

ÖZGEÇMİŞ VE ESERLER LİSTESİ

ÖZGEÇMİŞ

Adı Soyadı : BURCU DOĞAN TOPAL

Doğum Tarihi : 01.01.1981

Öğrenim Durumu

Doktora 2005-2011	ANKARA ÜNİVERSİTESİ FEN FAKÜLTESİ/KİMYA BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI Tez adı: Bazı antiviral ve antineoplastik ilaç etken maddelerinin DNA ile etkileşimi ve elektrokimyasal analizleri (2011) Tez Danışmanı:(SİBEL AYŞIL ÖZKAN)
Yüksek Lisans 2002-2005	ANKARA ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ/TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI Tez adı: KARVEDİLOL'ÜN ELEKTROKİMYASAL YÖNTEMLERLE MİKTAR TAYİNİ (2005) Tez Danışmanı:(SİBEL AYŞIL ÖZKAN)
Lisans 1998-2002	ANKARA ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ/ECZACILIK PR.

Görevler

ARAŞTIRMA GÖREVLİSİ 2004 ANKARA ÜNİVERSİTESİ/ECZACILIK FAKÜLTESİ/TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI)

Projelerde Yaptığı Görevler:

- H.1 Bazı hipolipidemik ilaçların elektroanalitik incelenmesi, BAP, Araştırmacı, 2003-2006
- H.2 Bazı antiviral ilaçların DNA ile etkileşmesinin elektrokimyasal olarak incelenmesi ve DNA biyosensörleri tasarımında kullanılması, DİĞER, Araştırmacı, 2006-2009
- H.3 Sefalosporin grubu (lorakarbef, sefprozil, sefaklor, sefaperazone, sefodizim, seftazidime ve sefataxim) antibiyotiklerin Cu(II), Co(II), Ni(II), Zn(II), Cd(II), Fe(II), Fe(III), Pt(II), Pd(II) ve Ru (II) komplekslerinin sentezi, karakterizasyonu, elektroanalitik, kemilüminesans ve antibakteriyal özelliklerinin araştırılması,, TÜBİTAK PROJESİ, Araştırmacı, 2006-2009
- H.4 Antipsikotik Aripiprazol ilaç etken maddesinin DNA ve hasarlı DNA ile etkileşiminin elektrokimyasal olarak incelenmesine ait biyosensör geliştirilmesi, BAP, Araştırmacı, 2015 (Devam Ediyor)

İdari Görevler

Komisyon Üyesi
2012 ANKARA ÜNİVERSİTESİ/ECZACILIK FAKÜLTESİ

Bilimsel Kuruluşlara Üyelikler

1. FABAD (Farmasötik Bilimler Ankara Derneği), Üye , 2004

Ödüller

1. Teşvik Ödülü, Türkiye Eczacılar Birliği, 2013
2. Ankara Üniversitesi Sağlık Bilimleri Enstitüsü Doktora Tezi Yayın Ödülü , ANKARA ÜNİVERSİTESİ, 2009

