramelteon in human serum**
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ARABIAN JOURNAL OF CHEMISTRY, cilt.12, sa.8, ss.2817-2822, 2019 (SCI-Expanded)
- X. **LIQUID CHROMATOGRAPHIC ANALYSIS OF CAROTENOIDS IN FOODS**
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- XI. **MAGNETIC SOLID PHASE EXTRACTION FOR A NEW HPLC METHOD FOR THE DETERMINATION OF GEMIFLOXACIN IN HUMAN PLASMA AND BREAST MILK**
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- XII. **Determination of atorvastatin in human plasma by magnetic solid-phase extraction combined with HPLC and application to a pharmacokinetic study**
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- XIII. **Spectrofluorimetric determination of tobramycin in human serum and pharmaceutical preparations by derivatization with fluorescamine**
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- LUMINESCENCE, cilt.29, sa.1, ss.87-91, 2014 (SCI-Expanded)
- XIV. **New spectrophotometric and spectrofluorimetric methods for the determination of angiotensin II receptor antagonists in tablets and plasma**
TEKKELİ Ş. E., Onal A.
JOURNAL OF ANALYTICAL CHEMISTRY, cilt.68, sa.6, ss.501-509, 2013 (SCI-Expanded)
- XV. **Spectrophotometric determination of 3-hydroxy-3-methylglutaryl coenzyme-A reductase inhibitors in pharmaceutical preparations**
Ergin Kızılcay G., Çağlar Andaç S., Önal A., Toker S.
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- XVI. **A review of the liquid chromatographic methods for the determination of biogenic amines in foods**
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- XVII. **Spectrophotometric determination of 3-hydroxy-3-methylglutaryl coenzyme-A reductase inhibitors in pharmaceutical preparations**
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- XVIII. **Development and Validation of Spectrophotometric Methods for the Determination of Rasagiline in Pharmaceutical Preparations**
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- XIX. **Determination of Eprosartan Mesylate and Hydrochlorothiazide in Tablets by Derivative Spectrophotometric and High-Performance Liquid Chromatographic Methods**
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- XX. **A Review of Current Methods for the Determination of Acrylamide in Food Products**
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- XXI. **A rapid and simple RP-HPLC method for quantification of desipramine in human plasma**
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- XXII. **Overview on liquid chromatographic analysis of tetracycline residues in food matrices**
Onal A.
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- XXIII. **Spectrofluorimetric Methods for the Determination of Gemifloxacin in Tablets and Spiked Plasma Samples**
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- XXIV. **A new HPLC method with fluorescence detection for the determination of memantine in human plasma ,**
TOKER S., SAĞIRLI A. O., ÇETİN S. M., ÖNAL A.
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- XXV. **SPECTROPHOTOMETRIC AND SPECTROFLUORIMETRIC DETERMINATION OF SOME DRUGS CONTAINING SECONDARY AMINO GROUP IN BULK DRUG AND DOSAGE FORMS VIA DERIVATIZATION WITH 7-CHLORO-4-NITROBENZOFURAZON**
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- XXVI. **Detection of Methamphetamine, Methylenedioxyamphetamine, and 3,4-Methylenedioxy-N-ethylamphetamine in Spiked Plasma by HPLC and TLC**
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- XXVII. **Two Simple and Rapid Spectrophotometric Methods for the Determination of a New**

- Antihypertensive Drug Olmesartan in Tablets**
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- XXIX. **Önal, A. Current Status of Polyamine and Polyamine Analogs Analysis in Cancer Research. , (**
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- XXX. **Current Status of Polyamine and Polyamine Analogs Analysis in Cancer Research**
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CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, cilt.40, sa.2, ss.60-67, 2010 (SCI-Expanded)
- XXXI. **Spectrophotometric and HPLC determinations of anti-diabetic drugs, rosiglitazone maleate and metformin hydrochloride, in pure form and in pharmaceutical preparations**
Onal A.
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- XXXII. **Determination of Linezolid in Human Breast Milk by High-Performance Liquid Chromatography with Ultraviolet Detection**
Sagirlı O., Onal A., Toker S., Oztunc A.
JOURNAL OF AOAC INTERNATIONAL, cilt.92, sa.6, ss.1658-1662, 2009 (SCI-Expanded)
- XXXIII. **Spectro photo metric and spectrofluorimetric methods for the determination of pregabalin in bulk and pharmaceutical preparation**
Onal A., Sagirlı O.
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- XXXIV. **Spectrophotometric and spectrofluorimetric methods for the determination of pregabalin in bulk and pharmaceutical preparation. Spectrochimica Acta Part A-Molecular And Biomolecular Spectroscopy,**
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- XXXV. **Simultaneous HPLC analysis of olmesartan and hydrochlorothiazide in combined tablets and in vitro dissolution studies.**
ÖNAL A., SAĞIRLI A. O., Şensoy D., TOKER S.
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- XXXVI. **Önal, A., Çağlar S., Spectrophotometric Determination of Dopaminergic Drugs Used for Parkinson's Disease, Cabergoline and Ropinirole, in Pharmaceutical Preparations. .**
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- XXXIX. **A review: Current analytical methods for the determination of biogenic amines in foods**
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- XL. **A selective LC method for the determination of reboxetine in human plasma with fluorescence**

