

# Prof. Abdürrezzak Emin BOZDOĞAN

## Personal Information

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## Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, İnşaat/Çevre, Turkey 1979 - 1984

## Research Areas

Chemistry, Analytical Chemistry, Chemometry, Natural Sciences

## Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Kimya, 1999 - Continues

## Advising Theses

BOZDOĞAN A. E., PAMAM tipi dendrimerlerin mikrodalga yardımıyla sentezi ve analitik uygulamaları, Doctorate, A.Serol(Student), 2016

Tülü M., Bozdoğan A. E., Mikrodalga Destekli Yeni PAMAM Türü Dentrimer Sentezi ve Analitik/Kemometrik Uygulamaları, Doctorate, A.Serol(Student), 2014

## Jury Memberships

Doctorate, Tez Savunma Jürisi, Yıldız Teknik Üniversitesi, December, 2017

Doctorate, Doktora Tez Savunma Jürisi, Yıldız Teknik Üniversitesi, November, 2017

Appointment to Academic Staff-Assistant Professorship, Profesörlük Jürisi, Yıldız Teknik Üniversitesi, May, 2017

Appointment to Academic Staff-Assistant Professorship, Profesörlük Jürisi, Yıldız Teknik Üniversitesi, April, 2017

Associate Professor Exam, Doçentlik Sınavı Jürisi, Gazi Üniversitesi, March, 2017

Appointment to Academic Staff-Assistant Professorship, Profesörlük Jürisi, Yıldız Teknik Üniversitesi, February, 2017

Appointment to Academic Staff-Assistant Professorship, Profesörlük Jürisi, İstanbul Teknik Üniversitesi, February, 2017

## Designed Programs

Bozdoğan A. E., San N., Peksel A., Undergraduate, Kimya Bölümü İngilizce Lisans Programı, 2014 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. Application of Chemometrics-assisted HPLC-DAD Strategies for Simultaneous Determination of

**Paracetamol, Pseudoephedrine HCl, Dextromethorphan HBr, Doxylamine Succinate and Saccharin in Syrup Formulation**

Dinç Zor Ş., Aksu Dönmez Ö., Bozdoğan A. E.

Current Pharmaceutical Analysis, vol.2020, no.16, pp.1043-1050, 2020 (SCI-Expanded)

