

## Asst. Prof. Yeliz ELALMIŞ

### Personal Information

**Fax Phone:** [+90 212 383 4625](tel:+902123834625)

**Email:** [elalmis@yildiz.edu.tr](mailto:elalmis@yildiz.edu.tr)

**Web:** <https://avesis.yildiz.edu.tr/elalmis>

**Address:** Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Biyomühendislik Bölümü, Davutpaşa Kampüsü, Esenler/İstanbul

### International Researcher IDs

ScholarID: FYEzAKMAAAAJ

ORCID: 0000-0002-6871-2202

Publons / Web Of Science ResearcherID: GLS-7846-2022

ScopusID: 55637412600

Yoksis Researcher ID: 174237

### Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, Turkey 2008 - 2015

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, Turkey 2005 - 2008

Undergraduate, Balıkesir University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2000 - 2004

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Dental Kompozitlerde Pirinç Kabuğu Külünden Üretilen Silika Tozlarının Kullanılması, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Biyomühendislik, 2015

Postgraduate, Miyeloperoksidaz Enziminin Lösemi Tedavisinde Kullanılan Doksorubisine Etkisinin İncelenmesi , Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Biyomühendislik, 2008

### Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Composites, Chemistry, Biochemistry, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, 2022 - Continues

Research Assistant PhD, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of

Bioengineering, 2015 - 2022

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, 2009 - 2015

## Courses

Enzyme Technology, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Biyokimyasal Mühendislik, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Separation Processes in Bioengineering, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Biochemical Engineering, Undergraduate, 2021 - 2022, 2020 - 2021

Biomedical Materials, Undergraduate, 2018 - 2019

## Advising Theses

YÜCEL S., ELALMIŞ Y., Dekstran Kaplı Silika Aerojellerin Kolon Kanseri Tedavisi İçin İlaç Salım Sistemi Olarak Geliştirilmesi, Postgraduate, E.Tiryaki(Student), 2017

## Jury Memberships

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, March, 2023

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, January, 2023

## Designed Lessons

Elalmiş Y., Enzyme Technology, Undergraduate, 2018 - 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Green Electrospun Poly(vinyl alcohol)/Gelatin-Based Nanofibrous Membrane by Incorporating 45S5 Bioglass Nanoparticles and Urea for Wound Dressing Applications: Characterization and In Vitro and In Vivo Evaluations**  
Temel-Soylu T. M., Keçeciler-Emir C., Rababah T., Özel C., Yücel S., Elalmiş Y., Altan D., Kirgiz Ö., Seçinti İ. E., Kaya U., et al.  
ACS Omega, vol.9, no.19, pp.21187-21203, 2024 (SCI-Expanded)
- II. **Mesoporous silica aerogels for sunflower oil refining and investigation of their adsorption performance**  
Soylu T. M., ÖZEL C., Karakuzu İkizler B., Özarslan A. C., Terzioğlu P., ELALMIŞ Y., YÜCEL S.  
Journal of Sol-Gel Science and Technology, 2024 (SCI-Expanded)
- III. **Characterizations and solubility profile of novel senary SiO<sub>2</sub>-CaO-Na<sub>2</sub>O-P<sub>2</sub>O<sub>5</sub>-CaF<sub>2</sub>-SrO glass structure modified with Nb<sub>2</sub>O<sub>5</sub>**  
Özarslan A. C., ÖZEL C., YÜCEL S., ELALMIŞ Y.  
Ceramics International, 2024 (SCI-Expanded)
- IV. **Fabrication and characterization of chlorhexidine gluconate loaded poly(vinyl alcohol)/45S5 nano-bioactive glass nanofibrous membrane for guided tissue regeneration applications**  
Emir C., Elalmiş Y., Şahin Y. M., Buluş E., Yücel S.  
BIOPOLYMERS, vol.23562, pp.1-18, 2023 (SCI-Expanded)