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- XLII. **Determination of gabapentin in human plasma and urine by high-performance liquid chromatography with UV-vis detection**
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- XLIII. **A selective high-performance liquid chromatography method for the determination of reboxetine in bulk drug and tablets**
Onal A., Sagirli O., Cetin S. M., Toker S.
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- XLIV. **Method development and validation of a rapid determination of ropinirole in tablets by LC-UV**
Onal A.
CHROMATOGRAPHIA, cilt.64, ss.459-461, 2006 (SCI-Expanded)
- XLV. **Spectrophotometric determination of certain antidepressants in pharmaceutical preparations,**
ÖNAL A., Tekkeli E., çetin S. M., TOKER S.
JOURNAL OF AOAC INTERNATIONAL, cilt.89, ss.966-971, 2006 (SCI-Expanded)
- XLVI. **Development of a selective LC method for the determination of pravastatin sodium**
Onal A., Sagirli O.
CHROMATOGRAPHIA, cilt.64, ss.157-162, 2006 (SCI-Expanded)
- XLVII. **A highly sensitive spectrofluorometric method for the determination of a new antidepressant drug, reboxetine, in tablets**
Onal A.
JOURNAL OF AOAC INTERNATIONAL, cilt.89, sa.4, ss.972-975, 2006 (SCI-Expanded)
- XLVIII. **Spectrophotometric determination of certain antidepressants in pharmaceutical preparations**
Onal A., Kepekci S. E., Cetin S. M., Erturk S.
JOURNAL OF AOAC INTERNATIONAL, cilt.89, sa.4, ss.966-971, 2006 (SCI-Expanded)
- XLIX. **Analysis of antiretroviral drugs in biological matrices for therapeutic drug monitoring**
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JOURNAL OF FOOD AND DRUG ANALYSIS, cilt.14, sa.2, ss.99-119, 2006 (SCI-Expanded)
- L. **A Selective HPLC Method for the Determination of Reboxetine in Bulk Drug and Tablets,**
ÖNAL A., SAĞIRLI A. O., çetin S. M., TOKER S.
JOURNAL OF AOAC INTERNATIONAL, cilt.89, ss.1552-1556, 2006 (SCI-Expanded)
- L. **Determination of paroxetine in human plasma by high-performance liquid chromatography using 7,7,8,8-tetracyanoquinodimethane as the derivatization reagent**
Onal A., Öztunç A.
THERAPEUTIC DRUG MONITORING, cilt.28, sa.2, ss.180-184, 2006 (SCI-Expanded)
- LI. **Development and validation of high performance liquid chromatographic method for the determination of esomeprazole in tablets**
Onal A., Öztunç A.
JOURNAL OF FOOD AND DRUG ANALYSIS, cilt.14, sa.1, ss.12-18, 2006 (SCI-Expanded)
- LII. **Spectrophotometric methods for the determination of the antidepressant drug paroxetine hydrochloride in tablets**
Onal A., Kepekci S., Öztunç A.
JOURNAL OF AOAC INTERNATIONAL, cilt.88, sa.2, ss.490-495, 2005 (SCI-Expanded)
- LIII. **Analytical methods for the quantitative determination of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors in biological samples,**
ÖNAL A., TOKER S., çetin S. M.
JOURNAL OF CHROMATOGRAPHY A, cilt.793, ss.193-205, 2003 (SCI-Expanded)
- LIV. **Analytical methods for the quantitative determination of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors in biological samples**

Erturk S., Onal A., Çetin S. M.

