

## Prof. FATMA ARSLAN

### Personal Information

**Email:** fatma@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/fatma>

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1996 - 2004

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 1990 - 1995

Under Graduate, Hacettepe University, Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 1985 - 1990

### Foreign Languages

German, B2 Upper Intermediate

### Dissertations

Doctorate, Ksantin tayini için polipirol filme ksantin oksidaz enziminin immobilizasyonu ile yeni bir biyosensör hazırlanması, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2004

Post Graduate, Xantin oksidaz enziminin, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 1995

### Research Areas

Chemistry, Biochemistry

### Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Kimya Bölümü, 2017 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Kimya Bölümü, 2010 - 2017

Assistant Professor, Gazi University, Fen Fakültesi, Kimya Bölümü, 2008 - 2010

Research Assistant, Gazi University, Fen Fakültesi, 1991 - 2008

### Professional Experience

Head of Department, Gazi University, Fen Fakültesi, Kimya, 2017 - Continues

### Advising Theses

ARSLAN F., Bisfenol-A tayini için bir biyosensör hazırlanması, Post Graduate, H.KOÇAK(Student), 2020

ARSLAN F., Investigation Of Inhibition Of Acetylcholinesterase Enzyme With New Synthesis Compounds Used In The

Treatment Of Alzheimer Disease, Post Graduate, M.ÇAT(Student), 2019

ARSLAN F., Alzheimer hastalığının teşhisi için asetilkolin biyosensörünün hazırlanması, Post Graduate, O.CAN(Student), 2019

ARSLAN F., Preparation Of A New Choline Biosensor With Mediator, Post Graduate, R.BASKIN(Student), 2018

ARSLAN F., Preparation Of A New Biosensor For Phenole Determination, Post Graduate, D.ŞENARSLAN(Student), 2017

ARSLAN F., A New Laccase-Based Biosensor For Adrenaline Determination, Post Graduate, S.DURMUŞ(Student), 2016

ARSLAN F., THE DEVELOPMENT OF CHEMICAL METHODS TO PROTECT THE VIABILITY OF PANCREAS ISLET CELL, Doctorate, S.MERCAN(Student), 2016

ARSLAN F., Preparation of a novel dna biosensor for detection of hepatitis C virus, Doctorate, S.DÖNMEZ(Student), 2014

ARSLAN F., Preparation Of Amperometric Biosensor With Bienzyme For Acetylcholine Determination, Post Graduate, A.TUĞÇE(Student), 2014

ARSLAN F., Preparing a biosensor for choline determination by immobilization of choline oxidase in polypyrrol-polyvinylsulphonate film, Post Graduate, M.ÖZDEMİR(Student), 2012

ARSLAN F., Preparing a new biosensor for glucose determination by immobilization of glucose oxidase in polyaniline-polyvinylsulphonate film, Post Graduate, U.BESKAN(Student), 2011

ARSLAN F., GLUKOZ TAYİNİ İÇİN YENİ BİR BİYOSENSÖR HAZIRLANMASI, S.USTABAŞ(Student), 2010

ARSLAN F., Glukoz tayini için yeni bir biyosensör hazırlanması, Post Graduate, S.USTABAŞ(Student), 2010

