



ÖNDER TOPEL

PROF.

Email : ondertopel@akdeniz.edu.tr

Office Phone : [+90 242 310 2307](tel:+902423102307)

Fax Phone : [+90 242 227 8911](tel:+902422278911)

Address : Akdeniz Üniversitesi Fen Fakültesi Kimya Bölümü
07058 Antalya

International Researcher IDs

ScholarID: 1MyyJvYAAAAJ

ORCID: 0000-0003-1584-5519

Publons / Web Of Science ResearcherID: C-2273-2016

ScopusID: 24477745200

Yoksis Researcher ID: 19471



Education

Post Doctorate
2013 - 2013

Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences),
Department Of Chemistry, Inorganic And Physical Chemistry, Sweden

Doctorate
2002 - 2009

Akdeniz University, Institute of Science, Kimya/Fizikokimya, Turkey

Postgraduate
2000 - 2002

Akdeniz University, Institute of Science, Kimya/Fizikokimya, Turkey

Undergraduate
1995 - 1999

Akdeniz University, Faculty Of Science, Department of Chemistry, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Course, EXAFS for beginners, Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences), 2014

Vocational Course, SESAME-JSPS-Sabancı Synchrotron Radiation Workshop, Sabancı Üniversitesi, 2010

Vocational Training, Öğretmenlik Mesleki Eğitim Sertifikası, Akdeniz Üniversitesi, 1997

Dissertations

Doctorate, Galyum(III) ve İndiyum(III) Tiyosiyanat Komplekslerinin Termodinamik ve Solvasyon Özellikleri, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, 2009

Postgraduate, İndiyum(III)-Tiyosiyanat Komplekslerinin Ardıışık Oluşumu, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, 2002

Academic Titles / Tasks

Professor 2024 - Continues	Akdeniz University, Faculty of Science, Department of Chemistry
Associate Professor 2017 - 2024	Akdeniz University, Faculty of Science, Department of Chemistry
Assistant Professor 2014 - 2017	Akdeniz University, Faculty of Science, Department of Chemistry
Expert 2010 - 2013	Akdeniz University, Faculty of Science, Department of Chemistry
Research Assistant 2000 - 2009	Akdeniz University, Institute of Science, Kimya Anabilim Dalı

Supported Projects

- TOPEL Ö., Kurniawan M. A., Project Supported by Higher Education Institutions, Manyetik alan sıcaklık ve pH gibi çoklu uyarıcılara cevap veren polimerik malzemelerin sentezi ve özelliklerinin karakterizasyonu, 2024 - Continues
- Demir E., Turna Demir F., Akkoyunlu G., Topel Ö., TUBITAK Project, In vivo Deri Korozyon Testi İçin Farklı Nanopestisit Formülasyonlarının Ümit Verici Yeni Bir Alternatif Model Organizma Olarak Drosophila Melanogaster'de Araştırılması, 2022 - 2023
- Demir E., Topel Ö., Akkoyunlu G., TUBITAK Project, Farklı Nanopestisit Formülasyon Tiplerinin Drosophila Melanogaster (Meyve Sineği)'de Sistematik Olarak In vivo İncelenmesi: Hüresel Alım ve Biyolojik Etkiler, 2019 - 2021
- TOPEL Ö., Gök V., Project Supported by Higher Education Institutions, Fosfoproteom analizleri için manyetik özellikte yeni bir afinite kromatografi malzemesi, 2019 - 2020
- Topel Ö., Aksu S., TUBITAK Project, Fosfopeptitlerin zenginleştirilmesi için lantanit(III) iyonları içeren yeni manyetik afinite malzemesinin geliştirilmesi, 2018 - 2020
- TOPEL Ö., Demirci G., Project Supported by Higher Education Institutions, Elektromanyetik Radyasyonu Absorplayan Boyalar İçin Manyetik Nanometal Oksitlerin Sentezi, 2018 - 2019
- TOPEL Ö., ASİLTÜRK M., DEMİREL TOPEL S., Project Supported by Higher Education Institutions, Selüloz Bazlı ve Floresans Özellikli Nanokapsüllerin Sentezi ve Karakterizasyonu, 2016 - 2018
- TOPEL Ö., Project Supported by Higher Education Institutions, Synthesis and characterization of Bodipy functionalized magnetic iron oxide nanoparticles for potential bioimaging applications, 2016 - 2018
- Topel Ö., Project Supported by Higher Education Institutions, Thermodynamic Investigation of Protonation and Complexation Reactions on Nanometal Oxide Surfaces, 2012 - 2014
- Persson I., Other International Funding Programs, Chemistry in the interface aqueous solution-air, 2013 - 2013
- Persson I., Universities of Other Countries Supported Project, Structure bonding and thermodynamics of ions and

complexes in solvents with special properties at coordination Prof Ingmar Persson Department of Chemistry SLU
Uppsala İsveç, 2006 - 2007

