

# Prof. Armağan ÖNAL

## Personal Information

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## Education Information

Doctorate, İstanbul Üniversitesi, Faculty of Pharmacy , Analitik Kimya, Turkey 1997 - 2003

Post Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Analitik Kimya A.D, Turkey 1995 - 1997

Under Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Turkey 1990 - 1994

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Bazı Amin Grubu taşıyan ilaçların Analizleri dayanan , İstanbul University, Faculty of Pharmacy , Analitik Kimya, 2003

Post Graduate, Maprotilin Hidroklorürün Bromtimol Mavisi kullanılarak spektrofotometrik Analizi, İstanbul University, Faculty of Pharmacy , Analitik Kimya , 1997

## Academic Titles / Tasks

Professor, İstanbul University, Faculty of Pharmacy , Temel Eczacılık, 2013 - Continues

## Advising Theses

ÖNAL A., İbuprofen, Psödoefedrin ve vitamin C nin ve ilgili bileşiklerinin yüksek performanslı sıvı kromatografisi yöntemi ile farmasötik preparatlarda yanyana analizi, Doctorate, F.Hacıoğlu(Student), Continues

ÖNAL A., Moksifloksasinin Manyetik Katı Faz Ekstraksiyonu kullanılarak UPLC ve LC-TOF-MS yöntemleri ile biyolojik sıvılarda tayini, Doctorate, M.Volkan(Student), Continues

ÖNAL A., Fenprobamat ve Asetominefenin Ultraperformanslı sıvı kromatografisi yöntemi ile farmasötik preparatlarda yanyana analizi, Post Graduate, M.Şahin(Student), Continues

ÖNAL A., Difenhidramin ve Lidokainin gaz kromatografisi-kütle spektroskopisi yöntemi ile farmasötik preparatlarda yanyana analizi, Post Graduate, S.Demirci(Student), 2016

ÖNAL A., Eprosartan ve Hidroklorotiazidin yüksek performanslı sıvı kromatografisi ile Analizi, Post Graduate, F.Hacıoğlu(Student), 2011

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **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.

JOURNAL OF THE CHILEAN CHEMICAL SOCIETY, vol.65, pp.4726-4736, 2020 (Journal Indexed in SCI)

- **Two-dimensional liquid chromatographic analysis of ramelteon in human serum**  
Sagirlı O., Onal A., Toker S., TEKKEĒİ Ő. E.  
ARABIAN JOURNAL OF CHEMISTRY, vol.12, pp.2817-2822, 2019 (Journal Indexed in SCI)
- **LIQUID CHROMATOGRAPHIC ANALYSIS OF CAROTENOIDS IN FOODS**  
DİNCEL D., Tekkeli S. E. K. , Onal C., Onal A., Sagirlı O.  
JOURNAL OF THE CHILEAN CHEMICAL SOCIETY, vol.64, pp.4492-4495, 2019 (Journal Indexed in SCI)
- **MAGNETIC SOLID PHASE EXTRACTION FOR A NEW HPLC METHOD FOR THE DETERMINATION OF GEMIFLOXACIN IN HUMAN PLASMA AND BREAST MILK**  
Durmus Z., TEKKEĒİ Ő. E. , Kiziltas M. V. , Onal A.  
JOURNAL OF THE CHILEAN CHEMICAL SOCIETY, vol.62, pp.3483-3489, 2017 (Journal Indexed in SCI)
- **Determination of atorvastatin in human plasma by magnetic solid-phase extraction combined with HPLC and application to a pharmacokinetic study**  
TEKKEĒİ Ő. E. , Durmus Z., Onal A.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.39, pp.852-860, 2016 (Journal Indexed in SCI)
- **Spectrofluorimetric determination of tobramycin in human serum and pharmaceutical preparations by derivatization with fluorescamine**  
Tekkeli S. E. K. , Onal A., Sagirlı O.  
LUMINESCENCE, vol.29, pp.87-91, 2014 (Journal Indexed in SCI)
- **New spectrophotometric and spectrofluorimetric methods for the determination of angiotensin II receptor antagonists in tablets and plasma**  
TEKKEĒİ Ő. E. , Onal A.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.68, pp.501-509, 2013 (Journal Indexed in SCI)
- **A review of the liquid chromatographic methods for the determination of biogenic amines in foods**  
Onal A., Tekkeli S. E. K. , Onal C.  
FOOD CHEMISTRY, vol.138, pp.509-515, 2013 (Journal Indexed in SCI)
- **Development and Validation of Spectrophotometric Methods for the Determination of Rasagiline in Pharmaceutical Preparations**  
TEKKEĒİ Ő. E. , Onal A., BAHADORİ F.  
JOURNAL OF SPECTROSCOPY, 2013 (Journal Indexed in SCI)
- **Determination of Eprosartan Mesylate and Hydrochlorothiazide in Tablets by Derivative Spectrophotometric and High-Performance Liquid Chromatographic Methods**  
Hacioglu F., Onal A.  
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.50, pp.688-693, 2012 (Journal Indexed in SCI)
- **A Review of Current Methods for the Determination of Acrylamide in Food Products**  
Tekkeli S. E. K. , Onal C., Onal A.  
FOOD ANALYTICAL METHODS, vol.5, pp.29-39, 2012 (Journal Indexed in SCI)
- **A rapid and simple RP-HPLC method for quantification of desipramine in human plasma**  
Onal A., Oztunc A.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.30, pp.165-169, 2011 (Journal Indexed in SCI)
- **Overview on liquid chromatographic analysis of tetracycline residues in food matrices**  
Onal A.  
FOOD CHEMISTRY, vol.127, pp.197-203, 2011 (Journal Indexed in SCI)
- **Spectrofluorimetric Methods for the Determination of Gemifloxacin in Tablets and Spiked Plasma Samples**  
Tekkeli S. E. K. , Onal A.  
JOURNAL OF FLUORESCENCE, vol.21, pp.1001-1007, 2011 (Journal Indexed in SCI)
- **A new HPLC method with fluorescence detection for the determination of memantine in human plasma ,**  
TOKER S., SAĒIRLI A. O. , Őetin S. M. , ŐNAL A.  
JOURNAL OF SEPARATION SCIENCE, vol.34, pp.2645-2649, 2011 (Journal Indexed in SCI)
- **SPECTROPHOTOMETRIC AND SPECTROFLUORIMETRIC DETERMINATION OF SOME DRUGS CONTAINING SECONDARY AMINO GROUP IN BULK DRUG AND DOSAGE FORMS VIA DERIVATIZATION WITH 7-CHLORO-4-NITROBENZOFURAZON**