- V. **Evaluation of biocomposite putty with strontium and zinc co-doped 45S5 bioactive glass and sodium hyaluronate**  
 Özel C., Çevlik C. B., Özarslan A. C., Emir C., Elalmis Y. B., Yücel S.  
 INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.242, no.2, pp.124901, 2023 (SCI-Expanded)
- VI. **Fabrication of stable electrospun blended chitosan-poly(vinyl alcohol) nanofibers for designing naked-eye colorimetric glucose biosensor based on GOx/HRP**  
 Filiz B. C., Elalmis Y. B., Bektas I. S., Figen A.  
 International Journal of Biological Macromolecules, vol.192, pp.999-1012, 2021 (SCI-Expanded)
- VII. **Amorphous biogenic silica production and utilization in experimental dental composites: Effect of silica gel formation pH on silica and composite properties**  
 ELALMIŞ Y., YÜCEL S., AYDIN İ.  
 POLYMER COMPOSITES, vol.42, no.10, pp.5111-5124, 2021 (SCI-Expanded)
- VIII. **Investigation of alumina doped 45S5 glass as a bioactive filler for experimental dental composites**  
 Elalmış Y., Karakuzu İkizler B., Kılıç Depren S., Yücel S., Aydın İ.  
 INTERNATIONAL JOURNAL OF APPLIED GLASS SCIENCE, vol.12, no.3, pp.313-327, 2021 (SCI-Expanded)
- IX. **Production of biosilica based bioactive glass-alginate composite putty as bone support material, and evaluation of in vitro properties; bioactivity and cytotoxicity behavior**  
 Ozarslan A. C., Elalmis Y., YÜCEL S.  
 JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.561, 2021 (SCI-Expanded)
- X. **Novel organic/inorganic hybrid nanoparticles as enzyme-triggered drug delivery systems: Dextran and Dextran aldehyde coated silica aerogels**  
 Tiryaki E., Elalmis Y. B., İkizler B. K., YÜCEL S.  
 JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.56, 2020 (SCI-Expanded)
- XI. **Role of magnesium and aluminum substitution on the structural properties and bioactivity of bioglasses synthesized from biogenic silica**  
 Karakuzu-İkizler B., Terzioğlu P., Elalmış Y., Tekerek B. S., Yücel S.  
 BIOACTIVE MATERIALS, vol.5, no.1, pp.66-73, 2020 (SCI-Expanded)
- XII. **Investigation of Mg, K, Cu, Zn doped S53P4 bioactive glass in vitro studies; bioactivity and biodegradability features**  
 Çevlik C. B., Özarslan A. C., Karakuzu İkizler B., Elalmış Y., Yücel S.  
 Journal Of The Indian Chemical Society, vol.96, pp.1131-1136, 2019 (SCI-Expanded)
- XIII. **Synthesis of glucose oxidase-PEG aldehyde conjugates and improvement of enzymatic stability**  
 Vardar G., Altikatoglu M., Basaran Y., İŞILDAK İ.  
 ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.46, no.4, pp.788-794, 2018 (SCI-Expanded)
- XIV. **The effect of process variables on the properties of nanoporous silica aerogels: an approach to prepare silica aerogels from biosilica**  
 Temel T. M., İkizler B. K., Terzioğlu P., Yücel S., Elalmis Y.  
 JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.84, pp.51-59, 2017 (SCI-Expanded)
- XV. **Thermo-Responsive Complexes of c-Myc Antisense Oligonucleotide with Block Copolymer of Poly(OEGMA) and Quaternized Poly(4-Vinylpyridine)**  
 Topuzoğulları M., Elalmis Y., Isoglu S. D.  
 MACROMOLECULAR BIOSCIENCE, vol.17, 2017 (SCI-Expanded)
- XVI. **Enzymatic activity of a novel halotolerant lipase from Haloarcula hispanica 2TK2**  
 Ozgen M., Attar A., Elalmış Y., Birbir M., Yücel S.  
 POLISH JOURNAL OF CHEMICAL TECHNOLOGY, vol.18, pp.20-25, 2016 (SCI-Expanded)
- XVII. **Protective Effect of Dextran on Glucose Oxidase Denaturation and Inactivation**  
 ALTİKATOĞLU YAPAÖZ M., ELALMIŞ Y.  
 ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.40, pp.261-265, 2012 (SCI-Expanded)
- XVIII. **Additive Effect of Dextran on the Stability of Horseradish Peroxidase**  
 Altikatoglu M., Basaran Y.  
 PROTEIN JOURNAL, vol.30, no.2, pp.84-90, 2011 (SCI-Expanded)