A. Uluslararası hakemli dergilerde yayımlanan makaleler :

- A.1 DOĞAN Burcu, USLU Bengi, ÖZKAN Sibel A (2004). Anodic Adsorptive Stripping Voltammetry of the Hypertensive Drug Candesartan Cilexetil at a Glassy Carbon Electrode. *Die Pharmazie*, 59 (11), 840-844., (Kontrol No: 1228925)
- A.2 Dogan Burcu, Ozkan Sibel?A. (2005). Electrochemical Behavior of Carvedilol and Its Adsorptive Stripping Determination in Dosage Forms and Biological Fluids. *Electroanalysis*, 17(22), 2074-2083., Doi: 10.1002/elan.200503336, (Kontrol No: 1228990)
- A.3 GOLCU A, DOĞAN B, OZKAN S (2005). Anodic voltammetric behavior and determination of cefixime in pharmaceutical dosage forms and biological fluids. *Talanta*, 67(4), 703-712., Doi: 10.1016/j.talanta.2005.03.020, (Kontrol No: 1229026)
- A.4 Uslu Bengi, Dogan Burcu, Özkan Sibel?A., Aboul-Enein Hassan?Y. (2005). Voltammetric Investigation and Determination of Mefloquine. *Electroanalysis*, 17(17), 1563-1570., Doi: 10.1002/elan.200403255, (Kontrol No: 1228977)
- A.5 Dogan Burcu, Uslu Bengi, Suzen Sibel, Ozkan Sibel?A. (2005). Electrochemical Evaluation of Nucleoside Analogue Lamivudine in Pharmaceutical Dosage Forms and Human Serum. *Electroanalysis*, 17(20), 1886-1894., Doi: 10.1002/elan.200503307, (Kontrol No: 1228951)
- A.6 Uslu Bengi, Doğan Burcu, Özkan Sibel A. (2005). Electrochemical studies of ganciclovir at glassy carbon electrodes and its direct determination in serum and pharmaceuticals by square wave and differential pulse voltammetry. *Analytica Chimica Acta*, 537(1-2), 307-313., Doi: 10.1016/j.aca.2005.01.022, (Kontrol No: 1229017)
- A.7 Dogan Burcu, Özkan Sibel A., Uslu Bengi (2005). Electrochemical Characterization of Flupenthixol and Rapid Determination of the Drug in Human Serum and Pharmaceuticals by Voltammetry. *Analytical Letters*, 38(4), 641-656., Doi: 10.1081/AL-200050312, (Kontrol No: 1229014)
- A.8 Golcu Ayşegül, Dogan Burcu, Ozkan Sibel A. (2005). Anodic Voltammetric Behavior and Determination of Antihistaminic Agent: Fexofenadine HCl. *Analytical Letters*, 38(12), 1913-1931., Doi: 10.1080/00032710500230871, (Kontrol No: 1228968)
- A.9 Uslu Bengi, Dogan Burcu, Özkan Sibel A., Aboul-Enein Hassan Y. (2005). Electrochemical behavior of vardenafil on glassy carbon electrode: Determination in tablets and human serum. *Analytica Chimica Acta*, 552(1-2), 127-134., Doi: 10.1016/j.aca.2005.07.040, (Kontrol No: 1228999)
- A.10 DOĞAN Burcu, CANBAZ Duygu, ÖZKAN Sibel A, USLU Bengi (2006). Electrochemical methods for determination of protease inhibitor indinavir sulfate in pharmaceuticals and human serum.. *Die Pharmazie*, 61(5), 409-413., (Kontrol No: 1229058)
- A.11 Bozkaya Pinar, Dogan Burcu, Suzen Sibel, Nebioğlu Doğu, Özkan Sibel A (2006). Determination and investigation of electrochemical behaviour of 2-phenylindole derivatives: Discussion on possible mechanistic pathways.. *The Canadian Journal of Analytical Sciences and Spectroscopy*, 51(3), 125-139., (Kontrol No: 1229085)
- A.12 Ostatná Veronika, Uslu Bengi, Dogan Burgu, Ozkan Sibel, Pale?ek Emil (2006). Native and denatured bovine serum albumin. D.c. polarography, stripping voltammetry and constant current chronopotentiometry. *Journal of Electroanalytical Chemistry*, 593(1-2), 172-178., Doi: 10.1016/j.jelechem.2006.03.037, (Kontrol No: 1229038)
- A.13 Ozkan Sibel A., Dogan Burcu, Uslu Bengi (2006). Voltammetric Analysis of the Novel Atypical Antipsychotic Drug Quetiapine in Human Serum and Urine. *Microchimica Acta*, 153(1-2), 27-35., Doi: 10.1007/s00604-005-0457-x, (Kontrol No: 1229167)
- A.14 Erdurak-Kiliç C. S., Uslu B., Dogan B., Ozgen U., Ozkan S. A., Coskun M. (2006). Anodic voltammetric behavior of ascorbic acid and its selective determination in pharmaceutical dosage forms and some Rosa species of Turkey. *Journal of Analytical Chemistry*, 61(11), 1113-1120., Doi: 10.1134/S106193480611013X, (Kontrol No: 1229154)
- A.15 Tuncel M., Dogrukol-Ak D., Yeniceli D., Uslu B., Dogan B. (2006). CE Determination of Droperidol in Tablets and Human Serum. *Chromatographia*, 63(9-10), 507-511., Doi: 10.1365/s10337-006-0775-0, (Kontrol No: 1229042)
- A.16 Altun Yüksel, Dogan Burcu, Özkan Sibel A, Uslu Bengi (2007). Development and Validation of Voltammetric Techniques for Nabumeton in Pharmaceutical Dosage Form, Human Serum and Urine. *Acta Chimica Slovenica*, 54(2), 287-294., (Kontrol No: 1229189)
- A.17 Dogan-Topal B., Ozkan S. A., Uslu B. (2007). Simultaneous Determination of Abacavir, Efavirenz and Valganciclovir in Human Serum Samples by Isocratic HPLC-DAD Detection. *Chromatographia*, 66(S1), 25-30., Doi: 10.1365/s10337-007-0302-y, (Kontrol No: 1229210)
- A.18 Dogan-Topal Burcu, Uslu Bengi, Ozkan Sibel (2007). Investigation of Electrochemical Behavior of Lipid Lowering Agent Atorvastatin Calcium in Aqueous Media and its Determination from Pharmaceutical Dosage Forms and Biological Fluids Using Boron-Doped Diamond and Glassy Carbon Electrodes. *Combinatorial Chemistry & High Throughput Screening*, 10(7), 571-582., Doi:

