

Prof. SERDAR ABACI

Personal Information

Email: sabaci@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/sabaci>

Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Kimya/Analitik Kimya, Turkey 1995 - 1999

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 1988 - 1993

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Applications of lead dioxide electrode, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2002

Postgraduate, Asetonitrilde elektrolizle elde edilen PbO₂ elektrodun özellikleri, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1997

Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2013 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2006 - 2013

Assistant Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2005 - 2006

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 1994 - 2005

Advising Theses

ABACI S., Çeşitli bakır kalkojenit nanofilmlerinin upd temelli elektrokimyasal kodepozisyon tekniğiyle sentezi ve karakterizasyonu, Doctorate, Z.YAZAR(Student), 2016

ABACI S., Pestisit tayini için elektrokimyasal nanosensörlerin hazırlanması ve uygulamaları, Doctorate, G.BOLAT(Student), 2016

ABACI S., Ambalaj malzemelerinden gıdaya bulaşan ve gıda güvenliliğini tehdit eden maddelerin elektrokimyasal yöntemle tespiti, Postgraduate, Y.TUĞÇE(Student), 2016

ABACI S., Biyomedikal sterilizasyon kontrolünde kullanılan indikatörlerin üretimi, Doctorate, Ö.SÜRÜCÜ(Student), 2016

ABACI S., Kondanse 1,4-dihirdopiridin türevlerinin antioksidan kapasitelerinin elektrokimyasal yöntemle incelenmesi,

Postgraduate, F.ÇORBACIOĞLU(Student), 2013

ABACI S., Sulu ortamda altın nanopartikül modifiye elektrot ile tiyofenin elektropolimerizasyonu, Postgraduate, Ö.SÜRÜCÜ(Student), 2012

ABACI S., Hemoglobinin elektrokimyasal davranışının incelenmesi, Postgraduate, G.BOLAT(Student), 2011

ABACI S., Polimer temelli BSA biyosensörü tasarımı, Postgraduate, H.TORUN(Student), 2010

ABACI S., Ultramikroelektrot (UME) hazırlanması ve uygulamaları, Postgraduate, G.EROĞLU(Student), 2009

ABACI S., Electrochemical detection of dna using poly(vinylferrocenium) modified electrodes, Doctorate, F.KURALAY(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Controllable synthesis of Ag₂Se binary thin-film via electrochemical atomic layer epitaxy (ECALE) and its characterization**
Bolat G., Yaman Y. T., Dede E. K., ABACI S.
Materials Chemistry and Physics, vol.318, 2024 (SCI-Expanded)
- II. **Fabrication of ternary Cu-Sb-Te thin films by electrochemical co-deposition strategy at one-stage process**
Yaman Y. T., Bolat G., Aydin Z. Y., ABACI S.
Journal of Solid State Electrochemistry, vol.27, no.10, pp.2761-2770, 2023 (SCI-Expanded)
- III. **Fabrication of trastuzumab conjugated curcumin nanoparticles based impedimetric cytosensor for the cancer cell detection**
Tugce Yaman Y., AKBAL VURAL Ö., Bolat G., ABACI S.
Microchemical Journal, vol.191, 2023 (SCI-Expanded)
- IV. **Electrosynthesis of poly (4-amino-3-nitrostyrene) film and its characterization**
BOLAT TOPÇU G., YAMAN Y. T., AKBAL VURAL Ö., ABACI S., UZUN C.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.53, no.2, pp.227-240, 2023 (SCI-Expanded)
- V. **Secondary metabolite-entrapped, anti-GPA33 targeted poly-dopamine nanoparticles and their effectiveness in cancer treatment**
AKBAL VURAL Ö., YAMAN Y. T., ABACI S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.139, no.22, 2022 (SCI-Expanded)
- VI. **Peptide nanotubes/self-assembled polydopamine molecularly imprinted biochip for the impedimetric detection of human Interleukin-6**
YAMAN Y. T., AKBAL VURAL Ö., BOLAT G., ABACI S.
BIOELECTROCHEMISTRY, vol.145, 2022 (SCI-Expanded)
- VII. **Non-enzymatic and Electrochemical Detection of Creatine in Food Supplements**
SÜRÜCÜ Ö., ABACI S.
ELECTROCATALYSIS, vol.13, no.2, pp.195-209, 2022 (SCI-Expanded)
- VIII. **Peptide nanotube functionalized molecularly imprinted polydopamine based single-use sensor for impedimetric detection of malathion**
YAMAN Y. T., BOLAT G., ABACI S., Saygin T. B.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.414, no.2, pp.1115-1128, 2022 (SCI-Expanded)
- IX. **Human Serum Albumin-Gold Nanoparticle Based Impedimetric Sensor for Sensitive Detection of miRNA-200c**
Akbal Vural Ö., Yaman Y. T., Bolat G., Abacı S.
ELECTROANALYSIS, vol.33, no.4, pp.925-935, 2021 (SCI-Expanded)
- X. **Molecularly imprinted label-free sensor platform for impedimetric detection of 3-monochloropropane-1,2-diol**
YAMAN Y. T., BOLAT G., Saygin T. B., ABACI S.
SENSORS AND ACTUATORS B-CHEMICAL, vol.328, 2021 (SCI-Expanded)
- XI. **Polydopamine nanoparticles-assisted impedimetric sensor towards label-free lung cancer cell**