- XIX. **Glucose Oxidase-dextran Conjugates with Enhanced Stabilities Against Temperature and pH**  
Altıkatoğlu M., Basaran Y., Ariöz C., OGAN A., Kuzu H.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.160, no.8, pp.2187-2197, 2010 (SCI-Expanded)
- XX. **Stabilization of horseradish peroxidase by covalent conjugation with dextran aldehyde against temperature and pH changes**  
Altıkatoğlu M., Ariöz C., Basaran Y., Kuzu H.  
CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, vol.7, no.3, pp.423-428, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effect of al<sub>2</sub>o<sub>3</sub> doping on antibacterial activity of 45s5 bioactive glass**  
Elalmış Y. B.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.8, no.2, pp.419-428, 2021 (Scopus)
- II. **EFFECT OF ACID TYPE AND GELATION pH ON THE STRUCTURAL PROPERTIES OF SILICA AEROGELS PREPARED BY USE OF RICE HULL BIOSILICA**  
KARAKUZU B., TEMEL T. M., YÜCEL S., TERZİOĞLU P., ELALMIŞ Y.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.34, no.2, pp.175-182, 2016 (ESCI)
- III. **Production, Characterization and Bioactivity of 46S6 Bioactive Glass from Rice Hull Ash Silica**  
YÜCEL S., AYDIN SİNİROĞLU ., KARAKUZU B., TEMEL T. M., ELALMIŞ Y., ÖZARSLAN A. C.  
ADVANCED MATERIALS RESEARCH, pp.857-861, 2015 (Peer-Reviewed Journal)
- IV. **SYNTHESIS, CHARACTERIZATION, IN VITRO DEGRADABILITY AND BIOACTIVITY OF STRONTIUM SUBSTITUTED RICE HULL ASH SILICA BASED MELT DERIVED 45S5 BIOACTIVE GLASS**  
YÜCEL S., TERZİOĞLU P., Sinirlioglu Z. A., TEKEREK B. S., ELALMIŞ Y.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, no.1, pp.23-32, 2015 (ESCI)
- V. **Production of  $\alpha$ -Amylase from Haloarcula hispanica 2TK2 Strain: Optimization of the Parameters That Effecting Activity**  
Erdağı A. N., Attar A., Elalmış Y., Yücel S., Birbir M.  
Advanced Science Letters, no.19, pp.3551-3555, 2013 (Peer-Reviewed Journal)
- VI. **Amorphous Silica from Rice Hull Ash as a Filler Material for Dental Composites**  
Elalmış Y., Yücel S., Aydın İ., Tekerek B. S.  
Advanced Science Letters, no.19, pp.3647-3651, 2013 (Peer-Reviewed Journal)
- VII. **Thermal Stabilization of Horseradish Peroxidase by Covalent Conjugation with Dextran**  
Altıkatoğlu Yapaöz M., Elalmış Y., Ariöz C., Kuzu H.  
Sigma Mühendislik ve Fen Bilimleri Dergisi-Sigma Journal of Engineering and Natural Sciences, vol.27, no.4, pp.216-225, 2009 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Biyomalzeme Karakterizasyonları-2**  
Elalmış Y., Tiryaki E., Yapıcı E., Karakuzu İkizler B., Acar T., Kantürk Figen A., Yücel S.  
in: Biyomalzemeler, Sevil Yücel, Pınar Terzioğlu, İmran Göker, Editor, Nobel Yayın Dağıtım, Ankara, pp.117-176, 2022
- II. **Biyomalzeme Karakterizasyonları-1**  
Elalmış Y., Özel C., Tiryaki E., Altan D., Yücel S.  
in: Biyomalzemeler, Sevil Yücel, Pınar Terzioğlu, İmran Göker, Editor, Nobel Yayın Dağıtım, Ankara, pp.69-116, 2022
- III. **Proteinler ve Protein-Yüzey Etkileşimleri**  
Altıkatoğlu Yapaöz M., Elalmış Y.

