

Prof. FATMA ARSLAN

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International Researcher IDs

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Publons / Web Of Science ResearcherID: B-7452-2016

ScopusID: 7003890797

Yoksis Researcher ID: 133551

Education Information

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

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1990 - 1995

Undergraduate, 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 polipirool filme ksantin oksidaz enziminin immobilizasyonu ile yeni bir biyosensör hazırlanması, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2004

Postgraduate, Xantin oksidaz enziminin kanserli dokulardan izolasyonu, saflaştırılması, kinetik ve elektroforetik özelliklerinin incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1995

Research Areas

Chemistry, Biochemistry

Academic Titles / Tasks

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

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

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

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

Academic and Administrative Experience

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

Faculty Management Board Member, Gazi University, Fen Fakültesi, Kimya, 2017 - 2020

Courses

Biyokimya I, Undergraduate, 2024 - 2025, 2023 - 2024

besin kimyası ı, Undergraduate, 2024 - 2025, 2023 - 2024

Kimyacılar için hücre bilimi, Undergraduate, 2024 - 2025

Enzimoloji, Postgraduate, 2021 - 2022

Besin Kimyası II, Undergraduate, 2020 - 2021

Biyokimya II, Undergraduate, 2020 - 2021

Advising Theses

Arslan F., Obtaining nanoparticles from domestic wastes and their use in glucose biosensor design, Postgraduate, S.ÜÇDEMİR(Student), 2023

Arslan F., Development of biosensor for the determination of tyramine in foods, Postgraduate, H.OKTAY(Student), 2023

Arslan F., Preparation of a novel glucose biosensor modified with ferrocene-attached 4-aminoantipyrene, Postgraduate, A.ERBAŞ(Student), 2023

Arslan F., PREPARATION OF A TYROSINASE BASED DOPAMINE BIOSENSOR, Postgraduate, M.Ali(Student), 2022

Arslan F., PREPARATION OF A NEW BISPHENOL A BIOSENSOR WITH MODIFIED CARBON PASTE ELECTRODE, Postgraduate, E.Ezgi(Student), 2022

Arslan F., Modifiye karbon pasta elektrot ile yeni bir bisfenol A biyosensörü hazırlanması, Postgraduate, E.EZGİ(Student), 2022

ARSLAN F., Preparation Of Biosensor For Bisfenol-A Determination, Postgraduate, H.KOÇAK(Student), 2020

ARSLAN F., Investigation Of Inhibition Of Acetylcholinesterase Enzyme With New Synthesis Compounds Used In The Treatment Of Alzheimer Disease, Postgraduate, M.ÇAT(Student), 2019

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

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

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

ARSLAN F., A New Laccase-Based Biosensor For Adrenaline Determination, Postgraduate, 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, Postgraduate, A.TUĞÇE(Student), 2014

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

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

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Green Synthesis of Silver Nanoparticles and Designing A New Amperometric Biosensor to Determine Glucose Levels**
Üçdemir Pektaş S., Keskin M., Bodur O. C., Arslan F.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, pp.1-25, 2024 (SCI-Expanded)
- II. **Development of novel biosensor for the ultra-sensitive detection of the endocrine disruptor Bisphenol A and detection of Bisphenol A leakage from some plastic containers**
Ergezer E. E., Bodur O. C., Hasanoğlu Özkan E., Sarı N., Arslan F.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.21, no.1, pp.1-13, 2024 (SCI-Expanded)
- III. **A Sensitive Amperometric Biosensor Based on Carbon Dot 3-Chloropropyl-trimethoxysilane Modified Electrode for Detection of Neurotransmitter Dopamine**
Akbiyık M. A., Bodur O. C., Keskin M., Kara M., Dinç S., Arslan H., Özmen M., Arslan F.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.170, no.3, 2023 (SCI-Expanded)
- IV. **Novel Tyrosinase-Based Bisphenol-A Biosensor for the determination of Bisphenol-A in bracket adhesive in orthodontics**
Arslan F., Koçak H., Bodur O. C., Hasanoğlu Özkan E., Arslan B., Sarı N.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.41, no.2, pp.229-241, 2022 (SCI-Expanded)
- V. **A sensitive amperometric detection of neurotransmitter acetylcholine using carbon dot-modified carbon paste electrode**
Bodur O. C., Dinç S., Özmen M., Arslan F.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.68, no.1, pp.20-29, 2021 (SCI-Expanded)
- VI. **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 (SCI-Expanded)
- VII. **Development of a Novel Phenylalanine Biosensor for Diagnosis of Phenylketonuria**
ARSLAN H., Unal K., Aynaci Koyuncu E., YILDİRİM E., ARSLAN F.
IEEE SENSORS JOURNAL, vol.20, no.20, pp.12127-12133, 2020 (SCI-Expanded)
- VIII. **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 (SCI-Expanded)
- IX. **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 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **SYNTHESIS OF NOVEL SCHIFF BASE DERIVATIVES OF TACRINE AND INVESTIGATION OF THEIR ACETYLCHOLINESTERASE INHIBITION POTENCY**
Koyuncu E. (., Yasar A., Arslan F., Sarı N.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.38, no.1, pp.75-84, 2019 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **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 (SCI-Expanded)