detection

Bolat G., Akbal Vural Ö., Yaman Y. T., Abacı S.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.119, 2021 (SCI-Expanded)

- XII. **Ultrathin polypyrrole films on self-assembled monolayers as an efficient ultramicroelectrode assay**
BOLAT G., YAMAN Y. T., KURALAY F., ABACI S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.43, 2020 (SCI-Expanded)
- XIII. **One-pot synthesized gold nanoparticle-peptide nanotube modified disposable sensor for impedimetric recognition of miRNA 410**
Yaman Y. T., Akbal Vural Ö., Bolat G., Abacı S.
SENSORS AND ACTUATORS B-CHEMICAL, vol.320, 2020 (SCI-Expanded)
- XIV. **Electrochemical determination of beta-lactoglobulin in whey proteins**
Surucu O., ABACI S.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.14, no.1, pp.11-19, 2020 (SCI-Expanded)
- XV. **Underpotential co-deposition of ternary Cu-Te-Se semiconductor nanofilm on both flexible and rigid substrates**
Aydin Z. Y., Malekghasemi S., ABACI S.
APPLIED SURFACE SCIENCE, vol.470, pp.658-667, 2019 (SCI-Expanded)
- XVI. **Characterization and application of azo dye (E)-N-phenyl-4-(thiazole-2-ylidiazenyl)aniline (PDA) for biomedical sterilization**
Surucu O., ABACI S.
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.77, pp.408-413, 2018 (SCI-Expanded)
- XVII. **An ionic liquid/bismuth film-modified sensor for the electrochemical detection of cefixime**
Yaman Y. T., Bolat G., Yardimci C., Abacı S.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.3, pp.826-839, 2018 (SCI-Expanded)
- XVIII. **Synthesis and characterization of Cu₃Se₂ nanofilms by an underpotential deposition based electrochemical codeposition technique**
Aydin Z. Y., ABACI S.
SOLID STATE SCIENCES, vol.74, pp.74-87, 2017 (SCI-Expanded)
- XIX. **Electrochemical and nonenzymatic glucose biosensor based on MDPA/MWNT/PGE nanocomposite**
Surucu O., ABACI S.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.78, pp.539-545, 2017 (SCI-Expanded)
- XX. **Electrochemical behavior and voltammetric detection of fenitrothion based on a pencil graphite electrode modified with reduced graphene oxide (RGO)/poly(E)-1-(4(4-(phenylamino)phenyl)diazenyl)phenyl)ethanone (DPA) composite film**
SURUCU O., BOLAT G., ABACI S.
TALANTA, vol.168, pp.113-120, 2017 (SCI-Expanded)
- XXI. **Characterization of CuTe nanofilms grown by underpotential deposition based on an electrochemical codeposition technique**
Aydin Z. Y., ABACI S.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.21, no.5, pp.1417-1430, 2017 (SCI-Expanded)
- XXII. **Anodic stripping voltammetric determination of vardenafil hydrochloride at pencil graphite electrode**
AYDIN Z. Y., YAMAN Y. T., YASACAN M., CIRAK T., ABACI S.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.14, no.4, pp.803-810, 2017 (SCI-Expanded)
- XXIII. **Electrochemical Studies on the Interaction between (E)-4-((6-Methoxybenzo[d]thiazol-2-yl)diazenyl)-N-Phenylaniline (MBDPA) and Bovine Serum Albumin**
Surucu O., ABACI S.
CHEMISTRYSELECT, vol.2, no.2, pp.707-713, 2017 (SCI-Expanded)

