

## Prof. Bürge AŞCI

### Personal Information

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### Education Information

Doctorate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Kimya/Analitik Kimya, Turkey 1997 - 2004

### Research Areas

Chemistry, Analytical Chemistry, Pharmaceutical Analysis, Food Analysis, Chemometry, Chromatographic Analysis, Natural Sciences

### Academic and Administrative Experience

Birim Stratejik Plan Komisyonu Üyesi, Yildiz Technical University, Faculty of Arts & Science, Department of Chemistry, 2017 - 2019

Deputy Head of Department, Yildiz Technical University, Faculty of Arts & Science, Department of Chemistry, 2014 - 2014

### Courses

yuksek lisans tezi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

kromatografi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

doktora tezi, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

bitirme çalışması, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2014 - 2015, 2013 - 2014, 2012 - 2013

enstrümantal analiz 2, Undergraduate, 2019 - 2020, 2018 - 2019

uzmanlık alan dersi(D), Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

uzmanlık alan dersi(yl), Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

analitik kimya, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Enstrümantal analiz 1, Undergraduate, 2019 - 2020, 2018 - 2019

enstrümantal analiz laboratuvarı, Undergraduate, 2019 - 2020, 2018 - 2019

aletli analiz 1, Undergraduate, 2017 - 2018, 2016 - 2017

aletli analiz laboratuvarı, Undergraduate, 2017 - 2018, 2016 - 2017

aletli analiz 2, Undergraduate, 2017 - 2018, 2016 - 2017

### Advising Theses

Aşçı B., Deneysel tasarım uygulanarak yüksek performanslı sıvı kromatografisi ile ilaç analizi ve validasyonu, Postgraduate, E.PİNGO(Student), 2020

Aşçı B., Çok değişkenli kalibrasyon yöntemi ile çoklu karışım analizi ve doğrulama, Postgraduate, E.Şen(Student), 2019

Aşçı B., Şurup örneğindeki etken ve katkı madde analizi ve validasyonu, Postgraduate, Ö.HACIMUSTAFA(Student), 2019  
Aşçı B., Alpdoğan G., etodolak,tiyokorşikosit,famotodin ilaç etken maddelerinin hplc ile analiz ve validasyonu, Postgraduate, N.Suiçer(Student), 2017  
Aşçı B., Gıda katkı maddelerinin HPLC ile analizi ve validasyonu, Postgraduate, D.KÜÇÜKKARACA(Student), 2014  
Aşçı B., Çok bileşenli karışımların HPLC ile analizi için deneysel tasarım ve validasyon, Postgraduate, M.KOÇ(Student), 2014

## Jury Memberships

Doctorate, tez savunma jurisi, yıldız teknik üniversitesi, June, 2017

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

- I. **Development of a Validated Stability-Indicating HPLC Method for Vinpocetine in the Presence of Potential Impurities in Tablet Dosage Form by Multiresponse Optimization**  
Karaer O., Dinc-Zor S., AŞÇI B.  
JOURNAL OF AOAC INTERNATIONAL, vol.105, no.3, pp.688-695, 2022 (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., AŞÇI B., BOZDOĞAN A. E.  
JOURNAL OF AOAC INTERNATIONAL, vol.103, no.3, pp.779-783, 2020 (SCI-Expanded)
- III. **Chemometric optimization of an HPLC method for the simultaneous analysis of a multi component drug product by the help of central composite design**  
Dinç-Zor Ş., Dönmez Ö., Aşçı B., Pingo E.  
MICROCHEMICAL JOURNAL, vol.152, 2020 (SCI-Expanded)
- IV. **Experimental Design Approach to Optimize HPLC Separation of Active Ingredients, Preservatives, and Colorants in Syrup Formulation**  
Dinç Zor Ş., Aşçı B., Donmez Ö., Hacimustafa Ö.  
JOURNAL OF AOAC INTERNATIONAL, vol.102, no.5, pp.1523-1529, 2019 (SCI-Expanded)
- V. **Simultaneous HPLC-DAD determination of pseudoephedrine HCl, sodium benzoate, sunset yellow, and methyl paraben in syrup preparation by use of partial least squares and principal component regression**  
Donmez Ö., Dinç Zor Ş., Aşçı B., Şen E.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.42, pp.648-653, 2019 (SCI-Expanded)
- VI. **Optimum HPLC Conditions for Determination of Dibucaine HCL, Fluocortolone Pivalate and Fluocortolone Caproate by Using Experimental Design**  
Aşçı B., Koc M.  
CURRENT PHARMACEUTICAL ANALYSIS, vol.15, pp.32-38, 2019 (SCI-Expanded)
- VII. **Simultaneous Quantitative Analysis of Ephedrine HCl, Guaifenesin, and Some Synthetic Additives in Syrups by RP-HPLC Using Box-Behnken Design**  
AKSU DÖNMEZ Ö., AŞÇI B., DİNÇ ZOR Ş., Aslan Çakır A.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.1, pp.85-94, 2018 (SCI-Expanded)
- VIII. **A Novel RP-HPLC Method for the Simultaneous Analysis of Some Active Ingredients in Cough-Cold Syrup Formulation**  
Zor S. D., Donmez O. A., Aşçı B., Yarkadaş G.  
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, pp.304-313, 2017 (SCI-Expanded)
- IX. **Simultaneous Determination of Potassium Sorbate, Sodium Benzoate, Quinoline Yellow and Sunset Yellow in Lemonades and Lemon Sauces by HPLC Using Experimental Design**  
Zor S. D., Aşçı B., Donmez O. A., Kucukkaraca D. Y.

JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.54, pp.952-957, 2016 (SCI-Expanded)

- X. **Development and Validation of HPLC Method for the Simultaneous Determination of Five Food Additives and Caffeine in Soft Drinks**  
Aşçı B., Zor S. D., Donmez Ö.  
INTERNATIONAL JOURNAL OF ANALYTICAL CHEMISTRY, 2016 (SCI-Expanded)
- XI. **CHROMATOGRAPHIC AND CHEMOMETRICS-ASSISTED SPECTROPHOTOMETRIC METHODS FOR THE SIMULTANEOUS DETERMINATION OF ALLOBARBITAL, ADIPHENINE HYDROCHLORIDE, AND PARACETAMOL IN SUPPOSITORY**  
Dinc S., Donmez O. A., AŞÇI B., BOZDOĞAN A. E.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.37, no.4, pp.560-571, 2014 (SCI-Expanded)
- XII. **Spectrophotometric Multicomponent Resolution of a Tablet Formulation Containing Lisinopril and Hydrochlorothiazide by Multivariate Calibration Methods**  
DİNÇ Ş., Donmez Ö., AŞÇI B., BOZDOĞAN A. E.  
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.2, pp.999-1002, 2013 (SCI-Expanded)
- XIII. **Simultaneous determination of potassium guaiacolsulfonate, guaifenesin, diphenhydramine HCl and carbetapentane citrate in syrups by using HPLC-DAD coupled with partial least squares multivariate calibration**  
Donmez O. A., Aşçı B., Bozdogan A., Sungur S.  
TALANTA, vol.83, pp.1601-1605, 2011 (SCI-Expanded)
- XIV. **SIMULTANEOUS DETERMINATION OF PARACETAMOL, PSEUDOEPHEDRINE HYDROCHLORIDE, AND DEXTROMETHORPHAN HYDROBROMIDE IN TABLETS USING MULTIVARIATE CALIBRATION METHODS COUPLED WITH HPLC-DAD**  
Aşçı B., Donmez O. A., Bozdogan A., Sungur S.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.34, pp.1686-1698, 2011 (SCI-Expanded)
- XV. **Simultaneous Determination of Colourant Mixtures Used in Pharmaceuticals by Derivative UV-Spectrophotometry**  
AŞÇI B., Donmez O. A., ÖZGÜR M.  
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.7, pp.5672-5678, 2010 (SCI-Expanded)
- XVI. **Experimental design of reversed-phase high performance liquid chromatographic conditions for simultaneous determination of ibuprofen, pseudoephedrine hydrochloride, chlorpheniramine maleate, and nipagen**  
AŞÇI B., Donmez O. A., BOZDOĞAN A. E., SUNGUR S.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, no.7, pp.743-748, 2010 (SCI-Expanded)
- XVII. **Preparation and Metal Sorption Properties of GMA-MMA-DVB Microspheres Functionalized with 2-Aminothiazole**  
BERBER H., Alpdoan G., AŞÇI B., Yildirim H., Sungur S.  
ANALYTICAL LETTERS, vol.43, no.15, pp.2331-2339, 2010 (SCI-Expanded)
- XVIII. **Determination of some heavy metal ions with a carbon paste electrode modified by poly(glycidylmethacrylate-methylmethacrylate-divinylbenzene) microspheres functionalized by 2-aminothiazole**  
Sar E., Berber H., Asct B., Cankurtaran H.  
ELECTROANALYSIS, vol.20, pp.1533-1541, 2008 (SCI-Expanded)
- XIX. **Simultaneous derivative spectrophotometric determination of Co(H), Cu(II) and Fe(H) using di-2-pyridylketone thiosemicarbazone (DPKT) without extraction**  
Asci B., Alpdoan G., Sungur S.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.27, no.2, pp.71-82, 2008 (SCI-Expanded)
- XX. **Liquid chromatographic determination of Co(II), Cu(II), Ni(II), and Fe(II) using di-2-pyridylketone thiosemicarbazone (DPKT) as derivatizing reagent**  
Asci B., Alpdoan G., Sungur S.

JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.31, no.9, pp.1299-1305, 2008 (SCI-Expanded)

- XXI. **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)**  
Keser Karaoglan G., Guemruekcue G., Oezguer M. U., Bozdogan A. E., Asci B.  
ANALYTICAL LETTERS, vol.40, no.10, pp.1893-1903, 2007 (SCI-Expanded)
- XXII. **Preconcentration of some trace metal ions from drinking and tap water samples by sorption on amberlite XAD-4 after complexation with di-2-pyridyl ketone thiosemicarbazone**  
Aşçı B., Alpdoğan G., Sungur S.  
ANALYTICAL LETTERS, vol.39, no.5, pp.997-1007, 2006 (SCI-Expanded)
- XXIII. **A rapid spectrophotometric method to resolve ternary mixtures of propyphenazone, caffeine, and acetaminophen in tablets**  
OZGUR M., Alpdogan G., ASCI B.  
MONATSHEFTE FUR CHEMIE, vol.133, no.2, pp.219-223, 2002 (SCI-Expanded)

## 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. **DEVELOPMENT and OPTIMIZATION of an HPLC METHOD for the SIMULTANEOUS ANALYSIS of a MULTI COMPONENT DRUGPRODUCT by the help of CENTRAL COMPOSITE DESIGN**  
Aşçı B., Dinç Zor Ş., Aksu Dönmez Ö., Pingo E.  
5th International Conference on New Trends in Chemistr, Athens, Greece, 22 April - 24 July 2019, pp.86-87
- II. **validation and analysis of assay impurty,residual solvents of effervescent tablet**  
Aşçı B., Kalkan Ö., Ozparlak N.  
2nd international conference on advances in science , İstanbul, Turkey, 13 - 15 September 2017, pp.191
- III. **Experimental Design Approach to Optimize HPLC Separation of Active Ingredients, Preservatives and Colorants in Syrup Formulation (Oral Presentation)**  
Dinç Zor Ş., Aşçı B., Aksu Dönmez Ö., Karamustafa Ö.  
12. International Symposium on Pharmaceutical Sciences (ISOPS12), Ankara, Turkey, 26 June 2018, pp.1
- IV. **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., AŞCI 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
- V. **SIMULTANEOUS QUANTITATIVE ANALYSIS OF A MULTICOMPONENT DRUG BY HPLC WITH THE AID OF EXPERIMENTAL DESIGN (ORAL PRESENTATION)**  
DİNÇ ZOR Ş., AKSU DÖNMEZ Ö., AŞCI B., Yarkadaş G.  
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE ICAS 2017, İstanbul, Turkey, 13 September 2017, pp.203
- VI. **Determination and validation of dibucaine HCl,fluocortolone pivalate and fluocortolone caproate in pharmaceutical preparation by HPLC**