- II. **Quantitative Analysis of Food Additives in a Beverage using High Performance Liquid Chromatography and Diode Array Detection Coupled with Chemometrics**  
Donmez O. A., Dinc-Zor S., AŞCI B., BOZDOĞAN A. E.  
JOURNAL OF AOAC INTERNATIONAL, vol.103, no.3, pp.779-783, 2020 (SCI-Expanded)
- III. **New Equations for Lattice and Electronic Heat Capacities, Enthalpies, and Entropies of Solids: Application to Diamond**  
Bozdoğan A. E., Bozdogan I. S.  
ACTA PHYSICA POLONICA A, vol.135, pp.674-677, 2019 (SCI-Expanded)
- IV. **New Kinetic Theory and New Equations for Lattice and Electronic Heat Capacities, Enthalpies and Entropies of Solids: Application to Tungsten**  
Bozdoğan A. E.  
ACTA PHYSICA POLONICA A, vol.134, no.1, pp.213-216, 2018 (SCI-Expanded)
- V. **Evaluation of Jeffamine (R) Core PAMAM Dendrimers for Simultaneous Removal of Divalent Heavy Metal Ions from Aqueous Solutions by Polymer Assisted Ultrafiltration**  
Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.  
ACTA CHIMICA SLOVENICA, vol.65, no.1, pp.65-74, 2018 (SCI-Expanded)
- VI. **Multivariate optimization of dispersive liquid-liquid microextraction for the determination of paclobutrazol and triflumizole in water by GC-MS**  
Chormey D. S., Karakuş Y., Karayaka S., Özsöyler Ç., Bozdoğan A. E., Bakırdere S.  
JOURNAL OF SEPARATION SCIENCE, vol.40, pp.4541-4548, 2017 (SCI-Expanded)
- VII. **Chemometric approach integrated with capillary electrophoresis for the investigation of public water system sources and quality**  
Erturk A. S., GÖDE F., BOZDOĞAN A. E.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.14, no.11, pp.2459-2470, 2017 (SCI-Expanded)
- VIII. **New Kinetic Theory for Absorption and Emission Rates of Radiation and New Equations for Lattice and Electronic Heat Capacities, Enthalpies and Entropies of Solids: Application to Copper**  
BOZDOĞAN A. E.  
ACTA PHYSICA POLONICA A, vol.131, no.3, pp.519-526, 2017 (SCI-Expanded)
- IX. **Application of chemometric methods to the purity analysis of PAMAM dendrimers**  
Erturk A. S., Bozdogan A. E., Tulu M.  
CHEMICAL PAPERS, vol.71, no.1, pp.127-135, 2017 (SCI-Expanded)
- X. **CHARACTERIZATION OF Co(II)-PAMAM DENDRIMER COMPLEXES WITH POLYPROPYLENE OXIDE CORE BY USING UV-VIS SPECTROSCOPY**  
Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.  
Macedonian Journal of Chemistry and Chemical Engineering, vol.35, no.2, pp.263-270, 2016 (SCI-Expanded)
- XI. **Preparation of Cu Nanocomposites from EDA, DETA, and Jeffamine Cored PAMAM Dendrimers with TRIS and Carboxyl Surface Functional Groups**  
Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.  
ACTA CHIMICA SLOVENICA, vol.63, no.4, pp.763-771, 2016 (SCI-Expanded)
- XII. **Water-soluble TRIS-terminated PAMAM dendrimers: microwave-assisted synthesis, characterization and Cu(II) intradendrimer complexes**  
Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.  
RSC ADVANCES, vol.5, no.74, pp.60581-60595, 2015 (SCI-Expanded)
- XIII. **Microwave assisted synthesis of Jeffamine cored PAMAM dendrimers**  
Erturk A. S., TÜLÜ M., BOZDOĞAN A. E., Parali T.  
EUROPEAN POLYMER JOURNAL, vol.52, pp.218-226, 2014 (SCI-Expanded)