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

- I. **Preparation of acetylcholine biosensor for the diagnosis of Alzheimer's disease**  
Bodur O. C. , Hasanoğlu Özkan E., Çolak O., Arslan H., Sarı N., Dişli A., Arslan F.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1223, 2021 (Journal Indexed in SCI)
- II. **Development of a Novel Phenylalanine Biosensor for Diagnosis of Phenylketonuria**  
ARSLAN H., Unal K., Aynaci Koyuncu E., YİLDİRİM E., ARSLAN F.  
IEEE SENSORS JOURNAL, vol.20, no.20, pp.12127-12133, 2020 (Journal Indexed in SCI)
- III. **Synthesis, molecular modeling studies, ADME prediction of arachidonic acid carbamate derivatives, and evaluation of their acetylcholinesterase activity**  
Kalin T. N. , KILIÇ D., ARSLAN F., Colak O., ALTUNDAŞ A.  
DRUG DEVELOPMENT RESEARCH, vol.81, no.2, pp.232-241, 2020 (Journal Indexed in SCI)
- IV. **Development of choline biosensor using toluidine blue O as mediator**  
Baskin R., Koyuncu E. ( , ARSLAN H., ARSLAN F.  
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.50, no.3, pp.240-245, 2020 (Journal Indexed in SCI)
- V. **A sensitive amperometric detection of neurotransmitter acetylcholine using carbon dot-modified carbon paste electrode**  
BODUR O. C. , DİNÇ S., ÖZMEN M., ARSLAN F.  
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, 2020 (Journal Indexed in SCI)
- VI. **Electrochemical nucleic acid hybridization biosensor based on poly(L-Aspartic acid)-modified electrode for the detection of short oligonucleotide sequences related to hepatitis C virus 1a**  
DÖNMEZ S., Cagdas L., ARSLAN H., ARSLAN F.  
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.49, no.9, pp.900-907, 2019 (Journal Indexed in SCI)
- VII. **SYNTHESIS OF NOVEL SCHIFF BASE DERIVATIVES OF TACRINE AND INVESTIGATION OF THEIR ACETYLCHOLINESTERASE INHIBITION POTENCY**  
Koyuncu E. ( , Yasar A., ARSLAN F., SARI N.  
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.38, no.1, pp.75-84, 2019 (Journal Indexed in SCI)
- VIII. **NEW MULTIFUNCTIONAL AGENTS AND THEIR INHIBITORY EFFECTS ON THE ACETYL CHOLINESTERASE ENZYME**  
DİŞLİ A., Gumus M., Unal K., SARI N., ARSLAN F.  
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.37, no.1, pp.21-34, 2018 (Journal Indexed in SCI)

Indexed in SCI)

- IX. **Glucose biosensor based on immobilization of glucose oxidase on a carbon paste electrode modified with microsphere-attached l-glycine**  
Donmez S., Arslan F., Sarı N., Hasanoğlu Özkan E., Arslan H.  
Biotechnology and Applied Biochemistry, vol.64, pp.745-753, 2017 (Journal Indexed in SCI Expanded)
- X. **Development of an acetylcholinesterase-choline oxidase based biosensor for acetylcholine determination**  
Tunc A. T., Koyuncu E. A., ARSLAN F.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.7, pp.1659-1664, 2016 (Journal Indexed in SCI)
- XI. **Development of an electrochemical DNA biosensor for detection of specific Mycobacterium tuberculosis sequence based on poly(L-glutamic acid) modified electrode**  
Yesil M., DÖNMEZ S., ARSLAN F.  
JOURNAL OF CHEMICAL SCIENCES, vol.128, no.11, pp.1823-1829, 2016 (Journal Indexed in SCI)
- XII. **Sequence-specific label-free nucleic acid biosensor for the detection of the hepatitis C virus genotype 1a using a disposable pencil graphite electrode**  
DÖNMEZ S., ARSLAN F., ARSLAN H.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.3, pp.912-917, 2016 (Journal Indexed in SCI)
- XIII. **An amperometric biosensor for L-glutamate determination prepared from L-glutamate oxidase immobilized in polypyrrole-polyvinylsulphonate film**  
Simsek S., Aynaci E., ARSLAN F.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.1, pp.356-361, 2016 (Journal Indexed in SCI)
- XIV. **A Nucleic Acid Biosensor for Detection of Hepatitis C Virus Genotype 1a Using Poly(l-Glutamic Acid)-Modified Electrode**  
DÖNMEZ S., ARSLAN F., ARSLAN H.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.176, no.5, pp.1431-1444, 2015 (Journal Indexed in SCI)
- XV. **Amperometric biosensing of ethanol based on integration of alcohol dehydrogenase with a Pt/PPy-PVS/MB electrode**  
Colak O., ARSLAN F.  
TURKISH JOURNAL OF CHEMISTRY, vol.39, no.1, pp.84-95, 2015 (Journal Indexed in SCI)
- XVI. **Immobilization of glucose oxidase attached to new nanospheres including azomethine**  
Özdem N., Hasanoğlu Özkan E., Sarı N., Arslan F., Tümtürk H.  
MACROMOLECULAR RESEARCH, vol.22, pp.1282-1287, 2014 (Journal Indexed in SCI)
- XVII. **An amperometric biosensor for acetylcholine determination prepared from acetylcholinesterase-choline oxidase immobilized in polypyrrole-polyvinylsulphonate film**  
Aynaci E., Yasar A., ARSLAN F.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.202, pp.1028-1036, 2014 (Journal Indexed in SCI)
- XVIII. **An amperometric biosensor for glucose detection from glucose oxidase immobilized in polyaniline-polyvinylsulfonate-potassium ferricyanide film**  
ARSLAN F., Beskan U.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.42, no.4, pp.284-288, 2014 (Journal Indexed in SCI)
- XIX. **New aromatic/heteroaromatic propanesulfonylhydrazone compounds: Synthesis, physical properties and inhibition studies against carbonic anhydrase II (CAII) enzyme**  
ÖZDEMİR ÖZMEN Ü., Altuntas A., BALABAN GÜNDÜZALP A., ARSLAN F., HAMURCU F.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.128, pp.452-460, 2014 (Journal Indexed in SCI)
- XX. **Preparation of carbon paste electrodes including poly(styrene) attached glycine-Pt(IV) for amperometric detection of glucose**