A. Uluslararası hakemli dergilerde yayımlanan makaleler :

10.2174/138620707782152407 , (Kontrol No: 1229201)

- A.19 Dogan-Topal B., Uslu B., Ozkan S. A. (2007). Development and Validation of an RP-HPLC Method for Determination of Valganciclovir in Human Serum and Tablets. *Chromatographia*, 66(S1), 97-101., Doi: 10.1365/s10337-007-0259-x, (Kontrol No: 1229321)
- A.20 Dogan Burcu, Tuncel Seçil, Uslu Bengi, Özkan Sibel A. (2007). Selective electrochemical behavior of highly conductive boron-doped diamond electrodes for fluvastatin sodium oxidation. *Diamond and Related Materials*, 16(9), 1695-1704., Doi: 10.1016/j.diamond.2007.05.001, (Kontrol No: 1229195)
- A.21 Dogan Burcu, Uslu Bengi, Ozkan Sibel A., Zuman Petr (2008). Electrochemical Determination of HIV Drug Abacavir Based on Its Reduction. *Analytical Chemistry*, 80(1), 209-216., Doi: 10.1021/ac0713151 , (Kontrol No: 1229340)
- A.22 Uslu Bengi, Topal Burcu Dogan, Ozkan Sibel A. (2008). Electroanalytical investigation and determination of pefloxacin in pharmaceuticals and serum at boron-doped diamond and glassy carbon electrodes. *Talanta*, 74(5), 1191-1200., Doi: 10.1016/j.talanta.2007.08.023, (Kontrol No: 1229348)
- A.23 Dogan Burcu, Golcu Aysegul, Dolaz Mustafa, Ozkan Sibel (2009). Electrochemical Behaviour of the Bactericidal Cefoperazone and its Selective Voltammetric Determination in Pharmaceutical Dosage Forms and Human Serum. *Current Pharmaceutical Analysis*, 5(2), 179-189., Doi: 10.2174/157341209788172924, (Kontrol No: 1229358)
- A.24 Dogan Burcu, Golcu Aysegul, Dolaz Mustafa, Ozkan Sibel (2009). Anodic Oxidation of Antibacterial Drug Cefotaxime Sodium and its Square Wave and Differential Pulse Voltammetric Determination in Pharmaceuticals and Human Serum. *Current Pharmaceutical Analysis*, 5(2), 197-207., Doi: 10.2174/157341209788172861, (Kontrol No: 1229432)
- A.25 Topal Burcu Dogan, Golcu Aysegul, Ozkan Sibel A. (2009). Electrochemical Investigation and Determination of the Antibacterial Loracarbef by Voltammetric Methods. *Analytical Letters*, 42(4), 689-705., Doi: 10.1080/00032710802678637, (Kontrol No: 1229422)
- A.26 Bozal Burçin, Doğan-Topal Burcu, Uslu Bengi, Özkan Sibel A., Aboul-Enein Hassan Y. (2009). Quantitative Analysis of Irbesartan in Pharmaceuticals and Human Biological Fluids by Voltammetry. *Analytical Letters*, 42(14), 2322-2338., Doi: 10.1080/00032710903137491, (Kontrol No: 1229448)
- A.27 Altun Yuksel, Dogan-Topal Burcu, Uslu Bengi, Ozkan Sibel A. (2009). Anodic behavior of sertindole and its voltammetric determination in pharmaceuticals and human serum using glassy carbon and boron-doped diamond electrodes. *Electrochimica Acta*, 54(6), 1893-1903., Doi: 10.1016/j.electacta.2008.10.010, (Kontrol No: 1229459)
- A.28 Dogan-Topal Burcu, Uslu Bengi, Ozkan Sibel A. (2009). Voltammetric studies on the HIV-1 inhibitory drug Efavirenz: The interaction between dsDNA and drug using electrochemical DNA biosensor and adsorptive stripping voltammetric determination on disposable pencil graphite electrode. *Biosensors and Bioelectronics*, 24(8), 2358-2364., Doi: 10.1016/j.bios.2008.12.005, (Kontrol No: 1229441)
- A.29 Dogan-Topal Burcu, Bozal Burcin, Demircigil B. Tolga, Uslu Bengi, Ozkan Sibel A. (2009). Electroanalytical Studies and Simultaneous Determination of Amlodipine Besylate and Atorvastatine Calcium in Binary Mixtures Using First Derivative of the Ratio-Voltammetric Methods. *Electroanalysis*, 21(22), 2427-2439., Doi: 10.1002/elan.200904689, (Kontrol No: 1229411)
- A.30 Tarınc Derya, Dogan Topal Burcu, Dolaz Mustafa, Golcu Aysegül, Ozkan Sibel A (2010). Synthesis, Characterization, Biological Activity and Voltammetric Behavior and Determination of Cefaclor Metal Complexes.. *Current Analytical Chemistry*, 6(4), 316-328., (Kontrol No: 1229559)
- A.31 DOĞAN TOPAL B, ÖZKAN SA, USLU B (2010). The analytical applications of square wave voltammetry on pharmaceutical analysis. *The Open Chemical and Biomedical Methods Journal*, 3, 56-73., (Kontrol No: 1229485)
- A.32 Dogan-Topal Burcu, Tuncel Secil, A. Ozkan Sibel (2010). Anodic Voltammetric Behavior and Determination of Rosiglitazone in Pharmaceutical Dosage Forms and Biological Fluids on Solid Electrode. *Combinatorial Chemistry & High Throughput Screening*, 13(8), 694-702., Doi: 10.2174/138620710791920419, (Kontrol No: 1229514)
- A.33 KUL Dilek, DOĞAN TOPAL Burcu, KUTUCU Tugba, USLU Bengi, OZKAN Sibel A (2010). High-Performance Liquid Chromatographic and First Derivative of the Ratio Spectrophotometric Determination of Amlodipine and Valsartan in Their Binary Mixtures. *Journal of AOAC International*, 93, 882-890., (Kontrol No: 1229509)
- A.34 Dogan-Topal Burcu, Ozkan Sibel A. (2011). A novel sensitive electrochemical DNA biosensor for assaying of anticancer drug leuprolide and its adsorptive stripping voltammetric determination. *Talanta*, 83(3), 780-788., Doi: 10.1016/j.talanta.2010.10.049, (Kontrol No: 1229669)

