

Prof. SERAP DEMİR

Personal Information

Office Phone: [+90 216 777 3350](tel:+902167773350) Extension: 3350

Email: serapgurbuz@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/serapgurbuz>

Address: serapgurbuz@marmara.edu.tr

International Researcher IDs

ORCID: 0000-0002-6326-5829

Publons / Web Of Science ResearcherID: AAA-6847-2019

ScopusID: 36966619800

Yoksis Researcher ID: 172918

Biography

Kimya Bölümü öğretim üyesi Serap Demir 17 Aralık 1976 yılında Nevşehir'de doğdu. 1 yaşında ailesi ile İstanbul'a yerleşti. 1994 yılında Marmara Üniversitesi Fen Edebiyat Fakültesi Kimya bölümünü kazandı ve 1998 yılında mezun oldu. 1999 yılında okuduğu bölümde araştırma görevlisi olarak göreve başladı. 2002 yılında yüksek lisans ve 2007 yılında Kimya/Biyokimya programında doktorasını tamamladı. 2 Ekim 2013 tarihinde Doçent unvan ve yetkisini aldı. 2015 yılında Kimya Bölümüne Doçent ve 2020 yılında Profesör olarak atandı.

Education Information

Doctorate, Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey 2003 - 2007

Postgraduate, Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey 1999 - 2001

Undergraduate, Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey 1994 - 1998

Dissertations

Doctorate, Genetik absans epilepsi (GAERS) deneysel modelinde hipokampus proteomlarının profilendirilmesi, Marmara Üniversitesi, Faculty of Arts and Sciences, Chemistry, 2007

Postgraduate, Kırmızı pancarın (*beta vulgaris* L. subsp. *rapa*. f. *rubra*) vitamin B12 bağlayıcı proteinlerinin varlığının araştırılması, Marmara Üniversitesi, Faculty of Arts and Sciences, Chemistry, 2001

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Marmara University, Faculty of Sciences, Department of Chemistry, 2022 - Continues

Professor, Marmara University, Faculty of Arts and Sciences, Chemistry, 2020 - 2022

Academic and Administrative Experience

Head of Department, Marmara University, Faculty of Sciences, Department of Chemistry, 2022 - Continues

Head of Department, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Chemistry, 2021 - Continues

Head of Department, Marmara University, Faculty of Arts and Sciences, Chemistry, 2021 - 2022

Deputy Head of Department, Marmara University, Faculty of Arts and Sciences, Chemistry, 2015 - 2021

Courses

Doctorate

Metabolik Kontrol, Doctorate, 2018 - 2019

Postgraduate

Biyokimyasal Yöntemler II, Postgraduate, 2018 - 2019

Biyokimyada Özel Konular, Postgraduate, 2014 - 2015

Biyokimyasal Yöntemler I, Postgraduate, 2014 - 2015

Undergraduate

Besin Biyokimyası, Undergraduate, 2020 - 2021

Enzim Teknolojisi, Undergraduate, 2018 - 2019

Kozmetik Kimyası, Undergraduate, 2017 - 2018

Biyokimya, Undergraduate, 2017 - 2018

Kriminal Laboratuvar Teknikleri, Undergraduate, 2016 - 2017

Biyokimya Laboratuvarı, Undergraduate, 2016 - 2017

Research Project, Undergraduate, 2016 - 2017

Biyokimya I, Undergraduate, 2014 - 2015

Biyokimya II, Undergraduate, 2013 - 2014

Supervised Theses

Demir S., Madakbaş S., İbuprofen ve parasetamolün çeşitli polimerik malzemelerden kontrollü salınımı, Postgraduate, B.İMECE(Student), 2021

Demir S., Çiğil A. B., İlaç taşıyıcı sistemler olarak manyetik Fe₃O₄ nanoparçacıkları içeren hibrit nanomalzeme hazırlanması ve karakterizasyonu, Postgraduate, Ş.TUNA(Student), 2020

Demir S., Çakmakçı E., Pektinazın amberlit XAD-4 reçinelerine klik reaksiyonlarla immobilizasyonu, Postgraduate, D.HOCAOĞLU(Student), 2019

Demir S., Çakmakçı E., POLİVİNİL ALKOL, JELATİN VE HİDROKSİMETİL SELÜLOZ İÇEREN ÇAPRAZ BAĞLI HİDROJELE LİPAZ ENZİMİNİN İMMOBİLİZASYONU, Postgraduate, E.ÖZAYDIN(Student), 2019

Demir S., Çakmakçı E., Aldehit fonksiyonelitesine sahip polimerik yüzeye antikorların kovalent olarak immobilizasyonu, Postgraduate, M.PELİN(Student), 2017

Demir S., Ogan A., Asetilkolinesteraz (AChE) Enziminin Poliakrilik Asit Esaslı Nanofiber Membran Üzerine Kovalent İmmobilizasyonu, Postgraduate, B.ÇAKIROĞLU(Student), 2015

Demir S., Lipaz enziminin UV ışınlarıyla sertleşebilen sol-jel hibrit kaplama filmlerine kovalent immobilizasyonu, Postgraduate, D.DÖNGEZ(Student), 2015

Demir S., Ogan A., Laktaz enziminin immobilizasyonu, Postgraduate, O.SARSAR(Student), 2015

Demir S., Ogan A., Çeşitli kumarin türlerinin oksidatif stres üzerine etkisi, Postgraduate, N.ARSLAN(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

1. Design, synthesis and biological evaluation of novel benzocoumarin derivatives as potent inhibitors of MAO-B activity

MELETLİ F., Gündüz C., Alparslan M. M., ATTAR A., DEMİR S., İskit E., DANIŞ Ö.