- XIV. **CHROMATOGRAPHIC AND CHEMOMETRICS-ASSISTED SPECTROPHOTOMETRIC METHODS FOR THE SIMULTANEOUS DETERMINATION OF ALLOBARBITAL, ADIPHENINE HYDROCHLORIDE, AND PARACETAMOL IN SUPPOSITORY**  
Dinc S., Donmez O. A., AŞCI B., BOZDOĞAN A. E.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.37, no.4, pp.560-571, 2014 (SCI-Expanded)
- XV. **Spectrophotometric Multicomponent Resolution of a Tablet Formulation Containing Lisinopril and Hydrochlorothiazide by Multivariate Calibration Methods**  
Dinc S., DONMEZ O. A., ASCI B., BOZDOĞAN A. E.  
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.2, pp.999-1002, 2013 (SCI-Expanded)
- XVI. **Experimental design of reversed-phase high performance liquid chromatographic conditions for simultaneous determination of ibuprofen, pseudoephedrine hydrochloride, chlorpheniramine maleate, and nipagen**  
AŞCI B., Donmez O. A., BOZDOĞAN A. E., SUNGUR S.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, no.7, pp.743-748, 2010 (SCI-Expanded)
- XVII. **Spectrophotometric Multicomponent Analysis of a Mixture of Chlorhexidine Hydrochloride and Lidocaine Hydrochloride in Pharmaceutical Formulation Using Derivative Spectrophotometry and Partial Least-Squares Multivariate Calibration**  
Donmez O. A., BOZDOĞAN A. E., KUNT G., DIV Y.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, no.1, pp.30-35, 2010 (SCI-Expanded)
- XVIII. **Abilities of Partial Least-Squares (PLS-2) Multivariate Calibration in the Analysis of Quaternary Mixture of Food Colors (E-110, E-122, E-124, E-131)**  
Özgür M., Gümürükçü Köse G., Keser Karaoğlan G., Bozdoğan A. E., Aşçı B.  
Analytical Letters, vol.10, no.40, pp.1893-1903, 2007 (SCI-Expanded)
- XIX. **Spectrophotometric multicomponent analysis of a mixture of triprolidine hydrochloride and pseudoephedrine hydrochloride in pharmaceutical formulations by partial least-squares multivariate calibration**  
Donmez O. A., Bozdogan A. E., Kunt G., Div Y.  
CHEMIA ANALITYCZNA, vol.52, pp.135-140, 2007 (SCI-Expanded)
- XX. **Nickel(II) and copper(II) complexes of Schiff base derived from isatin with 4-ethylaniline**  
ERCAG A., Turak F., Ozgur M., Bozdogan A. E.  
ASIAN JOURNAL OF CHEMISTRY, vol.18, no.2, pp.1183-1190, 2006 (SCI-Expanded)
- XXI. **Simultaneous determination of mepyramine maleate, lidocaine hydrochloride, and dexpanthenol in pharmaceutical preparations by partial least-squares multivariate calibration**  
Aksu O., Bozdogan A. E., KUNT G.  
ANALYTICAL LETTERS, vol.39, no.4, pp.751-761, 2006 (SCI-Expanded)
- XXII. **Simultaneous determination of dazomet and propanil by partial least squares (PLS-2) and zero-crossing derivative spectrophotometry methods**  
Turak F., Ozgur M. U., ERCAG A., Bozdogan A. E.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.25, no.4, pp.295-306, 2006 (SCI-Expanded)
- XXIII. **Simultaneous determination of Dazomet and Propanil by Partial Least Squares (PLS-2) and zero-crossing derivative spectrophotometry methods**  
TURAK F., Üstün Özgür M., ERÇAĞ A., BOZDOĞAN A. E.  
Reviews in Analytical Chemistry, vol.25, no.2, pp.117-128, 2006 (SCI-Expanded)
- XXIV. **The resolution of ternary mixtures of dyes by partial least-squares multivariate spectrophotometric calibration and derivative spectrophotometry**  
Ozgur M., Koyuncu I., Bozdogan A. E.  
CHEMIA ANALITYCZNA, vol.50, no.3, pp.605-614, 2005 (SCI-Expanded)
- XXV. **A method for determination of thermodynamic and solubility parameters of polymers from temperature and molecular weight dependence of intrinsic viscosity**  
Bozdogan A. E.