A. Uluslararası hakemli dergilerde yayımlanan makaleler :

- A.35 Demircigil B. Tolga, Dogan-Topal Burcu, Ozkan Sibel A. (2011). Simultaneous determination of L-dopa and benserazide in binary mixtures using first derivative of the ratio-voltammetric methods based on their oxidation on solid electrode. *Collection of Czechoslovak Chemical Communications*, 76(12), 1717-1736., Doi: 10.1135/cccc2011136, (Kontrol No: 1229565)
- A.36 Dogan-Topal B., Kul Dilek, Ozkan Sibel A., Uslu B. (2011). Anodic behaviour of fulvestrant and its voltammetric determination in pharmaceuticals and human serum on highly boron-doped diamond electrode using differential pulse adsorptive stripping voltammetry. *Journal of Applied Electrochemistry*, 41(11), 1253-1260., Doi: 10.1007/s10800-011-0355-3, (Kontrol No: 1229659)
- A.37 Satana H. Eda, Dogan-Topal Burcu, Ozkan Sibel A. (2011). Electrochemical Characterization and Rapid Voltammetric Determination of Riluzole in Pharmaceuticals and Human Serum. *Analytical Letters*, 44(6), 976-990., Doi: 10.1080/00032719.2010.506936, (Kontrol No: 1229602)
- A.38 Dogan-Topal Burcu, Ozkan Sibel A. (2011). Electrochemical determination of anticancer drug fulvestrant at dsDNA modified pencil graphite electrode. *Electrochimica Acta*, 56(12), 4433-4438., Doi: 10.1016/j.electacta.2011.01.066, (Kontrol No: 1229572)
- A.39 Kul Dilek, Dogan-Topal Burcu, Özkan Sibel A., Uslu Bengi (2011). Differential Pulse Voltammetric Determination of Fulvestrant in Pharmaceutical Dosage Forms and Serum Samples. *International Journal of Electrochemistry*, 2011, 1-7., Doi: 10.4061/2011/941583, (Kontrol No: 1229625)
- A.40 BOZAL Burcin, DOĞAN TOPAL Burcu, USLU Bengi, ABOUL ENEIN Hassan Y, ÖZKAN Sibel A (2012). Electrochemical study of the interaction between the antibacterial drug gemifloxacin with dsDNA using pencil graphite electrode. *Current Analytical Chemistry*, 8(4), 528-533., (Kontrol No: 1229710)
- A.41 Bozal-Palabiyik Burcin, Dogan-Topal Burcu, Uslu Bengi, Can Alp, Ozkan Sibel A. (2013). Sensitive voltammetric assay of etoposide using modified glassy carbon electrode with a dispersion of multi-walled carbon nanotube. *Journal of Solid State Electrochemistry*, 17(11), 2815-2822., Doi: 10.1007/s10008-013-2184-2, (Kontrol No: 1229745)
- A.42 Bozal Burcin, Gumustas Mehmet, -Topal Burcu Dogan, Uslu Bengi, Ozkan Sibel A. (2013). Fully Validated Simultaneous Determination of Bisoprolol Fumarate and Hydrochlorothiazide in Their Dosage Forms Using Different Voltammetric, Chromatographic, and Spectrophotometric Analytical Methods. *Journal of AOAC International*, 96(1), 42-51., Doi: 10.5740/jaoacint.11-364, (Kontrol No: 1229785)
- A.43 Kurbanoglu Sevinc, Dogan-Topal Burcu, Uslu Bengi, Can Alp, Ozkan Sibel A. (2013). Electrochemical Investigations of the Anticancer Drug Idarubicin Using Multiwalled Carbon Nanotubes Modified Glassy Carbon and Pyrolytic Graphite Electrodes. *Electroanalysis*, 25(6), 1473-1482., Doi: 10.1002/elan.201300048, (Kontrol No: 1229739)