- Aşçı B., Koç M.  
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 April 2017, pp.30
- VII. **Experimental design of reversed phase high performance liquid chromatographic conditions for simultaneous determination of caffeine allura red ponceau 4R and carmoisine**  
DİNÇ ZOR Ş., AŞÇI B., AKSU DÖNMEZ Ö.  
XVI Latin-American Congress on Chromatography (XVICOLACRO), Lisbon, Portugal, 5 - 09 January 2016, pp.423
- VIII. **Simultaneous Determination of Potassium Sorbate, Sodium Benzoate, Quinoline Yellow and Sunset Yellow in Lemonades and Lemon Sauces by HPLC, Using Experimental Design**  
Aşçı B., Dinç Zor Ş., Aksu Dönmez Ö., Yıldırım Küçükcaraca D.  
All in One Conferences- International Conference on New Trends in Chemistry, Dubai, United Arab Emirates, 24 - 28 March 2015, pp.77
- IX. **Development of A High Performance Liquid Chromatography Method for Simultaneous Determination of Ephedrine, Guaiphenesin and Additives in syprus Samples Using an Experimental Design**  
Aslan Çakır A., AKSU DÖNMEZ Ö., AŞÇI B., DİNÇ ZOR Ş.  
All in One Conferences-International Conference on New Trends in Chemistry, Dubai, United Arab Emirates, 24 - 28 March 2015, pp.83
- X. **İlaç Etken Maddelerinin HPLC ile Birarada Analizi İçin Deneysel Tasarım**  
Koç M., DİNÇ Ş., AŞÇI B.  
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014
- XI. **Experimental Design of Reversed-Phase High Performance Liquid Chromatographic Conditions for Simultaneous Determination of Ascorbic Acid, Potassium Sorbate and Sodium Benzoate**  
AŞÇI B., DİNÇ Ş., AKSU DÖNMEZ Ö.  
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013
- XII. **Potasyum Sorbat, sodyum benzoat, ponzo ve karmosinin HPLC yöntemi ile birarada analizi ve validasyonu**  
AŞÇI B., DİNÇ ZOR Ş., AKSU DÖNMEZ Ö.  
Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 03 September 2012, pp.1
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **AAS and Spectrophotometric Determination of Labetalol in Tablet**  
ALPDOĞAN G., AŞÇI B., Sungur S., DİNÇ Ş.  
7th Aegean Analytical Chemistry Days, Lesvos, Greece, 29 September - 03 October 2010, pp.186
- XVII. **Fe(II) ve Cu(II)'nin Katı Faz Ekstraksiyonu ile Zenginleştirilmesi ve AAS ile Tayini**  
DİNÇ Ş., ALPDOĞAN G., AŞÇI B., Sungur S.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 June 2010
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **Simultaneous Determination of Colarant Mixtures used in Pharmaceuticals by Derivative UV-Spectrophotometry**  
Aşçı B., Aksu Dönmez Ö., Özgür M.  
6th Aegean Analytical Chemistry, Denizli, Turkey, 9 - 13 October 2008, pp.229
- XXII. **Paresetamol, Kafein, Propifenazon İçeren Tabletlerin HPLC ile Analizinin Faktöriyel Tasarım ile Optimizasyonu**  
Eral S., Alpdoğan G., Aşçı B., Bozdoğan A. E.  
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 06 October 2008 - 10 October 2009, pp.27
- XXIII. **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 (Kkct), 6 - 10 October 2008, pp.84
- XXIV. **Cu(II) ve Fe(II)'nin Özenleştirilmesinde Faktöriyel Tasarım ile Optimizasyon**  
DİNÇ ZOR Ş., AŞÇI B., BOZDOĞAN A. E., SUNGUR S.  
22. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 01 October 2008, pp.104
- XXV. **2-Aminotiyazol ile Fonksiyonlandırılmış Poli(glisidilmetakrilat-di-vinilbenzen-metilmetakrilat) Mikrokürel Karbon Pasta Elektrot ile Bazı Ağır Metallerin Eser Analizleri**  
Şar E., AŞÇI B., BERBER YAMAK H., CANKURTARAN H.  
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 August 2007
- XXVI. **(GMA-DVB-MMA)-ATAL Mikrokürelerinin Sentezi ve Metal Zenginleştirilmesi**  
Berber H., Alpdoğan G., Aşçı B., Yıldırım H., Sungur S.  
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007
- XXVII. **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
- XXVIII. **Factorial Design in the Optimization of Preconcentration Procedure for Aluminium Determination by AAS**  
Dinç Zor Ş., Bozdoğan A. E., Alpdoğan G., Aşçı B., Sungur S.  
9th Eurasia Conference on Chemical Sciences (EuAsC2S-9), Antalya, Turkey, 9 - 13 September 2006, pp.313-317
- XXIX. **Fe(II), Ni(II), Co(II), Cu(II)'nin Salisilaldehit benzoil hidrazon Kompleksi Halinde Katı Faz Ekstraksiyonu**  
Aslan A., Aşçı B., Alpdoğan G.  
XIX. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005, pp.73
- XXX. **Cu(II) ve Fe(II) in Morin Kompleksleri Halinde Özenleştirilmesi ve AAS ile Miktar Tayini**  
Ergüven B., Aşçı B., Sungur S.  
XIX. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005, pp.72
- XXXI. **Co(II), Ni(II), Fe(II) Cu(I), 'nin Di-2-pyridilketon tiyosemikarbazon (DPKT) Kompleksleri Halinde birarada Özenleştirilmesi ve Miktar Tayini**  
Aşçı B., Alpdoğan G., Sungur S.  
XVIII. Ulusal kimya kongresi, Kars, Turkey, 5 - 09 July 2004, pp.195