- in: *Biyomalzemeler*, Sevil Yücel, Pınar Terzioğlu, İmran Göker, Editor, Nobel Yayınevi, Ankara, pp.209-244, 2022
- IV. **Dextran-based micro- and nanobiomaterials for drug delivery and biomedical applications**  
Elalmış Y., Tiryaki E., Karakuzu İkizler B., Yücel S.  
in: *Micro- and Nanoengineered Gum-Based Biomaterials for Drug Delivery and Biomedical Applications*, Sougata Jana, Subrata Jana, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.303-332, 2022
- V. **Colorimetric and Fluorometric Sensor Arrays**  
Kantürk Figen A., Elalmış Y., Coşkuner Filiz B.  
in: *Toxic Gas Sensors and Biosensors*, Inamuddin, Tauseef Ahmad Rangreez, Mohd Imran Ahamed, Rajender Boddula, Editor, Materials Research Foundations, Pennsylvania, pp.220-244, 2021
- VI. **The Role of Matrix Metalloproteinases in Bone Tissue**  
Elalmış Y., Özel C., Keçeciler C., Altan D., Tiryaki E., Özarslan A. C., Tekerek B. S., Yücel S.  
in: *A Closer Look at Metalloproteinases*, Lena Goodwin, Editor, NOVA Science Publishers Inc., New-York, pp.153-249, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **PRELIMINARY STUDY ON THE DEVELOPMENT AND CHARACTERIZATION OF ANTIBACTERIAL AGENT LOADED DEXTRAN-BASED NANOFIBER MATERIALS AS WOUND DRESSING**  
Demir H., Elalmış Y., Coşkuner Filiz B., Kantürk Figen A.  
3. INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Nevşehir, Turkey, 11 - 12 December 2022, pp.1716-1717
- II. **Aktif Karbon Temelli Manyetik Kompozitlerin Üretimi ve Fenol Gideriminde Kullanımın İncelenmesi**  
Çilingiryan T., Kantürk Figen A., Elalmış Y.  
33. ULUSAL KİMYA KONGRESİ, Tekirdağ, Turkey, 7 - 09 October 2021, pp.201
- III. **Antibacterial activity of zinc incorporated silica aerogels against Escherichia coli**  
Elalmış Y.  
International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), Ankara, Turkey, 16 - 18 December 2020, pp.105
- IV. **Development of Bromelain Entrapped Dextran Hydrogels as Wound Dressing Materials**  
Demir H., Elalmış Y., Topuzoğulları M.  
II. Uluslararası Enzim ve Biyoproses Günleri – EBDays2020, Kocaeli, Turkey, 1 - 03 September 2020, pp.35
- V. **Dextran Aldehyde Modified Silica Aerogels: Colon Targeted Drug Delivery Systems**  
Yücel S., Tiryaki E., Karakuzu İkizler B., Elalmış Y.  
International Conference on Aerogels for Biomedical and Environmental Applications (AEROGELS2020), A-Coruna, Spain, 18 - 20 February 2020, pp.37-38
- VI. **Production and Evaluation of Zn-Doped Silica Aerogels for Biomedical Applications**  
Elalmış Y., Tiryaki E., Yücel S.  
International Conference on Aerogels for Biomedical and Environmental Applications (AEROGELS2020), A-Coruna, Spain, 18 - 20 February 2020, pp.189-190
- VII. **FABRICATION AND CHARACTERIZATION OF PVA-GELATIN NANOCOMPOSITE FIBERS**  
Altan D., Keçeciler C., Elalmış Y., Bülbül E., Yücel S.  
5. ULUSLARARASI MUHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 21 - 22 December 2019, pp.1216-1221
- VIII. **Gümüş Nanoparçacık İçeren Biyonanokompozit Yerinde Sentezi ve Karakterizasyonu**  
Özel C., Keçeciler C., Elalmış Y., Karakuzu İkizler B., Yücel S.  
23. Biyomedikal bilim ve Teknoloji Sempozyumu (BİOMED2018-TR), İstanbul, Turkey, 15 - 16 December 2018, pp.141
- IX. **The Use of L-Ascorbic Acid Containing Dextran Coated Silica Aerogel in Controlled Drug Targeting Systems**  
Özel C., Keçeciler C., Tiryaki E., Değermenci A., Elalmış Y., Karakuzu İkizler B., Yücel S.

International IVEK BIO Congress, İstanbul, Turkey, 26 - 28 November 2018, pp.119-122