Onal A.

QUIMICA NOVA, vol.34, pp.677-683, 2011 (Journal Indexed in SCI)

- **Two Simple and Rapid Spectrophotometric Methods for the Determination of a New Antihypertensive Drug Olmesartan in Tablets**  
Caglar S., Onal A.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, pp.239-243, 2010 (Journal Indexed in SCI)
- **Detection of Methamphetamine, Methylenedioxyamphetamine, and 3,4-Methylenedioxy-N-ethylamphetamine in Spiked Plasma by HPLC and TLC**  
Oztunc A., Onal A., Toker S. E.  
JOURNAL OF AOAC INTERNATIONAL, vol.93, pp.556-561, 2010 (Journal Indexed in SCI)
- **Two Simple and Rapid Spectrophotometric Methods for the Determination of a New Antihypertensive Drug Olmesartan in Tablets.**  
ÇAĞLAR S., ÖNAL A.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, pp.239-243, 2010 (Journal Indexed in SSCI)
- **Önal, A. Current Status of Polyamine and Polyamine Analogs Analysis in Cancer Research. , (**  
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CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.40, pp.60-67, 2010 (Journal Indexed in SCI)
- **Current Status of Polyamine and Polyamine Analogs Analysis in Cancer Research**  
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CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.40, pp.60-67, 2010 (Journal Indexed in SCI)
- **Spectrophotometric and HPLC determinations of anti-diabetic drugs, rosiglitazone maleate and metformin hydrochloride, in pure form and in pharmaceutical preparations**  
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- **Determination of Linezolid in Human Breast Milk by High-Performance Liquid Chromatography with Ultraviolet Detection**  
Sagirli O., Onal A., Toker S., Oztunc A.  
JOURNAL OF AOAC INTERNATIONAL, vol.92, pp.1658-1662, 2009 (Journal Indexed in SCI)
- **Spectro photo metric and spectrofluorimetric methods for the determination of pregabalin in bulk and pharmaceutical preparation**  
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- **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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SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.72, pp.68-71, 2009 (Journal Indexed in SCI)
- **Simultaneous HPLC analysis of olmesartan and hydrochlorothiazide in combined tablets and in vitro dissolution studies.**  
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- **Önal, A., Çaglar S., Spectrophotometric Determination of Dopaminergic Drugs Used for Parkinson's Disease, Cabergoline and Ropinirole, in Pharmaceutical Preparations. .**  
ÖNAL A., ÇAĞLAR S.  
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- **Selective LC determination of cabergoline in the bulk drug and in tablets: In vitro dissolution studies**  
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- **A selective LC method for the determination of reboxetine in human plasma with fluorescence detection**  
Onal A., Sagirli O., Cetin S. M. , Toker S.  
CHROMATOGRAPHIA, vol.66, 2007 (Journal Indexed in SCI)
- **A review: Current analytical methods for the determination of biogenic amines in foods**  
Onal A.  
FOOD CHEMISTRY, vol.103, pp.1475-1486, 2007 (Journal Indexed in SCI)
- **Determination of gabapentin in human plasma and urine by high-performance liquid chromatography with UV-vis detection**  
Sagirli O., Çetin S. M. , Onal A.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.42, pp.618-624, 2006 (Journal Indexed in SCI)
- **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.  
JOURNAL OF AOAC INTERNATIONAL, vol.89, pp.1552-1556, 2006 (Journal Indexed in SCI)
- **Method development and validation of a rapid determination of ropinirole in tablets by LC-UV**  
Onal A.  
CHROMATOGRAPHIA, vol.64, pp.459-461, 2006 (Journal Indexed in SCI)
- **Spectrophotometric determination of certain antidepressants in pharmaceutical preparations,**  
ÖNAL A., Tekkeli E., çetin S. M. , TOKER S.  
JOURNAL OF AOAC INTERNATIONAL, vol.89, pp.966-971, 2006 (Journal Indexed in SCI)
- **Development of a selective LC method for the determination of pravastatin sodium**  
Onal A., Sagirli O.  
CHROMATOGRAPHIA, vol.64, pp.157-162, 2006 (Journal Indexed in SCI)
- **Spectrophotometric determination of certain antidepressants in pharmaceutical preparations**  
Onal A., Kepekci S. E. , Cetin S. M. , Erturk S.  
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- **A highly sensitive spectrofluorometric method for the determination of a new antidepressant drug, reboxetine, in tablets**  
Onal A.  
JOURNAL OF AOAC INTERNATIONAL, vol.89, pp.972-975, 2006 (Journal Indexed in SCI)
- **Analysis of antiretroviral drugs in biological matrices for therapeutic drug monitoring**  
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JOURNAL OF FOOD AND DRUG ANALYSIS, vol.14, pp.99-119, 2006 (Journal Indexed in SCI)
- **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, vol.89, pp.1552-1556, 2006 (Journal Indexed in SCI)
- **Determination of paroxetine in human plasma by high-performance liquid chromatography using 7,7,8,8-tetracyanoquinodimethane as the derivatization reagent**  
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THERAPEUTIC DRUG MONITORING, vol.28, pp.180-184, 2006 (Journal Indexed in SCI)
- **Development and validation of high performance liquid chromatographic method for the determination of esomeprazole in tablets**  
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JOURNAL OF FOOD AND DRUG ANALYSIS, vol.14, pp.12-18, 2006 (Journal Indexed in SCI)
- **Spectrophotometric methods for the determination of the antidepressant drug paroxetine hydrochloride in tablets**  
Onal A., Kepekci S., Öztunç A.  
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- **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, vol.793, pp.193-205, 2003 (Journal Indexed in SSCI)