- POLYMER, vol.45, no.18, pp.6415-6424, 2004 (SCI-Expanded)
- XXVI. **A method for determination of thermodynamics and solubility parameters of polymers in dilute solutions from critical volume fractions**  
Bozdogan A. E.  
POLYMER, vol.44, no.20, pp.6427-6430, 2003 (SCI-Expanded)
- XXVII. **Simultaneous determination of anthocyanin and ponceau 4R in drink powders by derivative spectrophotometry and partial least-squares multivariate spectrophotometric calibration**  
Ozgur M., Bozdogan A. E., ERCAG A., Koyuncu I.  
MONATSFESTFÜR CHEMIE, vol.132, no.6, pp.669-673, 2001 (SCI-Expanded)
- XXVIII. **Simultaneous determination of sunset yellow and Ponceau 4R in gelatin powder by derivative spectrophotometry and partial least-squares multivariate spectrophotometric calibration**  
Bozdogan A. E., Ozgur M., Koyuncu I.  
ANALYTICAL LETTERS, vol.33, no.14, pp.2975-2982, 2000 (SCI-Expanded)
- XXIX. **A method for the determination of the kinetic parameters relevant to atom formation processes in electrothermal atomic absorption spectrometry**  
Bozdogan A. E.  
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.54, pp.557-569, 1999 (SCI-Expanded)
- XXX. **Protonation and coordinative properties of 14-membered tetraaza macrocycles linked to phthalocyanines**  
AVCIATA U., Bozdogan A. E., KOCAK M., GUL A., OKUR A., BEKAROGLU O.  
MONATSFESTFÜR CHEMIE, vol.130, no.2, pp.283-293, 1999 (SCI-Expanded)
- XXXI. **Simultaneous determination of theobromine and caffeine in cocoa by partial least-squares multivariate spectrophotometric calibration**  
Aksu O., Bozdogan A. E., KUNT G.  
ANALYTICAL LETTERS, vol.31, no.5, pp.859-866, 1998 (SCI-Expanded)
- XXXII. **Synthesis of 4'-acetyl(benzo-15-crown-5)-oxime and its complexes with copper(II), nickel(II), cobalt(II) and uranyl(VI)**  
AVCIATA U., DEMIRHAN N., Bozdogan A. E.  
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.28, no.3, pp.393-403, 1998 (SCI-Expanded)
- XXXIII. **INVESTIGATIONS OF THE INTERACTION OF 4',5'-BIS(SALICYLIDENEIMINO) BENZO-15-CROWN-5 WITH TRANSITION AND ALKALI METAL IONS AND THE URANYL CATION**  
Avciata U., BOZDOĞAN A. E., Koçak M., Gül A., Bekaroglu O.  
JOURNAL OF COORDINATION CHEMISTRY, vol.35, pp.319-323, 1995 (SCI-Expanded)
- XXXIV. **CONDUCTIMETRIC TITRATION OF DICARBOXYLIC-ACIDS IN 1-PROPANOL**  
BOZDOGAN A. E., OZEROGLU C., KUNT G., SARAC S.  
REVUE ROUMAINE DE CHIMIE, vol.38, no.12, pp.1415-1419, 1993 (SCI-Expanded)
- XXXV. **SIMULTANEOUS DETERMINATION OF ACETAMINOPHEN AND CAFFEINE IN TABLET PREPARATIONS BY PARTIAL LEAST-SQUARES MULTIVARIATE SPECTROPHOTOMETRIC CALIBRATION**  
BOZDOGAN A. E., ACAR A., KUNT G.  
TALANTA, vol.39, no.8, pp.977-979, 1992 (SCI-Expanded)
- XXXVI. **SIMULTANEOUS DETERMINATION OF ACETAMINOPHEN AND PHENOBARBITAL IN SUPPOSITORIES BY PARTIAL LEAST-SQUARES SPECTROPHOTOMETRIC CALIBRATION**  
BOZDOGAN A. E., KUNT G., ACAR A.  
ANALYTICAL LETTERS, vol.25, no.11, pp.2051-2058, 1992 (SCI-Expanded)
- XXXVII. **Determination of the end points in titrations of mixture of acids using piece cubic splines and comparison with the intersecting straight lines**  
BOZDOĞAN A. E.  
TURKISH JOURNAL OF CHEMISTRY, vol.16, pp.112-118, 1992 (SCI-Expanded)
- XXXVIII. **Use of piecewise cubic splines for calculation of the equivalence volume in potentiometric precipitation titrations and comparison with Ekvol, Quoteq and Gran II methods**