- XXIV. **Sensitive Adsorptive Voltammetric Method for Determination of Bisphenol A by Gold Nanoparticle/Polyvinylpyrrolidone-Modified Pencil Graphite Electrode**
YAMAN Y. T., ABACI S.
SENSORS, vol.16, no.6, 2016 (SCI-Expanded)
- XXV. **Electrochemical characterization of azo dye (E)-1-(4-((4-(phenylamino) phenyl)diazenyl)phenyl)ethanone (DPA)**
SURUCU O., ABACI S., Seferoglu Z.
ELECTROCHIMICA ACTA, vol.195, pp.175-183, 2016 (SCI-Expanded)
- XXVI. **Preparation of gold nanoparticles/single-walled carbon nanotubes/polyaniline composite-coated electrode developed for DNA detection**
EKŞİN E., BOLAT G., KURALAY F., Erdem A., ABACI S.
POLYMER BULLETIN, vol.72, no.12, pp.3135-3146, 2015 (SCI-Expanded)
- XXVII. **Electrochemistry of poly(5-phenyl dipyrromethane) and its characterization**
BOLAT G., Kuralay F., TEMELLİ B., ÜNALEROĞLU C., ABACI S.
POLYMER BULLETIN, vol.72, no.4, pp.867-879, 2015 (SCI-Expanded)
- XXVIII. **Disposable pencil graphite electrode modified with peptide nanotubes for Vitamin B-12 analysis**
PALA B. B., VURAL T., Kuralay F., CIRAK T., BOLAT G., ABACI S., DENKBAŞ E. B.
APPLIED SURFACE SCIENCE, vol.303, pp.37-45, 2014 (SCI-Expanded)
- XXIX. **Electropolymerization of thiophene on gold nanoparticle modified electrode in aqueous media**
SURUCU O., BOLAT G., ABACI S.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.701, pp.20-24, 2013 (SCI-Expanded)
- XXX. **Fabrication of a Polyaniline Ultramicroelectrode via a Self Assembled Monolayer Modified Gold Electrode**
BOLAT G., KURALAY F., EROĞLU G., ABACI S.
SENSORS, vol.13, no.7, pp.8079-8094, 2013 (SCI-Expanded)
- XXXI. **Electrochemical characterization of redox polymer modified electrode developed for monitoring of adenine**
KURALAY F., ERDEM GÜRSAN K. A., ABACI S., Ozyoruk H.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.105, pp.1-6, 2013 (SCI-Expanded)
- XXXII. **Determination of lidocaine based on electrocatalysis of a chemically modified electrode**
Tan G., BOLAT G., ONUR M. A., ABACI S.
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.4, pp.593-600, 2012 (SCI-Expanded)
- XXXIII. **Carbon nanotube-chitosan modified disposable pencil graphite electrode for Vitamin B-12 analysis**
KURALAY F., VURAL T., BAYRAM C., DENKBAŞ E. B., ABACI S.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.87, no.1, pp.18-22, 2011 (SCI-Expanded)
- XXXIV. **Preparation and characterization of zinc oxide nanoparticles and their sensor applications for electrochemical monitoring of nucleic acid hybridization**
Yumak T., Kuralay F., Muti M., SINAĞ A., ERDEM GÜRSAN K. A., ABACI S.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.86, no.2, pp.397-403, 2011 (SCI-Expanded)
- XXXV. **The Recent Electrochemical Biosensor Technologies for Monitoring of Nucleic Acid Hybridization**
KARADENİZ H., KURALAY F., ABACI S., ERDEM GÜRSAN K. A.
CURRENT ANALYTICAL CHEMISTRY, vol.7, no.1, pp.63-70, 2011 (SCI-Expanded)
- XXXVI. **Characterization of poly(vinylferrocene) coated surfaces and their applications in DNA sensor technology**
KURALAY F., ERDEM GÜRSAN K. A., ABACI S., Ozyoruk H., Yildiz A.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.40, no.11, pp.2039-2050, 2010 (SCI-Expanded)
- XXXVII. **Preparation and physical/electrochemical characterization of carbon nanotube-chitosan modified pencil graphite electrode**
VURAL T., KURALAY F., BAYRAM C., ABACI S., DENKBAŞ E. B.
APPLIED SURFACE SCIENCE, vol.257, no.2, pp.622-627, 2010 (SCI-Expanded)
- XXXVIII. **Tin oxide nanoparticles-polymer modified single-use sensors for electrochemical monitoring of**