- XIV. **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 (SCI-Expanded)
- XV. **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 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **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 (SCI-Expanded)
- XVIII. **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 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **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 (SCI-Expanded)
- XXI. **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 (SCI-Expanded)
- XXII. **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 (SCI-Expanded)
- XXIII. **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 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)
- XXV. **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 (SCI-Expanded)

- XXVI. **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 (SCI-Expanded)
- XXVII. **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 (SCI-Expanded)
- XXVIII. **An amperometric biosensor for fish freshness detection from xanthine oxidase immobilized in polypyrrole-polyvinylsulphonate film**
Dolmaci N., ÇETE S., Arslan F., Yasar A.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.40, no.4, pp.275-279, 2012 (SCI-Expanded)
- XXIX. **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 (SCI-Expanded)
- XXX. **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 (SCI-Expanded)
- XXXI. **Synthesis, characterization, antibacterial activities and carbonic anhydrase enzyme inhibitor effects of new arylsulfonylhydrazones and their Ni(II), Co(II) complexes**
Ozdemir Ü., ARSLAN F., Hamurcu F.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.75, no.1, pp.121-126, 2010 (SCI-Expanded)
- XXXII. **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 (SCI-Expanded)
- XXXIII. **Effect of the Training to the Levels of the Serum Zn and Cu**
Arslan F.
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.3, pp.2189-2192, 2009 (SCI-Expanded)
- XXXIV. **Amperometric Cholesterol Biosensors Based on the Electropolymerization of Pyrrole and Aniline in Sulphuric Acid for the Determination of Cholesterol in Serum**
MUHAMMET S. M., Cete S., Arslan F., Yasar A.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.37, no.6, pp.273-278, 2009 (SCI-Expanded)
- XXXV. **An amperometric biosensor for uric acid determination prepared from uricase immobilized in polyaniline-polypyrrole film**
Arslan F.
SENSORS, vol.8, no.9, pp.5492-5500, 2008 (SCI-Expanded)
- XXXVI. **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 (SCI-Expanded)
- XXXVII. **Antimicrobial effect on bacterial and yeast cells of phenylselenocyanates and comparison with some antibiotics**
Cete S., Ozkan H., Arslan F., Yildirim Y., Yasar A.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.1, pp.550-554, 2007 (SCI-Expanded)
- XXXVIII. **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 (SCI-Expanded)