- DÖNMEZ S., ARSLAN F., SARI N., Yetim N. K. , ARSLAN H.  
BIOSENSORS & BIOELECTRONICS, vol.54, pp.146-150, 2014 (Journal Indexed in SCI)
- XXI. **Glucose biosensor based on the immobilization of glucose oxidase on electrochemically synthesized polypyrrole-poly(vinyl sulphonate) composite film by cross-linking with glutaraldehyde**  
Colak O., Yasar A., ÇETE S., ARSLAN F.  
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.40, no.5, pp.354-361, 2012 (Journal Indexed in SCI)
- XXII. **Immobilization of fructose dehydrogenase on electro-chemically synthesized ppy-pvs composite film by cross-linking via glutaraldehyde for determination of fructose**  
Colak Z., ARSLAN F., Yasar A.  
NEW BIOTECHNOLOGY, vol.29, 2012 (Journal Indexed in SCI)
- XXIII. **An amperometric biosensor for choline determination prepared from choline oxidase immobilized in polypyrrole-polyvinylsulfonate film**  
Ozdemir M., ARSLAN F., ARSLAN H.  
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.40, no.4, pp.280-284, 2012 (Journal Indexed in SCI)
- XXIV. **Preparation of a Polypyrrole-Polyvinylsulphonate Composite Film Biosensor for Determination of Phenol Based on Entrapment of Polyphenol Oxidase**  
ARSLAN H., ARSLAN F.  
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.39, no.5, pp.341-345, 2011 (Journal Indexed in SCI)
- XXV. **An Amperometric Biosensor for Glucose Determination Prepared from Glucose Oxidase Immobilized in Polyaniline-Polyvinylsulfonate Film**  
ARSLAN F., Ustabas S., ARSLAN H.  
SENSORS, vol.11, no.8, pp.8152-8163, 2011 (Journal Indexed in SCI)
- XXVI. **Synthesis, characterization, antibacterial activities and carbonic anhydrase enzyme inhibitor effects of new arylsulfonylhydrazones and their Ni(II), Co(II) complexes**  
Ozdemir U. O. , ARSLAN F., Hamurcu F.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.75, no.1, pp.121-126, 2010 (Journal Indexed in SCI)
- XXVII. **Preparation of a Polypyrrole-Polyvinylsulphonate Composite Film Biosensor for Determination of Cholesterol Based on Entrapment of Cholesterol Oxidase**  
Yildirimoglu F., ARSLAN F., ÇETE S., Yasar A.  
SENSORS, vol.9, no.8, pp.6435-6445, 2009 (Journal Indexed in SCI)
- XXVIII. **Characterization of protein profiles of Aeromonas hydrophila and Aeromonas caviae isolates from fish**  
ERDEM B., YÜCEL N., ARSLAN F.  
ARCHIV FÜR LEBENSMITTELHYGIENE, vol.59, no.4, pp.147-150, 2008 (Journal Indexed in SCI)
- XXIX. **Immobilization of uricase upon polypyrrole-ferrocenium film**  
ÇETE S., Yasar A., ARSLAN F.  
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.35, no.6, pp.607-620, 2007 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **The Effect of the Training to the Levels of Selenium and Chromium in Blood**  
ARSLAN H., ARSLAN F.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.3, pp.559-563, 2016 (Journal Indexed in ESCI)
- II. **A New Laccase-Based Biosensor for Epinephrine Determination**  
ARSLAN F., Durmus S., Colak O., ARSLAN H.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.1, pp.1-9, 2015 (Journal Indexed in ESCI)