Bioorganic and Medicinal Chemistry Letters, vol.113, 2024 (SCI-Expanded)

- II. **In vitro and in silico investigation of inhibitory activities of 3-arylcoumarins and 3-phenylazo-4-hydroxycoumarin on MAO isoenzymes**
Yuce-Dursun B., Daniş Ö., Ozalp L., Sahin E., Demir S., Erdem S., Ogan A.
STRUCTURAL CHEMISTRY, vol.34, no.5, pp.1715-1729, 2023 (SCI-Expanded)
- III. **"PREPARATION AND CHARACTERIZATION OF HYBRID NANOMATERIALS CONTAINING MAGNETIC FE₃O₄ NANOPARTICLES AS DRUG DELIVERY SYSTEM "**
Tuna Ş., Çiğil A. B., Demir S.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.56, pp.795-805, 2022 (SCI-Expanded)
- IV. **Poly(lactic acid) nanofibers containing phosphorylcholine grafts for transdermal drug delivery systems**
OKTAY B., Eroglu G. O., DEMİR S., KURUCA D. S., KAYAMAN APOHAN N.
MATERIALS TODAY SUSTAINABILITY, vol.18, 2022 (SCI-Expanded)
- V. **Optimizing the immobilization conditions of beta-galactosidase on UV-cured epoxy-based polymeric film using response surface methodology**
Beyler-Çiğil A., Daniş Ö., Sarsar O., Kahraman M. V., Ogan A., Demir S.
JOURNAL OF FOOD BIOCHEMISTRY, vol.45, no.4, 2021 (SCI-Expanded)
- VI. **Investigation of HMG-CoA reductase inhibitory and antioxidant effects of various hydroxycoumarin derivatives**
Ozalp L., DANIŞ Ö., Yuce-Dursun B., DEMİR S., Gunduz C., OGAN A.
ARCHIV DER PHARMAZIE, vol.353, no.10, 2020 (SCI-Expanded)
- VII. **Immobilization of pectinase on polyethyleneimine based support via spontaneous amino-yne click reaction**
OKTAY B., DEMİR S., Kayaman-Apohan N.
Food and Bioproducts Processing, vol.122, pp.159-168, 2020 (SCI-Expanded)
- VIII. **Nonhydrolytic sol-gel synthesized oligosiloxane resin reinforced thiol-ene photocured coatings for the immobilization of acetylcholinesterase**
Çakmakçı E., Demir S.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.91, no.1, pp.72-81, 2019 (SCI-Expanded)
- IX. **Preparation of a Poly(ethylene glycol)-Based Cross-Linked Network from a Click Reaction for Enzyme Immobilization**
Oktay B., Demir S., Kayaman Apohan N.
CHEMISTRYSELECT, vol.4, no.20, pp.6055-6059, 2019 (SCI-Expanded)
- X. **Amine functional magnetic nanoparticles via waterborne thiol-ene suspension photopolymerization for antibody immobilization**
Muhsir P., ÇAKMAKÇI E., DEMİR S., OGAN A.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.170, pp.122-128, 2018 (SCI-Expanded)
- XI. **Covalent immobilization of acetylcholinesterase on a novel polyacrylic acid-based nanofiber membrane**
ÇAKIROĞLU B., Cigil A. B., OGAN A., KAHRAMAN M. V., DEMİR S.
ENGINEERING IN LIFE SCIENCES, vol.18, no.4, pp.254-262, 2018 (SCI-Expanded)
- XII. **Magnetic nanoparticle containing thiol-ene crosslinked hydrogels for controlled and targeted release of hydrophobic drugs**
Oktay B., Demir S., Kayaman Apohan N.
POLYMER COMPOSITES, vol.39, 2018 (SCI-Expanded)
- XIII. **Preparation, characterization, and in vitro evaluation of isoniazid and rifampicin-loaded archaeosomes**
Attar A., Bakir C., Yuce-Dursun B., Demir S., Çakmakçı E., Daniş Ö., Birbir M., Ogan A.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.91, no.1, pp.153-161, 2018 (SCI-Expanded)
- XIV. **Physical and Covalent Immobilization of Lipase onto Amine Groups Bearing Thiol-Ene Photocured**

Coatings

ÇAKMAKÇI E., Muhsir P., DEMİR S.

APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.181, no.3, pp.1030-1047, 2017 (SCI-Expanded)

- XV. **Maleic anhydride functionalization of OSTE based coatings via thiol-ene "Click" reaction for the covalent immobilization of xylanase**
ÇAKMAKÇI E., Yuce-Dursun B., DEMİR S.
REACTIVE & FUNCTIONAL POLYMERS, vol.111, pp.38-43, 2017 (SCI-Expanded)
- XVI. **Synthesis of selected 3-and 4-arylcoumarin derivatives and evaluation as potent antioxidants**
DANIŞ Ö., DEMİR S., Gunduz C., ALPARSLAN M. M., ALTUN S., Yuce-Dursun B.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.42, no.6, pp.6061-6077, 2016 (SCI-Expanded)
- XVII. **Preparation and characterization of sol-gel hybrid coating films for covalent immobilization of lipase enzyme**
Yuce-Dursun B., Cigil A. B., Dongez D., KAHRAMAN M. V., OGAN A., DEMİR S.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.127, pp.18-25, 2016 (SCI-Expanded)
- XVIII. **Immobilization of alpha-amylase onto poly(glycidyl methacrylate) grafted electrospun fibers by ATRP**
Oktay B., Demir S., Kayaman Apohan N.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.50, pp.386-393, 2015 (SCI-Expanded)
- XIX. **EVALUATION OF ANTIOXIDANT, RADICAL-SCAVENGING AND ACETYLCHOLINESTERASE INHIBITORY ACTIVITIES OF VARIOUS CULINARY HERBS CULTIVATED IN SOUTHERN TURKEY**
DANIŞ Ö., Yuce-Dursun B., Cimen T., DEMİR S., SALAN Ü., Yalçin G., OGAN A.
JOURNAL OF FOOD BIOCHEMISTRY, vol.38, no.6, pp.602-611, 2014 (SCI-Expanded)
- XX. **Proteomic changes in the cortex membrane fraction of genetic absence epilepsy rats from Strasbourg**
Yuce-Dursun B., DANIŞ Ö., DEMİR S., OGAN A., ONAT F.
JOURNAL OF INTEGRATIVE NEUROSCIENCE, vol.13, no.4, pp.633-644, 2014 (SCI-Expanded)
- XXI. **Immobilization of alpha- amylase on aminated polyimide membrane: Preparation, characterization, and properties**
ÇAKMAKÇI E., Cigil A. B., DANIŞ Ö., DEMİR S., KAHRAMAN M. V.
STARCH-STARKE, vol.66, pp.274-280, 2014 (SCI-Expanded)
- XXII. **Alpha-Amylase Immobilization on Epoxy Containing Thiol-Ene Photocurable Materials**
Çakmakçı E., Daniş Ö., Demir S., Mulazim Y., Kahraman M. V.
JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY, vol.23, no.2, pp.205-210, 2013 (SCI-Expanded)
- XXIII. **Covalent immobilization of a-amylase onto thermally crosslinked electrospun PVA/PAA nanofibrous hybrid membranes**
Basturk E., DEMİR S., DANIŞ Ö., KAHRAMAN M. V.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.127, no.1, pp.349-355, 2013 (SCI-Expanded)
- XXIV. **Xylanase immobilization on functionalized polyaniline support by covalent attachment**
MADAKBAŞ S., DANIŞ Ö., DEMİR S., KAHRAMAN M. V.
STARCH-STARKE, vol.65, pp.146-150, 2013 (SCI-Expanded)
- XXV. **alpha-Amylase immobilization on functionalized nano CaCO₃ by covalent attachment**
DEMİR S., Gok S. B., KAHRAMAN M. V.
STARCH-STARKE, vol.64, no.1, pp.3-9, 2012 (SCI-Expanded)
- XXVI. **Changes in intracellular protein expression in cortex., thalamus and hippocampus in a genetic rat model of absence epilepsy**
DANIŞ Ö., DEMİR S., GÜNEL A., Aker R., GÜLÇEBİ İDRİZ OĞLU M., ONAT F., OGAN A.
BRAIN RESEARCH BULLETIN, vol.84, no.6, pp.381-388, 2011 (SCI-Expanded)
- XXVII. **Preparation and characterization of UV-curable polymeric support for covalent immobilization of xylanase enzyme**
Akdemir Z. S., DEMİR S., KAHRAMAN M. V., Apohan N.

- JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.68, no.1, pp.104-108, 2011 (SCI-Expanded)
- XXVIII. **Preparation, characterization, and drug release properties of poly(2-hydroxyethyl methacrylate) hydrogels having beta-cyclodextrin functionality**
DEMİR S., KAHRAMAN M. V., BORA N., KAYAMAN APOHAN N., OGAN A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.109, no.2, pp.1360-1368, 2008 (SCI-Expanded)
- XXIX. **Intrinsic factor and vitamin B12 complex-loaded poly[lactic-co-(glycolic acid)] microspheres: preparation, characterization and drug release**
DEMİR S., OGAN A., KAYAMAN APOHAN N.
POLYMER INTERNATIONAL, vol.57, no.2, pp.372-377, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Asetilkolinesterazın Pirol İçeren Fotokürlenmiş Termosetlere İmmobilizasyonu**
ALI K. K., DEMİR S., ÇAKMAKÇI E., OGAN A.
SDU Journal of Natural and Applied Sciences, vol.27, pp.95-102, 2023 (Peer-Reviewed Journal)
- II. **Magnetite nanoparticle polymer composites for prolonged and controlled drug release**
OKTAY B., DEMİR S., KAYAMAN APOHAN N.
PLASTICS RESEARCH ONLINE, 2016 (Peer-Reviewed Journal)
- III. **Inhibition of Pancreatic Lipase by Culinary Plant Extracts**
DANIŞ Ö., OGAN A., DAMLA A., YÜCE DURSUN B., DEMİR S., SALAN Ü.
International Journal of Plant Biology & Research, vol.3, pp.1038-1040, 2015 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **IMMOBILIZATION OF LIPASE ONTO MOF-BASED FILM**
Aslan M. B., Oktay B., Demir S.
IX. INTERNATIONAL HEALTH, ENGINEERING AND SCIENCES CONGRESS, Ankara, Turkey, 27 - 29 September 2024, pp.245-246
- II. **Investigation of controlled release of İbuprofen and Paracetamol in Different Polymeric Materials**
Madakbaş S., Demir S., İmece B.
Biltek 2019 Uluslararası Bilim, Teknoloji Güncel Gelişmeler Sempozyumu, Ankara, Turkey, 20 - 22 December 2019, vol.3, pp.411
- III. **Asetikolinesterazın UV ışınları ile sertleşen glisidil fonksiyonel polimer yüzeyine immobilizasyonu**
DEMİR S., AYGAN A., ÇAKMAKÇI E.
30. Ulusal Kimya Kongresi, Turkey, 5 - 08 November 2018
- IV. **Mırmır Balığından (Lithognathus mormyrus) Kolajen Ekstraksiyonu, Karakterizasyonu ve İlaç Salınım Özelliklerinin İncelenmesi**
Daniş Ö., Demir S., Wafula M. W., Yüce Dursun B., Çakmakçı E.
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkctc), 5 - 08 November 2018
- V. **In vitro and in silico investigation of antioxidative and HMG-CoA reductase inhibitory effects of various coumarin derivatives**
Özalp I., DANIŞ Ö., YÜCE DURSUN B., DEMİR S., OGAN A.
7th International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 07 September 2019
- VI. **Immobilization of lipase enzyme onto crosslinked hydrogel containing polyvinyl alcohol, gelatin and carboxymethylcellulose**
DANIŞ Ö., ÖZAYDIN E., ÇAKMAKÇI E., DEMİR S.
1st International Health Sciences and Life Congress, 2 - 05 May 2018
- VII. **Immobilization of pectinase via click reaction on amberlite XAD-4 resins**
Çakmakçı E., Daniş Ö., Hocaoğlu D., Yüce Dursun B., Demir S.

3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017

- VIII. **MAGNETIC FIELD SENSITIVE BIOPOLYMER HYDROGELS IN CONTROLLED DRUG DELIVERY SYSTEMS**
OKTAY B., DEMİR S., KAYAMAN APOHAN N.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- IX. **Antibody immobilization onto amine functional magnetic nanoparticles**
MUHSİR M. P., YÜCE DURSUN B., DANIŞ Ö., DEMİR S., ÇAKMAKÇI E.
3rd International Conference on New Trends in Chemistry, 28 - 30 April 2017
- X. **Immobilization of Lipase onto photocrosslinked interpenetrating polymer network**
YÜCE DURSUN B., BEYLER ÇİĞİL A., DANIŞ Ö., DEMİR S., KAHRAMAN M. V.
3rd International Conference on New Trends in Chemistry, 28 - 30 April 2017
- XI. **Extraction of collagen from food waste and the preparation of polyhydroxyalkanoate composites**
DANIŞ Ö., WAFULA M., YÜCE DURSUN B., DEMİR S., ÇAKMAKÇI E.
3rd International Conference on New Trends in Chemistry, 28 April - 30 July 2017
- XII. **Synthesis Characterization and DNA Binding Studies of Novel Zn II Pc**
YÜCE DURSUN B., DANIŞ Ö., ÇUBUK S., ÇAKIRCA G., DEMİR S., BAŞAK A. S.
28. Ulusal Kimya Kongresi, Mersin, Turkey, 15 - 21 August 2016
- XIII. **Immobilization of Lipase onto thiol ene photocured polymeric coatings**
ÇAKMAKÇI E., Muhsir P., DEMİR S.
28.Ulusal Kimya Kongresi, Turkey, 15 - 21 August 2016
- XIV. **In Silico Approach to Monoamine Oxidase A Inhibitory Potential of New Coumarine Derivatives**
Erzincan P., Erdem S., Saçan M., Yüce Dursun B., Daniş Ö., Demir S., Ogan A.
. 17th International Conference on QSAR in Environmental and Health Sciences (QSAR 2016), Florida, United States
Of America, 13 - 17 June 2016
- XV. **Galaktosidaz Enziminin UV Işınlarıyla Sertleşen Polimerik Matriks Üzerine Yanıt Yüzey Metodu RSM İle Optimal İmmobilizasyonu**
DANIŞ Ö., Onur S., BEYLER ÇİĞİL A., DEMİR S., KAHRAMAN M. V., OGAN A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XVI. **Lipaz Enziminin UV Işınlarıyla Sertleşen Sol Jel Hibrit Kaplama Filmlerine Yanıt Yüzey Metodu RSM İle Optimal İmmobilizasyonu**
DEMİR S., Dilek D., BEYLER ÇİĞİL A., DANIŞ Ö., YÜCE DURSUN B., KAHRAMAN M. V., OGAN A.
27.Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XVII. **LL 37 Antimikrobiyal Peptidinin Lipozomlara Yüklenmesi Ve Salınımının İncelenmesi**
Bakır C., ATTAR A., YÜCE DURSUN B., DEMİR S., OGAN A.
27.Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XVIII. **WAG Rij Wistar Albino Glaxo Rijswijk Deneysel Sıçan Modelinde Korteks Proteomlarının Profillendirilmesi**
DANIŞ Ö., DEMİR S., YÜCE DURSUN B., ONAT F., OGAN A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XIX. **WAG Rij Wistar Albino Glaxo Rijswijk Deneysel Sıçan Modelinde Korteks Proteomlarının Profillendirilmesi**
DANIŞ Ö., DEMİR S., YÜCE DURSUN B., ONAT F., OGAN A.
27.Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XX. **galaktosidaz enziminin uv ışınlarıyla sertleşen polimerikmatriks üzerine yanıt yüzey metodu rsm ile optimalimmobilizasyonu**
DANIŞ Ö., SANSAR O., BEYLER ÇİĞİL A., DEMİR S., KAHRAMAN M. V., OGAN A.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.716
- XXI. **3 Aril Kumarin Türevlerinin Sentezi Ve İnsan Monoamin Oksidaz A Ve B İnhibitörleri Olarak Etkilerinin İncelenmesi**
YÜCE DURSUN B., Şahin E., DANIŞ Ö., DEMİR S., OGAN A., ERDEM S.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXII. **Lipaz enziminin uv ışınlarıyla sertleşen sol jel hibritkaplama filmlerine yanıt yüzey metodu rsm ile**