- XXXII. **“Ni(II), Cu(I), Fe(II) ve Ni(II), Cu(I), Co(II), Karışımlarının Di-2-pyridilketon tiyosemikarbazon Komplekslerinden Yararlanılarak HPLC ile Analizi**  
Aşçı B., Alpdoğan G., Sungur S.  
XVIII Ulusal Kimya Kongresi , Kars, Turkey, 5 - 09 July 2004, pp.194
- XXXIII. **Liquid Chromatographic separation of Co(II),Cu(II),Ni(II),Fe(II) using Di-2-pyridyl ketonethiosemicarbazone(DPKT)as derivatizing reagent**  
ASCI B., ALPDOĞAN G., SUNGUR S.  
2nd Black sea basin conference on Analytical Chemistry, İstanbul, Turkey, 14 September 2003, pp.97
- XXXIV. **A rapid derivative spectrophotometric method of Co(II),Cu(II),Zn(II) mixtures using di-2-pyridyl ketone thiosemicarbazone (DPKT) as reagent**  
AŞÇI B., ALPDOĞAN G., SUNGUR S.  
2nd Black sea basin conference on Analytical Chemistry, İstanbul, Turkey, 14 September 2003, pp.91
- XXXV. **Enrichment of trace amount of Iron(II)on amberlite XAD-4 after complexation with di-2-pyridyl ketone Thiosemicarbazone(DPKT)as derivatizing reagent**  
AŞÇI B., ALPDOĞAN G., SUNGUR S.  
2nd Black sea basin conference on Analytical Chemistry, İstanbul, Turkey, 14 September 2003, pp.94
- XXXVI. **Complexation Properties of 1,3-Dimethoxy 2,4-Dithiocalix[4]arene**  
YILMAZ COŞKUN N., AYTAN KILIÇARSLAN F., AŞÇI B., YALÇIN S. S.  
2nd Black Sea Basin Conference on Analytical Chemistry, İstanbul, Turkey, 14 September 2003, pp.152
- XXXVII. **Di-2-pyridilketon tiyosemikarbazon ‘un Cu<sup>2+</sup> ,Hg<sup>2+</sup>, Zn<sup>2+</sup>,Cd<sup>2+</sup>,Bi<sup>2+</sup> ile Oluşturduğu Komplekslerin Kararlılık Sabitlerinin Potansiyometrik Titrasyon Yöntemi ile Tayini**  
Aşçı B., Bozdoğan A. E., Alpdoğan G., Sungur S.  
XVII.Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 September 2003, pp.53
- XXXVIII. **Zn<sup>2+</sup>, Cd<sup>2+</sup>, Hg<sup>2+</sup> nin Di-2-piridil keton benzoyil hidrazon ile Oluşturduğu Komplekslerin Spektrofotometrik Yöntemle İncelenmesi**  
Aşçı B., Alpdoğan G., Başkan S., Sungur S.  
XVII.Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 September 2003, pp.54
- XXXIX. **Cu’ın XAD Üzerinde Zenginleştirme Şartlarının Araştırılması**  
Aşçı B., Alpdoğan G., Sungur S.  
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 September 2003, pp.55
- XL. **Determination of protonation and stability constant of di-2-pyridyl ketonethiosemicarbazone (DPKT)and its metal complexes**  
ALPDOĞAN G., BOZDOĞAN A. E., AŞÇI B., SUNGUR S.  
The fifth International conference on chemical physics, İstanbul, Turkey, 31 October 2002
- XLI. **Simultaneous derivative spectrophotometric determination of Co(II),Fe(II),Cu(II) using di-2-pyridyl keton thiosemicarbazone (DPKT) without extraction**  
Asçı B., Alpdoğan G., Sungur S.  
3rd Aegean Analytical Chemistry Days, Mitilini, Greece, 29 September 2002, pp.615-617
- XLII. **“ Di-2 Pyridyl keton tiyosemikarbazonun Bazı Metallerle Komplekslerinin Oluşumunun İncelenmesi**  
Aşçı B., Alpdoğan G., Sungur S.  
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.117
- XLIII. **Bazı Heterosiklik Azo Bileşiklerinin Metal Komplekslerinin İncelenmesi**  
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## Non Academic Experience

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