- A.44 Dogan-Topal Burcu, Bozal-Palabiyik Burcin, Uslu Bengi, Ozkan Sibel A. (2013). Multi-walled carbon nanotube modified glassy carbon electrode as a voltammetric nanosensor for the sensitive determination of anti-viral drug valganciclovir in pharmaceuticals. *Sensors and Actuators B: Chemical*, 177, 841-847., Doi: 10.1016/j.snb.2012.11.111, (Kontrol No: 1229754)
- A.45 Karadas Nurgul, Sanli Senem, Akmese Bediha, Dogan-Topal Burcu, Can Alp, Ozkan Sibel A. (2013). Analytical application of polymethylene blue-multiwalled carbon nanotubes modified glassy carbon electrode on anticancer drug irinotecan and determination of its ionization constant value. *Talanta*, 115, 911-919., Doi: 10.1016/j.talanta.2013.07.006, (Kontrol No: 1229729)
- A.46 Dogan-Topal Burcu (2013). Electrooxidative behavior and determination of trifluoperazine at multiwalled carbon nanotube-modified glassy carbon electrode. *Journal of Solid State Electrochemistry*, 17(4), 1059-1066., Doi: 10.1007/s10008-012-1967-1, (Kontrol No: 1229769)
- A.47 Kul Dilek, Doğan-Topal Burcu, Özkan Sibel A., Uslu Bengi (2014). Poly(acridine orange)-modified glassy carbon electrodes: electrosynthesis, characterisation and sensor application with uric acid. *Journal of Applied Electrochemistry*, 44(7), 831-840., Doi: 10.1007/s10800-014-0691-1, (Kontrol No: 1229797)
- A.48 Dogan-Topal Burcu, Bozal-Palabiyik Burcin, Ozkan Sibel A., Uslu Bengi (2014). Investigation of anticancer drug lapatinib and its interaction with dsDNA by electrochemical and spectroscopic techniques. *Sensors and Actuators B: Chemical*, 194, 185-194., Doi: 10.1016/j.snb.2013.12.088, (Kontrol No: 1229804)
- A.49 Topal Burcu Dogan, Özkan Sibel A., Uslu Bengi (2014). Direct electrochemistry of native and denatured alpha-2-Macroglobulin by solid electrodes. *Journal of Electroanalytical Chemistry*, 719, 14-18., Doi: 10.1016/j.jelechem.2014.02.008, (Kontrol No: 1229822)
- A.50 Tarinc Derya, Dogan-Topal Burcu, Golcu Aysegul, Ozkan Sibel A. (2014). Electrochemical investigation and determination of ceftazidime in pharmaceutical dosage forms and human urine. *Journal of Analytical Chemistry*, 69(9), 899-908., Doi: 10.1134/S1061934814090056, (Kontrol No: 1229815)

A. Uluslararası hakemli dergilerde yayımlanan makaleler :

- A.51 Cansu Yakar,BOZAL PALABIYIK BURÇİN,DOĞAN TOPAL BURCU,ÖZKAN SİBEL AYŞIL,USLU BENGİ (2015). Recent Analytical Applications on Antihypertensive Drugs. *Revue Roumaine de Chimie*, 60, 427-445., (Kontrol No: 1602463)
- A.52 DOĞAN TOPAL BURCU,BOZAL PALABIYIK BURÇİN,ÖZKAN SİBEL AYŞIL,USLU BENGİ (2015). Electrochemical oxidation mechanism of anticancer drug Nilotinib. *Revue Roumaine de Chimie*, 60, 467-475., (Kontrol No: 1602425)
- A.53 KURBANOĞLU SEVİNÇ,DOĞAN TOPAL BURCU,Lenka Hlavata,Jan Labuda,ÖZKAN SİBEL AYŞIL, USLU BENGİ (2015). Electrochemical investigation of an interaction of the antidepressant drug aripiprazole with original and damaged calf thymus dsDNA. *Electrochimica Acta*, 169, 233-240., Doi: 10.1016/j.electacta.2015.04.087, (Kontrol No: 1602518)