optimalimmobilizasyonu

DEMİR S., DÖNGEZ D., BEYLER ÇİĞİL A., DANIŞ Ö., YÜCE DURSUN B., KAHRAMAN M. V., OGAN A.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 25 August 2015, pp.717

- XXIII. **Wag rij wistaralbinoglaxo rijswijk deneysel sıçan modelinde korteks proteomlarının profillendirilmesi**
DANIŞ Ö., DEMİR S., YÜCE DURSUN B., ONAT F., OGAN A.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.499
- XXIV. **3 Aril kumarin türevlerinin sentezi ve insan monoamin oksidaz B ve B inhibitörleri olarak etkilerinin incelenmesi**
YÜCE DURSUN B., ŞAHİN E., DANIŞ Ö., DEMİR S., OGAN A., ERDEM S.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- XXV. **QSAR Models for Antioxidant Activity of New Coumarin Derivatives**
ERZİNCAN P., SAÇAN M., YÜCE DURSUN B., DANIŞ Ö., DEMİR S., ERDEM S., OGAN A.
8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), 21 - 25 June 2015
- XXVI. **Asetilkolinesteraz AChE Enziminin Poliakrilik Asit Esaslı Nanofiber Membran Üzerine Kovalent İmmobilizasyonu**
ÇAKIROĞLU B., BEYLER ÇİĞİL A., KAHRAMAN M. V., DEMİR S., OGAN A.
Fiziksel Kimya Kongresi, Turkey, 16 - 19 May 2015
- XXVII. **Synthesis Characterization and Investigation of Their DNA Binding Properties of Novel Phthalocyanines**
YÜCE DURSUN B., BAŞAK A. S., DANIŞ Ö., ÇUBUK S., ÇAKIRCA G., DEMİR S.
International Congress on Chemical, Biological and Environmental Sciences (ICCBES), Kyoto, Japan, 7 - 09 May 2015
- XXVIII. **Synthesis and biological evaluation of benzocoumarin derivatives as human monoamine oxidase A and B inhibitors**
DANIŞ Ö., YÜCE DURSUN B., DEMİR S., ALPARSLAN M. M., OGAN A., ERDEM S.
International Congress on Chemical Biological and Environmental Sciences (ICCBES2015), 7 - 09 May 2015
- XXIX. **İnsan Monoamin Oksidaz A ve B İnhibitörleri olarak Benzokumarin Türevlerinin Sentezi ve Biyolojik olarak Değerlendirilmesi**
Danış Ö., Yüce Dursun B., Demir S., Alparslan M., Ogan A., Erdem S.
International Congress on Chemical Biological and Environmental Sciences, Kyoto, Japan, 7 - 09 May 2015, pp.887
- XXX. **Monoamin Oksidaz A ve B inhibitörü olarak tasarlanan yeni kumarin türevleri ile moleküler doking**
ERZİNCAN P., YÜCE DURSUN B., DANIŞ Ö., DEMİR S., ERDEM S., OGAN A.
3. İlaç Kimyası: İlaç Etken Maddesi Tasarımı Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 20 - 23 March 2015
- XXXI. **Monoamin Oksidaz A ve B İnhibitörü olarak Tasarlanan Yeni kumarin Türevleri ile Moleküler Doking**
Erzincan P., Türker Saçan M., YÜCE DURSUN B., DANIŞ Ö., DEMİR S., ERDEM S., OGAN A.
3. Kimya İlaç Kongresi, Jenerik İlaçlar ve Kimyası, Turkey, 20 - 22 March 2015
- XXXII. **Monoamin Oksidaz A ve B İnhibitörü Olarak Tasarlanan Yeni Kumarin Türevleri İle Moleküler Doking**
ERDEM S., ERZİNCAN P., YÜCE DURSUN B., DANIŞ Ö., DEMİR S., OGAN A.
3. İlaç Kimyası Kongresi, Antalya, Turkey, 20 - 22 March 2015
- XXXIII. **Release studies of Rifampicin from Extremely Halophilic Archaeon Haloarcula 2TK2**
BAKIR C., ATTAR A., OGAN A., DEMİR S., ÇAKMAKÇI E., DANIŞ Ö., BİRBİR M.
International Symposium on Molecular Chemistry, 18 - 19 December 2014
- XXXIV. **Covalant immobilization of lactase onto UV curable polymeric matrix**
SARSAR O., BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., OGAN A., KAHRAMAN M. V.
Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with Internatinal Participation. Sarajevo, Bosnia and Herzegovina. 10-12 October 2014, SARAYBOSNA, Bosnia And Herzegovina, 10 - 12 October 2014
- XXXV. **Covalant immobilization of Lipase ontosol gel hybrid coating films**
DÖNGEZ D., BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., OGAN A., KAHRAMAN M. V.

Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with Internatinal Participation, SARAY BOSNA, Bosnia And Herzegovina, 10 - 12 October 2014

XXXVI. Covalent Immobilization of Lactase onto UV Curable Polymeric Matrix

ONUR S., BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., OGAN A., KAHRAMAN M. V.

Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, 10 - 12 October 2014

XXXVII. Covalent Immobilization of Lipase onto Sol Gel Hybrid Coating Films

DİLEK D., BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., OGAN A., KAHRAMAN M. V.

Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, 10 - 12 October 2014

XXXVIII. Preparation and Properties of Xylanase Immobilization with Functionalized Polyimide Membrane

BEYLER ÇİĞİL A., DEMİR S., DANIŞ Ö., KAHRAMAN M. V.

International Symposium on Advanced Polymeric Materials, Putra World Trade Centre, 13 -16 May 2014 Kuala Lumpur, MALAYSIA, 13 - 16 May 2014

XXXIX. Molecular Docking of New Coumarin Derivatives as Selective Inhibitors of Monoamine Oxidase A and B

PINAR E., DANIŞ Ö., YÜCE DURSUN B., DEMİR S., ERDEM S., OGAN A.

2nd International BAU Drug Design Symposium, 17 - 19 April 2014

XL. Magnetic Nanoparticle Included Biodegradable Smart Hydrogels

Biçer T., ÇAKMAKÇI E., DEMİR S., KAYAMAN APOHAN N.

IUPAC 44th World Chemistry Congress, 11 - 16 August 2013

XLII. The investigation of antibacterial effects of various 4 aryl substituted coumarin derivatives

DANIŞ Ö., DEMİR S., ATTAR A., YÜCE DURSUN B.

38th FEBS Congress, 6 - 11 July 2013

XLII. in vitro investigation oh HMG CoA reductase inhibitory effects of various coumarin derivatives

YÜCE DURSUN B., DANIŞ Ö., DEMİR S., OGAN A.

38th FEBS Congress, 6 - 11 July 2013

XLIII. Alpha-amylase Immobilization on Modified Polyimide Material

Beyler-Cigil A., ÇAKMAKÇI E., DANIŞ Ö., DEMİR S., KAHRAMAN M. V.

11th International Conference on Chemical and Process Engineering (ICheaP), Milan, Italy, 2 - 05 June 2013, vol.32, pp.1687-1692

XLIV. Alfa Amilaz Enziminin Çapraz Bağlı Polivinil Alkol Poliakrilik Asit Nanofiber Destek Materyali Üzerine Kovalent İmmobilizasyonu

EMRE B., KAHRAMAN M. V., DANIŞ Ö., DEMİR S.

III.Fiziksel Kimya Günleri, Turkey, 12 - 15 July 2012

XLV. Amilaz Enziminin Nano Kalsiyum Karbonata İmmobilizasyonu

KAHRAMAN M. V., DEMİR S., BURCU SEVDA G.

III. Fiziksel Kimya Günleri, Turkey, 12 - 15 July 2012

XLVI. Investigation of Efficiency on Oxidative Stress of Various Herbs in Hatay Region Turkey

ÇİMEN T., DANIŞ Ö., DEMİR S., SALAN Ü., GÜNDÜZ C., YALÇIN G., OGAN A.

10th International Symposium Pharmaceutical Sciences, 26 - 29 June 2012

XLVII. nvestigation of novel synthesized coumarins on oxidative stress

ARSLAN N., DEMİR S., DANIŞ Ö., GÜNDÜZ C., ALPARSLAN M. M., OGAN A.

10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara, Turkey, 26 - 29 June 2012

XLVIII. Investigation of Efficiency on Oxidative Stress of Various Herbs in Hatay Region

TALİN Ç., DANIŞ Ö., DEMİR S., SALAN Ü., CİHAN G., YALÇIN G., OGAN A.

10th International Symposium Pharmaceutical Sciences, 26 - 29 June 2012

XLIX. Investigation of Novel Synthesized Coumarins on Oxidative Stress

NAYAT A., DEMİR S., DANIŞ Ö., CİHAN G., ALPARSLAN M. M., OGAN A.