label-free DNA hybridization

Muti M., KURALAY F., ERDEM GÜRSAN K. A., ABACI S., YUMAK T., SINAĞ A.
TALANTA, vol.82, no.5, pp.1680-1686, 2010 (SCI-Expanded)

- XXXIX. **Characterization of redox polymer based electrode and electrochemical behavior for DNA detection**
KURALAY F., ERDEM GÜRSAN K. A., ABACI S., OZYORUK H., YILDIZ A.
ANALYTICA CHIMICA ACTA, vol.643, pp.83-89, 2009 (SCI-Expanded)
- XL. **Poly(vinylferrocenium) coated disposable pencil graphite electrode for DNA hybridization**
KURALAY F., ERDEM GÜRSAN K. A., ABACI S., OZYORUK H., YILDIZ A.
ELECTROCHEMISTRY COMMUNICATIONS, vol.11, no.6, pp.1242-1246, 2009 (SCI-Expanded)
- XLI. **Determination of Hg²⁺ on poly(vinylferrocenium) (PVF⁺)-modified platinum electrode**
CELEBI M. S., OZYORUK H., YILDIZ A., ABACI S.
TALANTA, vol.78, no.2, pp.405-409, 2009 (SCI-Expanded)
- XLII. **The Effect of Electrocatalytic Activity and Crystal Structure of PbO₂ Surfaces on Polyphenylene Oxide (PPO) Production in Acetonitrile**
ABACI S., YILDIZ A.
TURKISH JOURNAL OF CHEMISTRY, vol.33, no.2, pp.215-222, 2009 (SCI-Expanded)
- XLIII. **Electrosynthesis of benzoquinone from phenol on alpha and beta surfaces of PbO₂**
ABACI S., TAMER U., PEKMEZ K., YILDIZ A.
ELECTROCHIMICA ACTA, vol.50, no.18, pp.3655-3659, 2005 (SCI-Expanded)
- XLIV. **The influence of nonstoichiometry on the electrocatalytic activity of PbO₂ for oxygen evolution in acidic media**
ABACI S., PEKMEZ K., YILDIZ A.
ELECTROCHEMISTRY COMMUNICATIONS, vol.7, no.4, pp.328-332, 2005 (SCI-Expanded)
- XLV. **Synthesis of aniline-thiophene copolymer on beta-PbO₂ electrode in acetonitrile**
ABACI S., ASLAN Y., YILDIZ A.
JOURNAL OF MATERIALS SCIENCE, vol.40, no.5, pp.1163-1168, 2005 (SCI-Expanded)
- XLVI. **Performance of different crystal structures of PbO₂ on electrochemical degradation of phenol in aqueous solution**
ABACI S., TAMER U., PEKMEZ K., YILDIZ A.
APPLIED SURFACE SCIENCE, vol.240, pp.112-119, 2005 (SCI-Expanded)
- XLVII. **Electropolymerization of thiophene and 3-methylthiophene on PbO₂ electrodes**
ABACI S., YILDIZ A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.569, no.2, pp.161-168, 2004 (SCI-Expanded)
- XLVIII. **Electrocatalysis of polyaniline formation by PbO₂ in acetonitrile**
ABACI S., PEKMEZ K., PEKMEZ N., YILDIZ A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.87, no.4, pp.599-605, 2003 (SCI-Expanded)
- XLIX. **Electrosynthesis of 4,4'-dinitroazobenzene on PbO₂ electrodes**
ABACI S., TAMER U., PEKMEZ K., YILDIZ A.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.32, no.2, pp.193-196, 2002 (SCI-Expanded)
- L. **Investigation of some parameters influencing electrocrystallisation of PbO₂**
ABACI S., PEKMEZ K., HOKELEK T., YILDIZ A.
JOURNAL OF POWER SOURCES, vol.88, no.2, pp.232-236, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Poly-arginine/graphene oxide functionalized disposable sensor for monitoring fenitrothion pesticide residues in water and cucumber samples**
BOLAT G., YAMAN Y. T., ABACI S., SEYYAR S.
Materials Today Chemistry, vol.30, 2023 (Scopus)