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler :

- B.1 Dogan Burcu, Özkan Sibel A (2005). Anodic voltametric behavior of carvedilol and its adsorptive stripping determination in tablets and biological fluids. 11th Meeting on Recent Developments in Pharmaceutical Analysis (Poster) (Kontrol No: 1230098)
- B.2 Uslu Bengi, Dogan Burcu, Özkan Sibel A (2005). Voltammetric oxidation and determination of Atorvastatine in pharmaceuticals and biological media. 11th Meeting on Recent Developments in Pharmaceutical Analysis (Poster) (Kontrol No: 1230061)
- B.3 Gölcü Ayşegül, Dogan Burcu, Özkan Sibel A (2005). Voltammetric analysis of antihistaminic agent: Fexofenadine HCl in pharmaceuticals and biological samples. 11th Meeting on Recent Developments in Pharmaceutical Analysis (Poster) (Kontrol No: 1230069)
- B.4 Özkan Sibel A, Dogan Burcu, Uslu Bengi, Süzen Sibel (2006). Cathodic voltammetric behavior and determination of nucleoside analogue lamivudine in pharmaceutical dosage forms and biological fluids. *Drug Analysis (Poster)* (Kontrol No: 1230117)
- B.5 Bozkaya Pınar, Doğan Burcu, Suzen Sibel, Nebioğlu Doğu, Özkan Sibel A (2006). Determination and Investigation of Electrochemical Behaviour of 2-Phenylindole Derivatives: Discussion on Possible Mechanistic Pathways. 8th International Symposium on Pharmaceutical Science (Poster) (Kontrol No: 1230148)
- B.6 Altun Yüksel, Doğan Burcu, Özkan Sibel A, Uslu Bengi (2006). Voltammetric methods for analytical determination of nabumetone in pharmaceutical dosage forms, human serum and urine. 8th International Symposium on Pharmaceutical Science (Poster) (Kontrol No: 1230131)
- B.7 Doğan Burcu, Uslu Bengi, Özkan Sibel A (2006). Electrochemical oxidation of pefloxacin at boron-doped diamond electrode and its direct determination in serum and pharmaceuticals by square wave and differential pulse voltammetry. 8th International Symposium on Pharmaceutical Science (Poster) (Kontrol No: 1230138)
- B.8 Gölcü Ayşegül, Doğan Burcu, Özkan Sibel A (2006). Anodic Voltammetric Behavior and Determination of Cefixime in Pharmaceutical Dosage Forms and Biological Fluids. International Congress on Analytical Science (Poster) (Kontrol No: 1230174)
- B.9 Uslu Bengi, Doğan Burcu, Özkan Sibel A (2006). Electrochemical studies of ganciclovir at glassy carbon electrodes and its direct determination in serum and pharmaceuticals by square wave and differential pulse voltammetry. International Congress on Analytical Science (Poster) (Kontrol No: 1230184)
- B.10 Özkan Sibel A, Doğan Burcu, Uslu Bengi (2006). Anodic voltammetry of quetiapine and its determination in pharmaceuticals and biological fluids. International Congress on Analytical Science (Poster) (Kontrol No: 1230161)
- B.11 Doğan-Topal Burcu, Özkan Sibel A, Uslu Bengi (2007). Simultaneous Determination of Abacavir, Efavirenz and Valganciclovir in Human Serum Samples by Isocratic High Performance Liquid Chromatography with DAD Detection. 12th European Conference on the Spectroscopy of Biological Molecules (Poster) (Kontrol No: 1230218)
- B.12 Doğan-Topal Burcu, Uslu Bengi, Özkan Sibel A (2007). Development and Validation of Reversed Phase High Performance Liquid Chromatography Method for Determination of Valganciclovir in Human Serum and Tablets. 12th European Conference on the Spectroscopy of Biological Molecules (Poster) (Kontrol No: 1230227)
- B.13 Doğan-Topal Burcu, Kul Dilek, Özkan Sibel A, Uslu Bengi (2009). Electroanalytical determination of fulvestrant in pharmaceutical formulations on boron-doped diamond electrode using, differential pulse adsorptive stripping voltammetry. International Symposium on Drug Research&Development 2009 (Poster) (Kontrol No: 1230328)
- B.14 Doğan-Topal Burcu, Uslu Bengi, Özkan Sibel A (2009). Electrochemical studies of the interaction of the HIV-1 inhibitory drug efavirenz with dsDNA on disposable pencil graphite electrode. 9th International Symposium on Pharmaceutical Science (Poster) (Kontrol No: 1230357)