10th International Symposium Pharmaceutical Sciences, 26 - 29 June 2012

L. Assessment of antioxidant capacity and radical scavenging activity of various hydroxycoumarin derivatives

DANIŞ Ö., DEMİR S., YÜCE DURSUN B., CİHAN G.

36th FEBS Congress, 25 - 30 June 2011

- LI. **Profiling of cortex membrane proteomes in genetic absence epilepsy GAERS experimental rat model**
YÜCE DURSUN B., DANIŞ Ö., DEMİR S., ONAT F., OGAN A.
36th FEBS Congress, 25 - 30 June 2011
- LII. **Çeşitli Kumarin Türevlerinin Antioksidan ve Radikal Tutucu Özelliklerinin İncelenmesi**
DANIŞ Ö., DEMİR S., YÜCE DURSUN B., CİHAN G., BULUT M.
XXII. Ulusal Biyokimya Kongresi, Turkey, 27 - 30 October 2010
- LIII. **Identification of Differentiated Proteins In Gaers By Proteomics Approach**
GÜNEL A., DANIŞ Ö., DEMİR S., OGAN A., GÜLHAN R., ONAT F., GÜLÇEBİ İDRİZ OĞLU M.
2009 Annual Meeting of the American Epilepsy Society, BOSTON, United States Of America, 4 - 08 December 2009, vol.50, pp.1-158
- LIV. **Identification of differentiated proteins in GAERS by proteomics approach**
GÜNEL A., DANIŞ Ö., DEMİR S., OGAN A., REZZAN A., ONAT F., GÜLÇEBİ İDRİZ OĞLU M.
28th International Epilepsy Congress Budapest, 28 June - 01 July 2009
- LV. **Proteomiks yaklaşımı kullanılarak GAERS lerde farklılaşan proteinlerin kodlanması**
GÜNEL A., DANIŞ Ö., DEMİR S., OGAN A., GÜLHAN R., ONAT F., GÜLÇEBİ M.
8. Ulusal Sinirbilimleri Kongresi, Turkey, 18 - 22 April 2009
- LVI. **Release of Rifampicin from Archaeosomes Prepared from Haloarcula 2TK2 Strain**
OGAN A., UĞURLU S., DEMİR S., BİRBİR M.
XII. International Congress of Bacteriology and Applied Microbiology, İstanbul, Turkey, 5 - 09 August 2008
- LVII. **Release of Rifamicin from Archaeosomes Prepared from Haloarcula 2TK2 Strain**
OGAN A., SEVİNÇ U., DEMİR S., BİRBİR M.
XII. International Congress of Bacteriology and Applied Microbiology, 5 - 09 August 2008
- LVIII. **Determination and Identification of Epilepsy Related Proteins in GAERS Epilepsy Model by Proteome Analysis**
DANIŞ Ö., DEMİR S., OGAN A., REZZAN A., ONAT F., GÜLÇEBİ İDRİZ OĞLU M.
HUPO 6th Annual World Congress, 6 - 10 October 2007
- LIX. **The Profile of the Hippocampus Cortex and Thalamus Proteomes in the Genetic Absence Epilepsy GAERS**
DEMİR S., DANIŞ Ö., GÜLHAN R., GÜNEL A., GÜLÇEBİ İDRİZ OĞLU M., OGAN A., ONAT F.
Experimental Model. Idiopathic Generalized Epilepsies (IGE): Developmental Aspects; Bridging Basic Science and Clinical Research, Antalya, Turkey, 3 - 06 October 2007
- LX. **Preparation and drug release behaviour of monovinyl beta cyclodextrin PEG diacrylate HEMA hydrogels**
BORA N., KAHRAMAN M. V., DEMİR S., KAYAMAN APOHAN N., OGAN A.
31st FEBS Congress Molecules in Health& Disease, 24 - 29 June 2006
- LXI. **Release of Intrinsic Factor and vitamin B12 from PLGA Microspheres**
DEMİR S., OGAN A., KAYAMAN APOHAN N.
International Symposium on Medicinal Chemistry Research and Development September, 28 September - 01 October 2005, pp.82
- LXII. **Release of intrinsic factor and vitamin B12 from PLGA microspheres**
DEMİR S., OGAN A., KAYAMAN APOHAN N.
International Symposium on Medicinal Chemistry Research and Development. MCRD 2005, AYDIN-KUŞADASI, Turkey, 18 - 21 September 2005
- LXIII. **Determination of Alterations in Protein Profiles of Brain Tissues of Experimental Epilepsy Models by Proteome Analysis**
DANIŞ Ö., DEMİR S., REZZAN G. A., GÜNEL A., ONAT F., OGAN A.
31st FEBS Congress Molecules in Health& Disease, 24 - 29 June 2006
- LXIV. **Determination of alterations in protein profiles of brain tissue of experimental epilepsy models by proteome analysis**
DANIŞ Ö., DEMİR S., GÜLHAN R., GÜNEL A., ONAT F., OGAN A.

31st FEBS Congress, Molecules in Health & Disease, İstanbul, Turkey, 23 - 29 June 2005, vol.273, pp.77-367

LXV. Investigation of Vitamin B12 Binding proteins in Red Beet Juice

OGAN A., HURİYE K. K., DEMİR S., GENCER Ö., GÜNEL A., MİNE E.