**III. Some Novel Antimicrobial Therapeutic Agents for Acetylcholinesterase Inhibitors; Synthesis of Hydroxyquinoline Ester Involving Amino Acid**

Sakiyan D., Koyuncu E. A. , ARSLAN F., Ogutcu H., SARI N.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.1, pp.11-19, 2015 (Journal Indexed in ESCI)

## **Books & Book Chapters**

- I. **Biyokimya Laboratuvar Deneylemleri,**  
YAŞAR A., ARSLAN F., ÇETE S., MUHAMMET S. M.  
gazi, 2007

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Preparation of a New Biosensor for Bisphenol A Determination**  
Koçak H., BODUR O. C. , HASANOĞLU ÖZKAN E., SARI N., ARSLAN F.  
2nd Eurasia Biochemical Approaches Technologies (ebat) congress, 26 - 29 November 2019
- II. **PREPARATION OF ACETYLCHOLINE BIOSENSOR FOR THE DIAGNOSIS OF ALZHEIMER'S DISEASE**  
BODUR O. C. , HASANOĞLU ÖZKAN E., ARSLAN H., SARI N., DİŞLİ A., ARSLAN F.  
• International Natural Science Engineering and Material Technologies Conference-NEM 2019, 9 - 10 October 2019
- III. **SYNTHESIS AND INHIBITION ON THE ACETYL CHOLINESTERASE ENZYME OF PIPERAZINE DERIVATIVES CONTAINING PYRAZINE**  
Çat M., SARI N., ARSLAN F., Hasanoğlu Özkan E.  
International Natural Science, Engineering and Material Technologies Conference, 9 - 10 September 2019
- IV. **A New Amperometric Biosensor: Carbon Paste Electrode Modified With Carbon Dots For Determination Of Acetylcholine**  
BODUR O. C. , DİNÇ S., ÖZMEN M., ARSLAN F.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, 16 - 18 April 2019
- V. **Preparation of a new modified carbon paste electrode with hydrogen peroxide sensitive**  
BODUR O. C. , HASANOĞLU ÖZKAN E., ARSLAN H., SARI N., DİŞLİ A., ARSLAN F.  
1st Eurasia Biochemical Approaches Technologies (ebat) congress, 27 - 30 November 2018
- VI. **Preparation of a New Modified Carbon Paste Electrode with Hydrogen Peroxide Sensitive**  
Hasanoğlu Özkan E., Çolak Ö., ARSLAN H., SARI N., DİŞLİ A., ARSLAN F.  
1st Euroasia Biochemical Approaches Technologies Congress (EBAT-2018), 27 - 30 October 2018
- VII. **PREPARATION OF A NEW MODIFIED CARBON PASTE ELECTRODE FOR ADRENALINE DETERMINATION**  
ÇAPAN T., UZUN D., HASANOĞLU ÖZKAN E., SARI N., ARSLAN F., ARSLAN H.  
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 September 2018
- VIII. **PREPARATION OF A NEW MODIFIED CARBON PASTE ELECTRODE FOR ADRENALINE DETERMINATION**  
ÇAPAN T., UZUN D., HASANOĞLU ÖZKAN E., SARI N., ARSLAN F., ARSLAN H.  
12th International Symposium on Pharmaceutical Sciences., 26 - 29 June 2018
- IX. **Synthesis and Application of Novel Acetylcholinesterase Inhibitors,**  
Doğaner M., Hasanoğlu Özkan E., SARI N., ARSLAN F.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- X. **Development of Voltammetric Method for Determination of Ethanol**  
ARSLAN H., UZUN D., ARSLAN F.  
ANCON-2017 / INTERNATIONAL CONGRESS ON CHEMISTRY AND MATERIALS SCIENCE, 5 - 07 October 2017
- XI. **Enzyme Inhibition Study by means of Ellman Method for Pt(IV) Complex with Piperazine Derivatives**