- B.15 Altun Yüksel, Doğan-Topal Burcu, Uslu Bengi, Özkan Sibel A (2009). Anodic behavior of sertindole and its voltammetric determination in pharmaceuticals and human serum using glassy carbon and boron-doped diamond electrodes. 9th International Symposium on Pharmaceutical Science (Poster) (Kontrol No: 1230345)
- B.16 Kul Dilek, Doğan-Topal Burcu, Kutucu Tugba, Uslu Bengi, Özkan Sibel A. (2009). High-performance liquid chromatographic determination of amlodipine and valsartan in their binary mixtures. 9th International Symposium on Pharmaceutical Science (Poster) (Kontrol No: 1230351)
- B.17 Gumustas Mehmet, Bozal Burçin, Doğan-Topal Burcu, Özkan Sibel A , Uslu Bengi (2010). Optimization of LC Methods for the Simultaneous Determination of Bisoprolol and Hydrochlorothiazide in Their Pharmaceutical Dosage Form. 28th International Symposium on Chromatography (Poster) (Kontrol No: 1230377)
- B.18 Bengi Uslu, Burcin Bozal, Mehmet Gumustas, Burcu Dogan Topal, Sibel A. Ozkan (2011). Analytical Applications Of Voltammetric Methods For The Simultaneous Determination Of Bisoprolol Fumarate And Hydrochlorothiazide In Their Dosage Forms. 9th Spring Meeting of the International Society of Electrochemistry (Poster) (Kontrol No: 1230397)
- B.19 DoğanTopal Burcu, Özkan Sibel A (2012). Electrochemical Determination of Anticancer Drug Fulvestrant at dsDNA Modified Pencil Graphite Electrode. 14th International Conference on Electroanalysis (Poster) (Kontrol No: 1230414)
- B.20 Bozal-Palabiyık Burçin, Doğan-Topal Burcu, Uslu Bengi, Özkan Sibel A (2012). Voltammetric determination of the anticancer drug etoposide using carbon nanotubes modified glassy carbon electrode. 14th International Conference on Electroanalysis (Poster) (Kontrol No: 1230410)
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- B.25 Dogan-Topal Burcu, Bozal-Palabiyık Burcin, Ozkan Sibel A., Uslu Bengi (2013). Electrochemical and spectroscopic studies of the interaction between anticancer drug lapatinib and calf thymus DNA. XVII Euroanalysis (Poster) (Kontrol No: 1230557)
- B.26 Dogan-Topal Burcu, Uslu Bengi, Ozkan Sibel A. (2013). Electrochemical oxidation of alpha-2-macroglobulin on carbon electrodes. 6th Black Sea Basin Conference on Analytical Chemistry (Poster) (Kontrol No: 1230572)
- B.27 Uslu Bengi, Dogan-Topal Burcu, Bozal-Palabiyık Burcin, Ozkan Sibel A (2013). Sensitive determination of antiviral drug valganciclovir based on multi-walled carbon nanotube modified glassy carbon electrode in pharmaceutical dosage forms. 6th Black Sea Basin Conference on Analytical Chemistry (Poster) (Kontrol No: 1230570)
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- B.29 Burcu Dogan-Topal, Burcin Bozal-Palabiyık, Sibel A. Ozkan, Bengi Uslu (2014). Electrochemical Mechanism and Kinetic studies of Nilotinib. 2nd International Conference on Analytical Chemistry (Poster) (Kontrol No: 1230622)
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- B.31 Göksu Özçelikay,DOĞAN TOPAL BURCU,ÖZKAN SİBEL AYŞIL (2015). Electrochemical behaviour of antiviral drug tenofovir on glassy carbon electrode. 11th International Symposium on Pharmaceutical Sciences (Poster) (Kontrol No: 1601300)
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- B.33 DOĞAN TOPAL BURCU,KURBANOĞLU SEVİNÇ,Lenka Hlavata,Jan Labuda,ÖZKAN SİBEL AYŞIL, USLU BENĞİ (2015). UV-Visible Spectrophotometric Study of the Interaction of Aripiprazole with dsDNA. 26th International Symposium on Pharmaceutical and Biomedical Analysis (Poster) (Kontrol No: 1601368)
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C. Yazılan ulusal/uluslararası kitaplar veya kitaplardaki bölümler:

C2. Yazılan ulusal/uluslararası kitaplardaki bölümler:

- C2.1 Eczacılıkta Yenilikler 2, Bölüm adı:(DNA biyosensörlerinin ilaç analizinde kullanımı) (2010)., Doğan Topal Burcu, Ozkan Sibel A, Uslu Bengi, Ankara Üniversitesi Eczacılık Fakültesi Yayın No: 99, Ankara Üniversitesi Yayınları No. 284, ISBN:978-975-482-918-1, Türkçe(Bilimsel Kitap), (Kontrol No: 1148248)