## Articles Published in Other Journals

- I. **DETERMINATION OF THE STABILITY CONSTANTS OF THE PROTON AND Co(II), Ni(II), Cu(II), Zn(II), Fe(III) COMPLEXES OF 3,5-DIMETHYL TETRAHYDRO-1,3,5-THIADIAZINE-2-THIONE BY THE POTENTIOMETRIC METHOD**  
Özgür M., Erçağ A., Turak F., Bozdoğan A. E.  
Journal of Engineering and Natural Sciences Mühendislik ve Fen Bilimleri Dergisi Sigma , vol.4, no.25, pp.359-366, 2008 (Peer-Reviewed Journal)
- II. **Comparison of partial least-squares multivariate spectrophotometric and derivative spectrophotometric method for the determination of food dyes sunset yellow (E-110) and tartrazine (E-102) in powder drinks**  
Koyuncu İ., Özgür M., Bozdoğan A. E.  
, Institute of Science & Technology, India, vol.13, no.1, pp.19-23, 2003 (Peer-Reviewed Journal)
- III. **Simultaneous Determination of Theophylline, Theobromine and Caffeine in Tea by Partial Least Squares Multivariate Spectrophotometric Calibration**  
Aksu Dönmez Ö., BOZDOĞAN A. E., Kunt G.  
International journal of chemistry, vol.13, no.1, pp.45-48, 2003 (Peer-Reviewed Journal)
- IV. **Simultaneous determination of ternary mixtures of pesticides and herbicides (amitrole, dazomet, and propanil) by multivariate spectral analysis and derivative spectrophotometry**  
ÖZGÜR M., TURAK F., BOZDOĞAN A. E., ERCAG A.  
International Journal of Chemistry, vol.13, no.3, pp.163-169, 2003 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Factorial design in the optimization of preconcentration procedure for Aluminum determination by AAS**  
DİNÇ ZOR Ş., BOZDOĞAN A. E., ALPDOĞAN G., ASCI B., SUNGUR S.  
in: Innovations in Chemical Biology, Sener,B, Editor, Springer,Po Box 17,3300Aa, Dordrecht,Netherlands, Dordrecht, pp.313-317, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **Simultaneous Determination of Sodium Benzoate, Sunset Yellow, Methyl Paraben and Pseudoephedrine HCl in Syrups by Using HPLC-DAD Coupled With Partial Least Squares Multivariate Calibration**  
Şen E., AŞÇI B., DİNÇ ZOR Ş., AKSU DÖNMEZ Ö., BOZDOĞAN A. E.  
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.1399
- II. **Simultaneous Determination of Sodium Benzoate, Sunset Yellow, Methyl Paraben and Pseudoephedrine HCl in Syrups by Using HPLC-DAD Coupled With Partial Least Squares Multivariate Calibration**  
Şen E., Aşçı B., Dinç Zor Ş., Aksu Dönmez Ö., Bozdoğan A. E.  
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 April 2018, pp.1399
- III. **Simultaneous Determination of Selected Hormones, Endocrine Disruptive Compounds and Pesticides**

**in Water Samples by GC-MS after Dispersive Liquid-Liquid Microextraction**

Chormey D. S., TURAK F., BOZDOĞAN A. E., Komesli O. T., BÜYÜKPINAR Ç., BAKIRDERE S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September 2016, pp.35