- Çat M., Hasanoğlu Özkan E., SARI N., Çolak Ö., ARSLAN F.  
Ancon2017 Ancon-International Congress on Chemistry and Materials Science, 5 - 07 October 2017
- XII. **The Effect of Electronegative Substituents on "IC50 Value"**  
Çat M., Hasanoğlu Özkan E., Çolak Ö., SARI N., ARSLAN F.  
Ancon2107 Ancon-International Congress on Chemistry and Materials Science, 5 - 07 October 2017
- XIII. **Synthesized of New Pt(II) / Pt(IV) Complexes and Investigation of Charge Effective on Inhibition of Ache**  
Hasanoğlu Özkan E., Çat M., ARSLAN F., SARI N.  
Ancon2107 Ancon-International Congress on Chemistry and Materials Science, 5 - 07 October 2017
- XIV. **Preparation of Carbon Paste Electrode containing Polyaniline Activated Carbon Composite for Amperometric Detection of Phenol**  
ARSLAN H., yücel d., ÇEVİRİMLİ B. S. , ZENGİN H., UZUN D., ARSLAN F.  
3rd International Congress On Biosensors, 5 - 07 October 2016
- XV. **Preparation of a Biosensor for Determination of Choline**  
Baskın R., Aynacı Koyuncu E., ARSLAN H., ARSLAN F.  
Biosensors 2016, 5 - 07 October 2016
- XVI. **Preparation of carbon electrode containing polyaniline activated carbon composite for amperometric detection of phenol**  
ARSLAN H., yücel d., ÇEVİRİMLİ B. S. , ZENGİN H., UZUN D., ARSLAN F.  
3 rd International congress on biosensors, Turkey, 5 - 07 October 2016
- XVII. **Synthesis Characterization and Examination of Acetylcholinesterase Inhibition Properties of Some New Compounds Containing Electron Withdrawing Groups**  
Gümüş M., Ünal K., DİŞLİ A., ARSLAN F.  
International Conference on Chemical and Biochemical Engineering, 20 - 22 July 2015
- XVIII. **Synthesis Characterization and Examination of Acetylcholinesterase Inhibition Properties of Some New Compounds Containing Electron Donating Groups**  
gümüş m., Ünal k., DİŞLİ A., ARSLAN F.  
International Conference on Chemical and Biochemical Engineering, 20 - 22 July 2015
- XIX. **Synthesis and Investigation Acetylcholinesterase Inhibition of Novel Acetylcholinesterase**  
KOYUNCUOĞLU E., YAŞAR A., ARSLAN F., SARI N.  
ISOPS 11th International Symposium on Pharmaceutical Sciences, 22 - 24 June 2015
- XX. **Preparation of a biosensor for determination of phenylketouria**  
ÜNAL K., KOYUNCU E. A. , ARSLAN F., ARSLAN H.  
11th International symposium on Pharmaceutical sciences, Ankara, Turkey, 9 - 12 June 2015
- XXI. **A DISPOSABLE ELECTROCHEMICAL NUCLEICACID BIOSENSOR FOR THE DETECTION OF MYCOBACTERIUM TUBERCULOSIS USING POLY L GLUTAMIC ACID MODIFIED ELECTRODE**  
YEŞİL M., DÖNMEZ S., ARSLAN F.  
2 nd INTERNATIONAL CONGRESS ON BIOSENSORS, İzmir, Turkey, 10 - 12 June 2015
- XXII. **SYNTHESIS AND INVESTIGATION ACETYLCHOLINESTERASE INHIBITION OF NOVEL ACETYLCHOLINESTERASE INHIBITORS**  
KOYUNCU E. A. , YAŞAR A., ARSLAN F., SARI N.  
11th INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL SCIENCES (ISOPS), Ankara, Turkey, 9 - 12 June 2015
- XXIII. **Asetilkolinesteraz İnhibitörleri Olarak Kullanılabilecek Araşidonik AsitKarbamat Türevlerinin Sentezi**  
Tuğçe N K., ALTUNDAŞ A., Çolak Ö., ARSLAN F., ALTUNDAŞ R.  
3. İlaç Kimyası İlaç Etken Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.656
- XXIV. **Yeni Asetilkolinesteraz inhibitörlerinin Sentezi, Karakterizasyonu ve İnhibisyon Özelliklerinin Belirlenmesi**  
Aynacı Koyuncu E., ARSLAN F., SARI N., YAŞAR A.  
2. İlaç Kimyası, Üretimi, Teknolojisi, Standardizasyonu Kongresi, Turkey, 21 - 23 March 2014
- XXV. **Kondenzasyon Metoduyla Nanokürelere Schiff Bazı Takılması ve Glukoz Oksidaz Enziminin**