E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:

- E.1 Erdurak Ceyda S, Uslu Bengi, Doğan Burcu, Özgen Ufuk, Özkan Sibel A, Coşkun Maksut (2004). Askorbik asit'in ilaçlarda ve bazı Rosa türleri ekstralarında voltametrik ve yüksek basınç sıvı kromatografisi yöntemleri ile tayini. XV. Bitkisel İlaç Hammaddeleri Toplantısı, (Kontrol No: 1230047)
- E.2 Bozal-Palabıyık Burçin, Doğan-Topal Burcu, Uslu Bengi, Özkan Sibel A , Aboul-Enein Hassan Y (2006). Vardenafil'in ilaçlardan ve kan serumundan voltametrik yöntemlerle tayini. III. Ulusal Analitik Kimya Kongresi, (Kontrol No: 1230195)
- E.3 Doğan-Topal Burcu, Tuncel Secil, Uslu Bengi, Özkan Sibel A (2008). İlaçlardan fluvastatin'in elmas elektrot ile voltametrik tayini. IV. Ulusal Analitik Kimya Kongresi, (Kontrol No: 1230294)
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- E.5 Uslu Bengi, Doğan-Topal Burcu, Ozkan Sibel A (2008). Electrochemical characterization of pefloxacin and rapid determination of the drug in pharmaceuticals and serum at boron-doped diamond and glassy carbon electrodes. XXII. Ulusal Kimya Kongresi, (Kontrol No: 1230313)
- E.6 Doğan-Topal Burcu, Ozkan Sibel A (2012). Efavirenz'in İlaçlardan Adsorptif Sıyırma Voltametriyle Kalem Grafit Elektrotla Miktar Tayini. 6. Ulusal Analitik Kimya Kongresi, (Kontrol No: 1230524)
- E.7 Doğan-Topal Burcu, Ozkan Sibel A (2012). Elektrokimyasal DNA Biyosensörü ile Efavirenz Miktar Tayini. 6. Ulusal Analitik Kimya Kongresi, (Kontrol No: 1230512)
- E.8 Bozal-Palabıyık Burcin, Doğan-Topal Burcu, Uslu Bengi, Ozkan Sibel A (2012). Etopozit'in farmasötik dozaj şekillerinden karbon nanotüp ile modifiye edilmiş elektrot kullanarak tayini. 6. Ulusal Analitik Kimya Kongresi, (Kontrol No: 1230498)
- E.9 Dogan-Topal Burcu, Bozal Burçin, Demircigil Barış T, Uslu Bengi, Ozkan Sibel A (2013). Simultaneous Determination of Amlodipine and Atorvastatine from Pharmaceutical Dosage Forms by Voltammetric Methods. I. Uluslararası Katılımlı Elektrokimya Çalıştayı, (Kontrol No: 1230536)
- E.10 Sevinc Kurbanoglu, Burcu Dogan-Topal, Lenka Hlavata, Jan Labuda, Sibel A. Ozkan, Bengi Uslu (2014). Electrochemical DNA Biosensor for Antidepressant Drug Aripiprazole. 1. Ulusal Biyosensör kongresi, (Kontrol No: 1230600)
- E.11 Burcu Dogan-Topal, Bengi Uslu, Sibel A. Ozkan (2014). Doğal ve Denatüre Alfa-2-Makroglobulin'in Karbon Esaslı Elektrotlar ile Elektrokimyasal Yükseltgenmesi. 7. Ulusal Analitik Kimya Kongresi, (Kontrol No: 1230608)
- E.12 Cansu Yakar,BOZAL PALABIYIK BURÇİN,DOĞAN TOPAL BURCU,ÖZKAN SİBEL AYŞIL,USLU BENĞİ (2015). Antihipertansif ilaçların kromatografik yöntemlerle analizinde son gelişmeler. 15. Ulusal Kromatografi Kongresi, (Kontrol No: 1636253)
- E.13 DOĞAN TOPAL BURCU,BOZAL PALABIYIK BURÇİN,ÖZKAN SİBEL AYŞIL,USLU BENĞİ (2015). Voltametri, UV ve florimetrik spektroskopi yöntemleri ile lapatinib-dsDNA etkileşim mekanizmasının aydınlatılması. 27.Ulusal Kimya Kongresi, (Kontrol No: 1636299)

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7. Dergi SCI, Journal of Photochemistry and Photobiology B: Biology, Hakemlik Sayısı:1
8. Dergi SCI, Electroanalysis, Hakemlik Sayısı:1
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10. Dergi SCI, JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, Hakemlik Sayısı:4
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