Books & Book Chapters

- I. **Ultramicroelectrodes (umes) as Functional Electroanalytical Tools: Theory, Fabrication and Applications of UMES**
BOLAT G., SURUCU O., ABACI S.
in: ADVANCED ELECTROCHEMISTRY, SERDAR ABACI, Editor, PALME, Ankara, pp.1-26, 2018
- II. **Electrochemical Biosensors for Detection of Important Molecules**
YAMAN Y. T., VURAL T., AKBAL Ö., ABACI S.
in: Advanced Electrochemistry, Abaci Serdar, Editor, HACETTEPE, Ankara, pp.49-74, 2018
- III. **Surface Modifications of Electrodes with Different Strategies**
VURAL T., AKBAL Ö., YAMAN Y. T., malekghasemi s., ABACI S.
in: Advanced Electrochemistry, Abaci Serdar, Editor, HACETTEPE, Ankara, pp.75-90, 2018

Supported Projects

- BOLAT TOPÇU G., YAMAN Y. T., ABACI S., Project Supported by Higher Education Institutions, Nanokompozit Tabakası içeren DNA Biyosensörünün Hazırlanması ve DNA Antikanser İlacı Etkileşiminin İncelenmesi, 2020 - 2022
- ABACI S., I Malekghasemi s., Project Supported by Higher Education Institutions, İn vitro Diyagnostik Sistemlerde Kullanılmak Üzere Yeni Nesil Elektrotların Tasarımı ve Geliştirilmesi, 2018 - 2022
- ABACI S., AKBAL Ö., Yaman Y. T., Project Supported by Higher Education Institutions, ELEKTROKİMYASAL İMPEDİMETRİK SENSÖRLERİN GELİŞTİRİLMESİ VE UYGULAMALARI, 2018 - 2021
- ABACI S., YAZAR AYDIN Z., YAMAN Y. T., ÖZTÜRK S., MALEKGHAŞEMİ S., Project Supported by Higher Education Institutions, Elektrokimyasal Tekniklerle Yarıiletken İnce Film Üretimi ve Uygulamaları, 2018 - 2021
- ABACI S., ÇUBUKÇU H. E., ÇELİKBIÇAK Ö., Project Supported by Higher Education Institutions, HÜNİTEK Araştırma potansiyelinin artırılması, 2017 - 2021
- ABACI S., ÇELEBİER M., ŞARDAN EKİZ M., AYDIN DEDE E. E., AKBAL Ö., YAMAN Y. T., Project Supported by Higher Education Institutions, İleri Teknolojiler Uygulama ve Araştırma Merkezi HÜNİTEK TS EN ISOIEC 17025 Akreditasyon Başvurusu, 2019 - 2020
- ABACI S., AKBAL Ö., YAMAN Y. T., ŞENEL S., Project Supported by Higher Education Institutions, Dopamin Teşhisi İçin Düşük Maliyetli Yüksek Duyarlık ve Seçicilik Gösteren Sensörlerin Geliştirilmesi, 2018 - 2019
- ABACI S., YAMAN Y. T., AKBAL Ö., Project Supported by Higher Education Institutions, Kil Bazlı Nanokompozit Yapıların Elektrokimyasal Biyosensör Uygulamasının Geliştirilmesi, 2018 - 2019
- BOLAT TOPÇU G., ÇORBACIOĞLU F., YAMAN Y. T., MALEKGHAŞEMİ S., ABACI S., Project Supported by Higher Education Institutions, Potansiyel Altı Depozisyon Yöntemiyle UPD Ultramiktotoelektrot Üretimi ve Elektrokatalitik Performansının Ortaya Çıkarılması, 2017 - 2019
- VURAL T., ABACI S., Project Supported by Higher Education Institutions, Baharatlardaki Tağşişin Ekonomik, Hızlı ve Duyarlı Tespitine Yönelik Kolorimetrik Test Striplerinin Geliştirilmesi, 2017 - 2018
- ABACI S., Project Supported by Higher Education Institutions, Tek kullanımlık DNA sensörlerinin hazırlanması, 2017 - 2018
- ABACI S., BOZDOĞAN PALA B., YAMAN Y. T., AKBAL Ö., Project Supported by Higher Education Institutions, Peptit Nanaopartikül Temelli Gerilim Duyarlı İlaç Taşıyıcı Sistemlerin Geliştirilmesi, 2017 - 2018
- ARİFİOĞLU T., ABACI S., YAZAR AYDIN Z., ARSLAN UDUM Y., Project Supported by Higher Education Institutions, YENİ KUŞAK YÜKSEK KALİTEDE NANOTEKNOLOJİK GÜNEŞ PANELİ TASARIMI ÜRETİMİ VE TARIM SEKTÖRÜNDE KULLANIMI, 2015 - 2018
- ABACI S., Project Supported by Higher Education Institutions, Zirai Ürünlerde Pestitlerin Hızlı Tayini için Elektrokimyasal Nanosensör, 2012 - 2018
- ABACI S., Project Supported by Higher Education Institutions, Glisin Polimerizasyonu ve Optimizasyonu, 2016 - 2017
- VURAL T., ABACI S., YAMAN Y. T., AKBAL Ö., Project Supported by Higher Education Institutions, Modifiye Grafit Elektrotlar Kullanılarak Doksorubisinin Elektrokimyasal Tayini, 2016 - 2017
- BOLAT TOPÇU G., ABACI S., Yaman Y. T., Sürücü Ö., Project Supported by Higher Education Institutions, Endokrin bozucu