17. Ulusal Biyokimya Kongresi, Turkey, 24 - 27 June 2002

LXVI. DNOC nin 4 6 Dinitro o Cresol Apsergiles Niger den Elde Edilmiş Sellulaz Enzimi Üzerine Etkisi

OGAN A., DEMİR S., AYDIN A.

XIV. Ulusal Kimya Kongresi, Turkey, 10 - 15 September 2000

Supported Projects

Demir S., Yalçın B., Meletli F., Özdemir M., Project Supported by Higher Education Institutions, In Vitro and In Silico Investigation of the Effects of Coumarin-Phthalonitrile Derivatives on Coagulation Factor Xa Activity and Their Binding to Serum Albumin, 2023 - 2025

Demir S., Oktay B., Aslan M. B., Project Supported by Higher Education Institutions, Hidroliz ve Sentez Reaksiyonlarında Biyokatalizör Olarak MOF tabanlı polimerik filmlere Lipaz İmmobilizasyonu, 2023 - 2024

Demir S., Danış Ö., Project Supported by Higher Education Institutions, Çeşitli Kumarin Türevlerinin Antibakteriyel Etkilerinin İncelenmesi, 2011 - 2024

Madakbaş S., Demir S., Imece B., Project Supported by Higher Education Institutions, Investigation of Controlled Release of İbuprofen and Paracetamol in different polymeric materials, 2019 - 2020

Demir S., Project Supported by Higher Education Institutions, İlaç taşıyıcı sistemler olarak manyetik Fe₃O₄ nanoparçacıkları içeren hibrit nano malzemelerin hazırlanması ve karakterizasyonu, 2019 - 2020

Demir S., Project Supported by Higher Education Institutions, Pektinazın amberlit XAD-4 reçinelerine klik reaksiyonlarla immobilizasyonu, 2016 - 2019

Demir S., Çakmakçı E., Aygan A., Project Supported by Higher Education Institutions, Asetilkolinesterazın UV ışınları ile sertleşen glisidil fonksiyonel polimer yüzeyine immobilizasyonu, 2017 - 2018

Şişman A., Tinay İ., Ogan A., Danış Ö., Yüce Dursun B., Demir S., Çam H. K., TUBITAK Project, İdrarda En-2 proteini düzeyini belirlemeye yönelik Mems tabanlı bir biyosensör prototipi tasarım ve gerçekleştirilmesi, 2016 - 2018

Demir S., Project Supported by Higher Education Institutions, Aldehit Fonksiyonelitesine Sahip Polimerik Yüzeye Antikorların Kovalent Olarak İmmobilizasyonu, 2016 - 2017

Demir S., Yüce-Dursun B., Project Supported by Higher Education Institutions, Çeşitli Ftalosiyanın Bileşiklerinin DNA Bağlayıcı Özelliklerinin İncelenmesi, 2013 - 2017

Demir S., Ogan A., Danış Ö., Yüce Dursun B., Project Supported by Higher Education Institutions, İnsan Monoamino Oksidaz A ve B Enzimlerinin 3 Aril Kumarin Türevleri ile İnhibisyonunun Araştırılması, 2013 - 2016

Demir S., Ogan A., Project Supported by Higher Education Institutions, Laktaz Enziminin İmmobilizasyonu, 2013 - 2014

Demir S., Project Supported by Higher Education Institutions, Çeşitli Kumarin Türevlerinin Pıhtılaşma Sistemi Üzerine Etkisinin İncelenmesi, 2011 - 2013

Demir S., Ogan A., Project Supported by Higher Education Institutions, Çeşitli Kumarin Türlerinin Oksidatif Stres Üzerine Etkisi, 2011 - 2012

Demir S., Ogan A., Danış Ö., Yüce Dursun B., Project Supported by Higher Education Institutions, Çeşitli Kumarin Türevlerinin in vitro Ortamda HMG KoA Redüktaz enzimi Üzerindeki İnhibisyon Etkisinin Araştırılması, 2011 - 2012

Demir S., Project Supported by Higher Education Institutions, Çeşitli Kumarin Türevlerinin Antioksidan ve Radikal tutucu Özelliklerinin İncelenmesi, 2008 - 2010

Demir S., Ogan A., Project Supported by Higher Education Institutions, Genetik Absans Epilepsi WAG Rij Suşu Deneysel Sıçan Modelinde Korteks Talamus ve Hipokampus Proteomlarının İki Boyutlu Poliakrilamid Jel Elektrofrezisi 2D PAGE Yöntemi ile Profillendirilmesi, 2007 - 2010

Demir S., Ogan A., Project Supported by Higher Education Institutions, Genetik Absans Modelinde GAERS Deneysel Modelinde Hipokampus Proteomlarının Profillendirilmesi, 2006 - 2009

Demir S., Ogan A., TUBITAK Project, Proteom Analizi ile deneysel epilepsi modelinde beyin dokusu proteinlerindeki olası değişikliklerin saptanması, 2005 - 2007

Patent

Şişman A., Ogan A., Demir S., A Biyosensor for early detection of prostate cancer, Utility Model, CHAPTER A Human Needs, The Invention Registration Number: TR2018-02751 Y , Standard Registration, 2022

Metrics

Publication: 98

Citation (WoS): 394

Citation (Scopus): 315

H-Index (WoS): 12

H-Index (Scopus): 11