- X. **Gümüş Nanoparçacık İçeren Hidrojel Kompozit Üriner Kateterler**  
Özel C., Keçeciler C., Karakuzu İkizler B., Elalmış Y., Yücel S.  
5. Ulusal Biyomalzeme Günleri, İstanbul, Turkey, 22 October 2018, pp.32
- XI. **PRODUCTION AND CHARACTERIZATION OF METAL DOPED SILICA AEROGELS**  
Elek M., Tiryaki E., Keçeciler C., Elalmış Y., Yücel S.  
KOMPEGE 2018-IV. International Composite Material Symposium 2018, İzmir, Turkey, 6 - 09 October 2018, pp.160
- XII. **Structural Characterization and In Vitro Bioactivity of Titanium-Doped 45S5 Bioglasses**  
Yücel S., Karakuzu İkizler B., Terzioğlu P., Başaran Elalmış Y.  
4th International Conference on New Trends in Chemistry (ICNTC 2018), Sankt-Peterburg, Russia, 11 May 2018, pp.1
- XIII. **Magnesium and Aluminum Incorporated Bioactive Glass Preparation from Rice Hull Silica**  
Karakuzu İkizler B., Terzioğlu P., ELALMIŞ Y., Tekerek B. S., YÜCEL S.  
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), Karabük, Turkey, 22 March 2018, pp.1
- XIV. **Production and in vitro Cell Study of Sr-Cu Dopped Bioactive Glass on Biosilica**  
Çevlik C. B., Özarslan A. C., Elalmış Y., Yücel S.  
International Materials Technologies and Metallurgy Conference 2017 (MTM 2017) in honor of Erdem Demirkesen, İstanbul, Turkey, 26 October 2017, pp.224-226
- XV. **Effect of Silane Treatment on Mechanical Properties and Bioactivity Behaviour Of Alumina Doped Bioactive Glass Containing Experimental Dental Composites**  
Elalmış Y., İkizler B. K., Yücel S., Aydın İ.  
International Materials Technologies and Metallurgy Conference 2017 (MTM 2017) in honor of Erdem Demirkesen, İstanbul, Turkey, 26 - 27 October 2017, pp.106-109
- XVI. **3-(aminopropyl) trietoxysilane modification of silica nanoparticles for 5-fluorouracil delivery**  
Tiryaki E., Elalmış Y., Yücel S.  
International Materials Technologies and Metallurgy Conference 2017 (MTM 2017) in honor of Erdem Demirkesen, İstanbul, Turkey, 26 October 2017
- XVII. **Production of Omega-3 Fatty Acids EPA and DHA from Microalgae**  
Özarslan A. C., Yücel S., Elalmış Y.  
2017 AOCS Annual Meeting and Industry Showcases, Florida, United States Of America, 30 April 2017, pp.44
- XVIII. **Development of Dextran-Coated Silica Aerogels as a Drug Release System for Colon Cancer Treatment**  
Tiryaki E., Elalmış Y., Yücel S.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 April 2017, pp.1061
- XIX. **Investigaton of L-Ascorbic Acid release from Hexamethyl Disilazane (HMDZ) modified and unmodified silica aerogels: Efect of hydrophobicity**  
Özel C., Tiryaki E., Elalmış Y., Yücel S.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 April 2017, pp.335
- XX. **Potansiyel İlaç Taşıma Sistemleri: Nano Yapılı Silika Aerojeller**  
Tiryaki E., ELALMIŞ Y., YÜCEL S.  
V. Ulusal Nanoteknoloji Kongresi, İstanbul, Turkey, 09 March 2017
- XXI. **Evaluation of silica aerogel with amine functionalization for drug delivery system**  
Tiryaki E., Elalmış Y., Yücel S.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October 2016, pp.2922
- XXII. **Production of bioactive glass scaffolds for bone tissue engineering**  
Karakuzu B., Özarslan A. C., Elalmış Y., Yücel S.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October 2016, pp.2875
- XXIII. **Synthesis and characterization of hydrophobic silica aerogel with different silica sources and**

## surface modification agents

Temel T. M., Karakuzu B., Elalmış Y., Terzioğlu P., Yücel S.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October 2016, pp.2903

XXIV. **Removal of Malachite Green from Aqueous Solutions by a Low Cost Adsorbent from Agricultural Waste Material**

Elalmış Y., Temel T. M., Karakuzu B., Yücel S.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October 2016, pp.2907

XXV. **Porous scaffold design from polymer-bioactive glass composite for bone**

Özarslan A. C., Karakuzu B., Elalmış Y., Yücel S.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October 2016, pp.2965

XXVI. **Effect of Oil Types and Fatty Acids as Carbon Source on Growth of Extremophilic Archaea for Lipase Production**

Yücel S., Attar A., Elalmış Y.

14th Euro Fed Lipid Congress Fats, Oils and Lipids, Ghent, Belgium, 18 September 2016, pp.263

XXVII. **Üriner Sistemlerde Kullanılacak Kateterlerde Antibakteriyel ve Biyouyumlu Polimerik Kaplama Geliştirilmesi**

Ismık D., Yücel S., Elalmış Y.