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- LIV. **,7,8,8-tetracyanoquinodimethane as a new derivatization reagent for high-performance liquid chromatography and thin-layer chromatography: rapid screening of plasma for some antidepressants,**

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- LVI. **Determination of maprotiline hydrochloride in tablets by ion-pair extraction using bromthymol blue**

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Diğer Dergilerde Yayınlanan Makaleler

- I. **Analysis of Racecadotril in Pharmaceutical Formulations Using Ultra Performance Liquid Chromatography (UPLC) Method**

ÖNAL A., Binay E.

BEZMIALEM SCIENCE, sa.3, ss.289-294, 2023 (ESCI)

- II. **Ultra Hızlı Sıvı Kromatografisi ile Biber Sosunda Kapsaisinoidlerin Analizi/Analysis of Capsaicinoids in Chilli Sauce with Ultra Fast Liquid Chromatography**

Ceylan B., Önal C., Önal A.

BEZMIALEM SCIENCE, cilt.10, sa.6, ss.742-748, 2022 (ESCI)

- III. **High-performance Liquid Chromatography Analysis of Nebivolol and Amlodipine and Some Related Compounds in Synthetic Mixture**

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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Online Heart-Cutting Liquid Chromatographic Analysis Of Linezolid In Human Serum**

SAĞIRLI A. O., DEMIRCI S., ÖNAL A.

33rd International Symposium on Microscale Separations and Bioanalysis (MSB 2017), Leiden, Hollanda, 26 - 29 Mart 2017, cilt.13, ss.5-10

- II. **Spectrophotometric determination of 3-hydroxy-3-methylglutaryl coenzyme-A reductase inhibitors in pharmaceutical preparations**

ERGİN KIZILÇAY G., ÇAĞLAR ANDAÇ S., ÖNAL A., TOKER S.

XII.Ulusal Spektroskopik Kongresi, Antalya, Türkiye, 18 - 22 Mayıs 2011

- III. **A New Spectrophotometric Method for the Determination of Statins in Pharmaceutical Preparations**

Ergin G., ÇAĞLAR S., ÖNAL A., ERTÜRK TOKER S.

XIIth National Spectroscopy Congress, with International Participation, Antalya, Türkiye, ss.372-375

- IV. **Rapid Quantification of Levetiracetam in Human Plasma and Tablets by Liquid Chromatography**

ÖNAL A., ÇAĞLAR S.

IMPPS-3 Third International Meeting on Pharmacy and Pharmaceutical Sciences, Türkiye, 1 - 04 Haziran 2010, ss.372-375

- V. **Determination of Linezolid in Tablets with UV Spectrophotometric Methods**

ÖNAL A., ÇAĞLAR S.

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- VI. **Spectrophotometric Method for the Determination of Ropinirole in Tablets**

ÇAĞLAR S., ÖNAL A.

Desteklenen Projeler

- SAĞIRLI A. O., DEMİRCİ S., ÖNAL A., Yükseköğretim Kurumları Destekli Proje, Online HeartCutting Liquid Chromatographic Analysis of Linezolid in Human Serum, 2017 - 2017
- SAĞIRLI A. O., TOKER S., ÖNAL A., Yükseköğretim Kurumları Destekli Proje, Linezolidin İnsan Serumunda İki Boyutlu Yüksek Performanslı Sıvı Kromatografisi ile Analizi, 2016 - 2017
- ÖNAL A., Yükseköğretim Kurumları Destekli Proje, Vildagliptinin Tabletlerde analizi, 2012 - 2014
- ÖNAL A., Yükseköğretim Kurumları Destekli Proje, Loteprednolun farmasötik preparatlarda spektrofotometrik analizi, 2012 - 2014
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- ÖNAL A., Yükseköğretim Kurumları Destekli Proje, Bir antidepresan ilaç maddesi olan duloksetinin 2D-HPLC ve UPLC metodları kullanılarak analizleri, 2011 - 2013
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- ÖNAL A., Yükseköğretim Kurumları Destekli Proje, Eprosartan ve hidroklorotiyazidin yüksek performanslı sıvı kromatografisi yöntemi ile tabletlerde yanyana analizi, 2009 - 2012
- ÖNAL A., Yükseköğretim Kurumları Destekli Proje, Spectrophotometric and Spectrofluorimetric Determination of Pramipexole in Bulk Drug and Dosage Forms, 2010 - 2010

Metrikler

Yayın: 65

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