Ftalat ve Bisfenol A (BPA)'nın Elektrokimyasal Tayini İçin Yeni Platformların Oluşturulması, 2016 - 2017
ABACI S., Sürücü Ö., Project Supported by Higher Education Institutions, Azo Boyar Madde Sentezi ve Karakterizasyonu, 2016 - 2017
BEKTAŞ F. S., ABACI S., Project Supported by Higher Education Institutions, Doğal Sulardaki Bakır Tayini için Duyarlı ve Yeni Nesil Analitik Yöntemlerin Geliştirilmesi, 2016 - 2017
ARİFİOĞLU T., ABACI S., Project Supported by Higher Education Institutions, Güneş pillerinde plazmonik güçlendirme, 2015 - 2016
ABACI S., YAMAN Y. T., Project Supported by Higher Education Institutions, Çinko oksitin elektrokimyasal performansının incelenmesi, 2015 - 2016
YARDIMCI C., ABACI S., YAMAN Y. T., Project Supported by Higher Education Institutions, Üçüncü ve dördüncü kuşaktan seçilmiş bazı sefalosporinlerin modifiye kalem grafit elektrot kullanılarak elektrokimyasal davranışlarının incelenmesi ve farmasötik preparatlardan analizleri, 2015 - 2016
ABACI S., YAMAN Y. T., Project Supported by Higher Education Institutions, Bisfenol A'nın Elektrokimyasal Tayini, 2015 - 2016
BİLENSOY E., ABACI S., YAMAN Y. T., Project Supported by Higher Education Institutions, Tamoksifenin Biyoyararlanımın Araştırılması ve Elektrokimyasal Tayini, 2015 - 2016
ABACI S., Project Supported by Higher Education Institutions, AMBALAJ MALZEMELERİNDEN GIDAYA BULAŞAN VE GIDA GÜVENİLİRLİĞİNİ TEHDİT EDEN MADDELERİN YENİ UCUZ VE HIZLI NANOTEKNOLOJİK YÖNTEMLE TESPİTİ, 2013 - 2016
ABACI S., Project Supported by Higher Education Institutions, BAZI AĞIR METALLERİN MODİFİYE KALEM GRAFİT ELEKTROD(PGE) KULLANILARAK ELEKTROKİMYASAL YÖNTEMLE TAYİNİ, 2014 - 2015

Metrics

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