- IV. **Mikrodalga Destekli PAMAM Türü Dendrimerlerin Sentezi Yüzey Modifikasyonu ve Analitik Uygulamaları**  
TÜLÜ M., ERTÜRK A. S., BOZDOĞAN A. E.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, vol.1, pp.17
- V. **Jeffamine Çekirdekli Dendrimer Kapsüllenmiş Metal Nanoparçacıkların Sentezi ve UV Vis Karakterizasyonu**  
TÜLÜ M., ERTÜRK A. S., BOZDOĞAN A. E.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, vol.1, pp.55
- VI. **Synthesis Of Dendritic Macromolecules And Their Metal Complexation Studies**  
TÜLÜ M., ERTÜRK A. S., BOZDOĞAN A. E.  
44 World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, vol.1, pp.517
- VII. **Determination of Different Generations from Binary Mixture of Jeffamine Cored PAMAM Dendrimers by UV-VIS Spectroscopy**  
Tülü M., BOZDOĞAN A. E.  
2nd International Conference on New Trends in Chemometrics and Applications, 01 October 2013, pp.62
- VIII. **Principal Component and Hierarchical Cluster Analysis for the Detection of the Origin of Water Samples Based on Determination of Four Anions Using Capillary Electrophoresis**  
Göde F., BOZDOĞAN A. E.  
2nd International Conference on New Trends in Chemometrics and Applications, 01 October 2013, pp.58
- IX. **Selective Metal Complexation Of Novel Dendritic Macromolecules**  
ERTÜRK A. S., PARALI T., BOZDOĞAN A. E., TÜLÜ M.  
44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, vol.2, pp.1276
- X. **Selective Metal Complexation Of Novel Dendritic Macromolecules**  
Gürbüz M. U., Parali T., BOZDOĞAN A. E., Tülü M.  
44th World Chemistry Congress, 01 August 2013
- XI. **Synthesis Of Dendritic Macromolecules And Their Metal Complexation Studies**  
Ertürk A. S., BOZDOĞAN A. E.  
44th World Chemistry Congress, 01 August 2013
- XII. **Determination of the Proton Binding Constants of Dendrimers with Hyperquad**  
BOZDOĞAN A. E., Tülü M.  
44th World Chemistry Congress, 01 August 2013
- XIII. **Simultaneous Determination of Different Generation PAMAM Dendrimer Mixtures with UV-VIS Spectroscopy**  
Tülü M., BOZDOĞAN A. E.  
XIII Ulusal Spektroskopi Kongresi, 01 May 2013, pp.177
- XIV. **Spectroscopic Determination of the Proton Binding Constants of PAMAM Dendrimers**  
Tülü M., BOZDOĞAN A. E.  
XIII Ulusal Spektroskopi Kongresi, 01 May 2013, pp.176
- XV. **PAMAM Tipi Dendrimerlerde Yüzey Modifikasyonu**  
Paralı T., BOZDOĞAN A. E., Tülü M.  
26. Ulusal Kimya Kongresi, 01 October 2012
- XVI. **PAMAM Dendrimerlerin İlaç Salınım Sistemleri Uygulamaları**  
Paralı T., Tülü M., BOZDOĞAN A. E.  
26. Ulsal Kimya Kongresi, 01 October 2012
- XVII. **PAMAM Dendrimerlere Metal Bağlanımın Spektroskopik Tespiti**  
Paralı T., BOZDOĞAN A. E., Tülü M.  
26. Ulusal Kimya Kongresi, 01 October 2012
- XVIII. **Simultaneous Determination of Allobarbitol, Adiphenine HCl and Paracetamol by HPLC Using**

## **Experimental Design**

Dinç Ş., Aksu Dönmez Ö., Aşçı B., Bozdoğan A. E.

First International Conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 8 - 11 October 2011, pp.51