### **Biyokataliz Olarak İncelenmesi**

SARI N., ARSLAN F., Özdem N.

4. Anorganik Kimya Kongresi, Turkey, 30 May - 02 June 2013

- XXVI. **Inhibition effect of new arylsulfonylhydrozone derivatives on carbunic anhydrase,**  
ARSLAN F., Akçay S., ÖZDEMİR ÖZMEN Ü., Altuntaş A.  
9th International symposium on pharmaceutical sciences Ankara, Türkiye, 15 - 18 June 2009
- XXVII. **Karbonik Anhidraz II enziminin bazı sülfon amitlerle inhibisyon kinetiğinin incelenmesi**  
ÖZDEMİR ÖZMEN Ü., ARSLAN F., köşker A.  
XXII.Ulusal Kimya Kongresi, Mağusa, K.K.T.C, Turkey, 6 - 10 October 2008
- XXVIII. **Kolesterol için biyosensor hazırlanması**  
MUHAMMET S. M. , ARSLAN F., YAŞAR A.  
21. Ulusal Kimya Kongresi, İnönü Üniversitesi MALATYA, Turkey, 23 - 27 August 2007
- XXIX. **Inhibition effect of new sulfonamide derivatives on carbonic anhydrase**  
ÖZDEMİR ÖZMEN Ü., ARSLAN F., HAMURCU F.  
International Symposium on Drug research and development from chemistry to medicine Antalya , Türkiye, 17 - 20 May 2007
- XXX. **Polianilin Polipirol Membranları Kullanarak İyon Seçici Elektrotların Hazırlanması**  
AYTAÇ A., ARSLAN F.  
6. Elektrokimya Günler, Eskişehir, 29 Haziran-1 Temmuz 2005, 50, Eskişehir, Turkey, 29 June - 01 July 2005

### **Supported Projects**

ARSLAN F., Project Supported by Higher Education Institutions, Çeşitli Yağ Asidi Esterlerinden Biyo-Dizellerin Hazırlanması ve Karakterizasyonu, 2006 - Continues

ARSLAN F., Project Supported by Higher Education Institutions, Poliaspartik asit ile modifiye edilmiş kalem grafit elektrot kullanılarak Hepatit C'nin tesbitine yönelik yeni bir E-DNA sensörünün hazırlanması, 2014 - 2016

ARSLAN F., Project Supported by Higher Education Institutions, L-Glutamat tayini için biyosensör hazırlanması, 2013 - 2015

ARSLAN F., Project Supported by Higher Education Institutions, Alkol tayini için alkol dehidrogenaz enziminin polipirol-polivinil sülfonat filme immobilizasyonu ile yeni bir biyosensör hazırlanması, 2012 - 2013

ARSLAN F., Project Supported by Higher Education Institutions, Kolin Tayini İçin Yeni Bir Biyosensör Hazırlanması, 2011 - 2013

ARSLAN F., Project Supported by Higher Education Institutions, Glukoz tayini için yeni bir biyosensör hazırlanması, 2009 - 2011

### **Citations**

Total Citations (WOS):278

h-index (WOS):9