- XXXIX. **An amperometric biosensor for uric acid determination prepared from uricase immobilized in polypyrrole film**
Cete S., Yasar A., Arslan F.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.34, no.3, pp.367-380, 2006 (SCI-Expanded)
- XL. **An amperometric enzyme electrode for creatine determination prepared by the immobilization of creatinase and sarcosine oxidase in poly(vinylferrocenium)**
Erden P., Pekyardimci S., Kilic E., Arslan F.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.34, no.2, pp.223-239, 2006 (SCI-Expanded)
- XLI. **Preparation of Pt/polypyrrole-ferrocene hydrogen peroxide sensitive electrode for the use as a biosensor**
Arslan F., Yasar A., Kilic E.
RUSSIAN JOURNAL OF ELECTROCHEMISTRY, vol.42, no.2, pp.137-140, 2006 (SCI-Expanded)
- XLII. **An amperometric biosensor for xanthine determination prepared from xanthine oxidase immobilized in polypyrrole film**
Arslan F., Yasar A., Kilic E.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.34, no.1, pp.113-128, 2006 (SCI-Expanded)
- XLIII. **The effect of gel composition on the adsorption of invertase on poly(acrylamide/maleic acid) hydrogels**
Arslan F., Tunturk H., Caykara T., ŞEN M., Guven O.
FOOD CHEMISTRY, vol.70, no.1, pp.33-38, 2000 (SCI-Expanded)
- XLIV. **Immobilization of invertase attached to a granular dimer acid-co-alkyl polyamine**
Tunturk H., Arslan F., Disli A., Tufan Y.
FOOD CHEMISTRY, vol.69, no.1, pp.5-9, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Preparation of carbon paste electrode containing polyaniline-activated carbon composite for amperometric detection of phenol**
Arslan H., Senarslan D., Cevrimli B. S., Zengin H., Uzun D., Arslan F.
Bulgarian Chemical Communications, vol.50, no.1, pp.16-20, 2018 (Scopus)
- II. **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 (ESCI)
- III. **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 (ESCI)
- IV. **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 (ESCI)
- V. **'Investigation of antimicrobial effects against some microorganisms of aloe vera and Nerium Oleander also examination of the effects on The xanthine oxidase activity in liver tissue treated with cyclosporin**
ÇETE S., ARSLAN F., YAŞAR A.
G. Ü. Fen Bilimleri Dergisi, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Biyokimya Laboratuvar Deneyleri,**

Refereed Congress / Symposium Publications in Proceedings

- I. **Gıdalarda tiramin tayini için biyosensör geliştirilmesi**
Oktay H., Dikim S., Bodur O. C., Sarı N., Arslan F.
4TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Rize, Turkey, 6 - 07 June 2023, vol.1, pp.402-403
- II. **4-Aminoantipiren temelli farklı Schiff bazlarının Glukoz biyosensörü olarak incelenmesi**
Erbaş A., Dikim S., Bodur O. C., Sarı N., Arslan F.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022) , Ankara, Turkey, 23 - 25 November 2022, vol.1, pp.1717-1718
- III. **Modifiye Karbon Pasta Elektrot ile Yeni Bir Bisfenol A Biyosensörü Hazırlanması**
YİĞİT E. E., HASANOĞLU ÖZKAN E., BODUR O. C., SARI N., ARSLAN F.
14. Ulusal Kimya Mühendisliği Kongresi (UKMK2020), 10-12 Haziran 2021, Konya Teknik Üniversitesi (e-Conference), Konya, Turkey, 10 - 12 June 2021, pp.242
- IV. **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
- V. **Preparation of Acetylcholine Biosensor for the Diagnosis of Alzheimer's Disease**
BODUR O. C., HASANOĞLU ÖZKAN E., ÇOLAK Ö., ARSLAN H., SARI N., DİŞLİ A., ARSLAN F.
International Natural Science, Engineering and Materials Technology Conference (NEM 2019), Sep 9-10, İstanbul, TURKEY, İstanbul, Turkey, 9 - 10 September 2019, pp.63
- VI. **Synthesis and Inhibition on the Acetylcholinesterase Enzyme of Piperazine Derivatives Containing Pyrazine**
ÇAT M., HASANOĞLU ÖZKAN E., SARI N., ARSLAN F.
International Natural Science, Engineering and Materials Technology Conference (NEM 2019), Sep 9-10, İstanbul, TURKEY, İstanbul, Turkey, 9 - 10 September 2019, pp.128
- VII. **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
- VIII. **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
- IX. **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
- X. **Synthesis and Application of Novel Acetylcholinesterase Inhibitors**
DOĞANER M., HASANOĞLU ÖZKAN E., SARI N., ARSLAN F.
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018
- XI. **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
- XII. **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

- XIII. **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
- XIV. **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
- XV. **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.
International Congress on Chemistry and Materials Science (ANCON-2017), Ankara, Turkey, 5 - 07 October 2017
- XVI. **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.
International Congress on Chemistry and Materials Science (ANCON-2017), Ankara, Turkey, 5 - 07 October 2017
- XVII. **The effect of electronegative substituents on "IC50 value"**
ÇAT M., HASANOĞLU ÖZKAN E., ÇOLAK Ö., SARI N., ARSLAN F.
", International Congress on Chemistry and Materials Science (ANCON-2017), Ankara, Turkey, 5 - 07 October 2017
- XVIII. **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
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