12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 August 2016

XXVIII. **Polietilen Glikol (PEG) ile Modifiye Edilmiş Glukoz Oksidazın Termal Stabilizasyonu**

Vardar G., Altıkatoğlu Yapaöz M., Elalmış Y., Tavukçuoğlu Ö., Işıldak İ.

10. Ulusal Afinitive Teknikleri Kongresi, Balıkesir, Turkey, 26 May 2016

XXIX. **Polietilen Glikol PEG ile Modifiye Edilmiş Glukoz Oksidazın Termal Stabilizasyonu**

vardar g., ALTIKATOĞLU YAPAÖZ M., ELALMIŞ Y., tavukçuoğlu ö., IŞILDAK İ.

10.Ulusal Afinitive Teknikleri Kongresi, Turkey, 26 - 28 May 2016

XXX. **Effect of Production Parameters on Nanoporous Biogenic Silica Aerogel**

Temel T. M., Yücel S., Karakuzu B., Elalmış Y., Terzioğlu P.

NanoWorld Conference-2016, Massachusetts, United States Of America, 04 April 2016, pp.56

XXXI. **Effect of Nanoporous Silica Aerogel Structure for Vitamin C Release**

Tiryaki E., Cernencu A., Elalmış Y., Karakuzu B., Yücel S.

NanoWorld Conference-2016, Massachusetts, United States Of America, 04 April 2016, pp.55

XXXII. **Mesoporous Silica Nanoparticles for Controlled Release of Vitamin C**

Tiryaki E., Titirinli M., ELALMIŞ Y., KARAKUZU B., YÜCEL S.

2. İVEK Uluslararası İlaç Ve Eczacılık Kongresi, İstanbul, Turkey, 27 November 2015, pp.139

XXXIII. **Lipase Enzyme Production from Halophilic Microorganisms**

Yıldırım G., Temel T. M., Elalmış Y., Yücel S., Attar A.

13th Euro Fed Lipid Congress, Florence, Italy, 27 - 30 September 2015, pp.63

XXXIV. **Application of Mesoporous Silica Nanoparticle at Drug Delivery System**

Titirinli M., Yücel S., Karakuzu B., Elalmış Y.

SB3C Summer Biomechanics, Bioengineering and Biotransport Conference, Utah, United States Of America, 17 June 2015, pp.1392

XXXV. **Production and Characterization of Silica Aerogels from Rice Hull Ash Silica**

Temel T. M., YÜCEL S., ELALMIŞ Y., Karakuzu B.

CHEMTECH '14 / Chemical Engineering and Technologies Conference, İstanbul, Turkey, 23 October 2014, pp.0-4

XXXVI. **Effects of Different Growth Medium on Microalgae Metabolite Production**

YÜCEL S., BOĞOÇLU M. E., TURHAN İ. M., ELALMIŞ Y.

12th Euro Fed Lipid Congress, Montpellier, France, 14 October 2014

XXXVII. **Preparation and In Vitro Bioactivity Of Magnesium and Strontium Doped Rice Hull Ash Silica Based Melt Derived Bioglasses**

Yücel S., Terzioğlu P., Konukoğlu Z. A., Elalmış Y., Tekerek B.  
SERES'14 III. International Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress, Eskişehir, Turkey, 15 October 2014

- XXXVIII. **Cereal Wastes as An Alternative Low Cost Adsorbents**  
Terzioğlu P., Elalmış Y., Yücel S., Karakuzu B., Metin M.  
EURASIA 2014 Waste Management Symposium, İstanbul, Turkey, 28 April 2014, pp.0-10
- XXXIX. **Biogenic Silica Materials with Different Surface Area from Rice Husk Ash as Inorganic Filler for Dental Composites**  
Elalmış Y., Yücel S., Aydın İ.  
International Porous and Powder Materials Symposium and Exhibition-2013, İzmir, Turkey, 3 - 06 September 2013, pp.206
- XL. **Characterization of water-soluble conjugates of enzymes with dextran**  
Altıkatoğlu Yapaöz M., Elalmış Y., Kuzu H.  
35th FEBS Congress, Gothenburg, Sweden, 26 June 2010, pp.248
- XLI. **Miyeloperoksidazın Kemoterapide Kullanılan Doksorubisine Etkisinin İncelenmesi**  
Elalmış Y., Kuzu H.  
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 06 October 2008, pp.53
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## **Metrics**

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## **Congress and Symposium Activities**

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