- XIX. **Simultaneous Determination of Potassium guaiacolsulfonate, Guaifenesin, Diphenhydramine HCl and Carbetapentane citrate in Syrups by using HPLC-DAD Coupled with Partial Least Squares Multivariate Calibration**  
Aksu Dönmez Ö., Aşçı B., Bozdoğan A. E., Sungur S.  
1st international conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 8 - 11 October 2011, pp.40
- XX. **İlaç preparatlarındaki Adifenin Hidroklorür, Allobarbitol ve Parasetamolün Çok değişkenli kalibrasyon yöntemleri ile bir arada tayini**  
BOZDOĞAN A. E.  
XII. Ulusal spektroskopi Kongresi, 01 May 2011
- XXI. **Saç Bakım Ürünleri Performans Testleri**  
DİNÇ Ş., BOZDOĞAN A. E., Avciata U.  
1. Kozmetik Kimyası, Üretimi, Standardizasyonu Kongresi, Antalya, Turkey, 18 - 21 February 2011
- XXII. **SAÇ BAKIM ÜRÜNLERİ PERFORMANS TESTLERİ**  
DİNÇ ZOR Ş., BOZDOĞAN A. E., Avciata U.  
1. Kozmetik Kimyası, Üretimi, Standardizasyonu Kongresi, Antalya, Turkey, 18 February 2011, pp.1
- XXIII. **Spectrophotometric Multicomponent Resolution of a Tablet Formulation Containing Lisinopril and Hydrochlorothiazide by Multivariate Calibration Methods**  
DİNÇ Ş., AKSU DÖNMEZ Ö., AŞÇI B., BOZDOĞAN A. E.  
7th Aegean Analytical Chemistry Days, Lesvos, Greece, 29 September - 03 October 2010, pp.188
- XXIV. **İlaç Preparatlarındaki Adifenin Hidroklorür, Allobarbitol ve Parasetamolün Çok Değişkenli Spektrofotometrik Kalibrasyon Yöntemleri ile Birarada Tayini**  
DİNÇ Ş., AKSU DÖNMEZ Ö., AŞÇI B., BOZDOĞAN A. E.  
XII. Ulusal Spektroskopi Kongresi, Antalya, Turkey, 18 - 22 May 2011
- XXV. **Factorial Design in the Optimization of Preconcentration Procedure for Aluminum Determination by AAS**  
Dinc S., Bozdogan A. E., Alpdogan G., Asci B., Sungur S.  
9th Eurasia Conference on Chemical Sciences, Antalya, Turkey, 9 - 13 September 2006, pp.313-317
- XXVI. **Simultaneous Spectrophotometric Determination of Iron and Molybdenum in Ferro-Molybdenum Alloys by Multivariate Calibration Methods**  
Erman Y., AKSU DÖNMEZ Ö., AŞÇI B., DİNÇ Ş., Sungur S., BOZDOĞAN A. E.  
6th Aegean Analytical Chemistry Days, Denizli, Turkey, 9 - 12 October 2008, pp.272
- XXVII. **Cu(II) ve Fe(II)'nin Özenleştirilmesinde Faktöriyel Tasarım ile Optimizasyon**  
DİNÇ Ş., AŞÇI B., BOZDOĞAN A. E., Sungur S.  
22. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008
- XXVIII. **Simultaneous Determination of Colorant Mixtures used in Powder Drinks by Principal Component Regression Multivariate Calibration Method**  
Aşçı B., Aksu Dönmez Ö., Özgür M., Bozdoğan A. E.  
6th Aegean Analytical Chemistry, Denizli, Turkey, 9 - 12 October 2008, pp.230
- XXIX. **Parasetamol, Kafein, Propifenazon İçeren Tabletlerin HPLC ile Analizinin Faktöriyel Tasarım ile Optimizasyonu**  
Eral S., Alpdogan G., Aşçı B., Bozdoğan A. E.  
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 06 October 2008 - 10 October 2009, pp.27
- XXX. **Portland Çimentosundaki Alüminyum ve Demir Miktarının Çoklu Kalibrasyon Teknikleri Kullanılarak Spektrofotometrik Tayini**  
Tataroğlu C., Aksu Dönmez Ö., Aşçı B., Bozdoğan A. E., Sungur S.  
XXII Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008, pp.84

- XXXI. **Determination of Ibuprofen, Pseudoephedrine HCl, Chlorpheniramine Maleate and Nipagine by Liquid Chromatography and Factorial Design Study**  
Aşçı B., Aksu Dönmez Ö., Sungur S., Bozdoğan A. E.  
9th Eurasia Conference on Chemical Science, Antalya, Turkey, 09 September 2006, pp.285-290
- XXXII. **Factorial Design in the Optimization of Preconcentration Procedure for Aluminium Determination by AAS**  
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- BOZDOĞAN A. E., Project Supported by Higher Education Institutions, Microwave assisted synthesis of pamam type dendrimers and their analytical applications, 2012 - 2014
- BOZDOĞAN A. E., ERTÜRK A. S., Dendritik Ligantların Sentezi ve Analitik Uygulamaları, 2012 - 2014
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## Activities in Scientific Journals

Turkish Journal of Chemistry, Editor, 2017 - 2017

## **Scientific Refereeing**

Journal of Molecular Liquids, SCI Journal, January 2018

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## **Metrics**

Publication: 95

Citation (WoS): 306

Citation (Scopus): 319

H-Index (WoS): 10

H-Index (Scopus): 12

## **Congress and Symposium Activities**

7 th APMAS 2017 International Advances in Applied Physics and Material Science Congress & Exhibition, Attendee, Muğla, Turkey, 2017

10 th Aegean Analytical Chemistry Days, Attendee, Çanakkale, Turkey, 2016

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