- **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.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.793, pp.193-205, 2003 (Journal Indexed in SCI)
- **,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,**  
ÖNAL A., TOKER S., Öztunç A.  
JOURNAL OF CHROMATOGRAPHY A, vol.774, pp.149-155, 2002 (Journal Indexed in SCI)
- **Determination of maprotiline hydrochloride in tablets by ion-pair extraction using bromthymol blue**  
ÖNAL A., Öztunç A.  
Die Pharmazie, vol.55:, pp.321-0, 2000 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- **Online Heart-Cutting Liquid Chromatographic Analysis Of Linezolid In Human Serum**  
SAĞIRLI A. O. , DEMİRCİ S., ÖNAL A.  
33rd International Symposium on Microscale Separations and Bioanalysis (MSB 2017), Leiden, Netherlands, 26 - 29 March 2017, vol.13, pp.5-10
- **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 Spektroskopi Kongresi, Antalya, Turkey, 18 - 22 May 2011
- **A New Spectrophotometric Method for the Determination of Statins in Pharmaceutical Preparations**  
Ergin G., ÇAĞLAR S., ÖNAL A., ERTÜRK TOKER S.  
XIIIth National Spectroscopy Congress, with International Participation, Antalya, Turkey, pp.372-375
- **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, Turkey, 1 - 04 June 2010, pp.372-375
- **Determination of Linezolid in Tablets with UV Spectrophotometric Methods**  
ÖNAL A., ÇAĞLAR S.  
5th Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 1 - 04 June 2010, pp.372-375
- **Spectrophotometric Method for the Determination of Ropinirole in Tablets**  
ÇAĞLAR S., ÖNAL A.  
1st European Chemistry Congress, Hungary, 1 - 04 August 2006, pp.372-375

## Supported Projects

SAĞIRLI A. O. , DEMİRCİ S., ÖNAL A., Project Supported by Higher Education Institutions, Online HeartCutting Liquid Chromatographic Analysis of Linezolid in Human Serum, 2017 - 2017

SAĞIRLI A. O. , TOKER S., ÖNAL A., Project Supported by Higher Education Institutions, Linezolidin İnsan Serumunda İki Boyutlu Yüksek Performanslı Sıvı Kromatografisi ile Analizi, 2016 - 2017

ÖNAL A., Project Supported by Other Official Institutions, Plazma ve İdrarda Üremik Toksinlerin Analizi, Bezmialem Vakıf Üniversitesi BAP projesi, Proje No: 6.2012/14, Yardımcı araştırmacı., 2012 - 2014

## Citations

Total Citations (WOS):1064  
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