12. Other International Funding Programs, Structure, Bonding and Thermodynamics of Metal Ions, Anions and Complexes in Solvents with Special Properties at Coordination, 2006 - 2007

Scholarships

Post Doc.Bursu (5 ay), University, 2013 - Continues

Araştırma Bursu (3 ay), University, 2009 - Continues

TÜBİTAK-BİDEB-2214 Yurt Dışı Araştırma Bursu (9 ay), University, 2006 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Computational Assessment of Atom Transfer Radical Polymerization in Thermosensitive Poly(Ethylene-Glycol)-block-Poly((2-(Dimethylamino)Ethyl-Methacrylate) Copolymer**
Kurniawan M. A., Salmahaminati S., Kansız S., TOPEL Ö.
ChemistrySelect, vol.10, no.1, 2025 (SCI-Expanded)
2. **Assessment of Electromagnetic Shielding Efficacy of Magnetic Metal Oxide Nanoparticles and their Application in Electromagnetic Shielding Paints**
Demirci G., Okuyucu S., Hoda N., Topel Ö.
CHEMISTRYSELECT, vol.9, no.7, pp.1-12, 2024 (SCI-Expanded)
3. **Synthesis and characterization of surface-modified magnetic mesoporous silicate materials for phosphate adsorption**
Gençer A., Uysal Karataş B., Topel Ö., Kiraz N.
Turkish Journal of Chemistry, vol.48, no.1, pp.50-64, 2024 (SCI-Expanded)
4. **Green Synthesis and the formation kinetics of silver nanoparticles in aqueous Inula Viscosa extract**
Zeybekoğlu E., Tongur T., Aytaş T. T., Yılmaz M., Topel Ö., Şahin R.
OPTİK, vol.294, pp.171487, 2023 (SCI-Expanded)
5. **Sodium Alginate-Based Composite Films for Effective Removal of Congo Red and Coralene Dark Red 2B Dyes: Kinetic, Isotherm and Thermodynamic Analysis**
Mokeddem A., Benykhlef S., Bendaoudi A. A., Boudouaia N., Mahmoudi H., Bengharez Z., Topel S. D., Topel Ö.
WATER (SWITZERLAND), vol.15, no.9, pp.1-19, 2023 (SCI-Expanded)
6. **Hazard Assessment of the Effects of Acute and Chronic Exposure to Permethrin, Copper Hydroxide, Acephate, and Validamycin Nanopesticides on the Physiology of Drosophila: Novel Insights into the Cellular Internalization and Biological Effects**
Demir E., Kansız S., Doğan M., Topel Ö., Akkoyunlu G., Kandur M. Y., Turna Demir F.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, no.16, pp.1-46, 2022 (SCI-Expanded)
7. **Development of new lanthanide(iii) ion-based magnetic affinity materials for phosphopeptide enrichment**
Gök V., Topel Ö., Aksu S.
NEW JOURNAL OF CHEMISTRY, vol.46, pp.14466-14478, 2022 (SCI-Expanded)
8. **Cellulose acetate encapsulated upconversion nanoparticles - A novel theranostic platform**
Topel S. D., Balcioglu S., Ateş B., Asiltürk M., Topel Ö., Ericson M. B.
MATERIALS TODAY COMMUNICATIONS, vol.26, 2021 (SCI-Expanded)
9. **Solution chemistry in the surface region of aqueous solutions**
Persson I., Werner J., Bjorneholm O., Blanco Y. S., Topel Ö., Bajnoczi E. G.
PURE AND APPLIED CHEMISTRY, vol.92, no.10, pp.1553-1561, 2020 (SCI-Expanded)
10. **Chemical equilibria of aqueous ammonium-carboxylate systems in aqueous bulk, close to and at the water-air interface**

- Blanco Y. S., Topel Ö., Bajnoczi E. G., Werner J., Bjorneholm O., Persson I.
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol.21, no.23, pp.12434-12445, 2019 (SCI-Expanded)
11. **Synthesis of TiO₂ nanoparticles by self-assembling reverse micelle cores of PS-b-PAA for functional textile applications**
AKPOLAT L. B., Cakir B. A., TOPEL Ö., HODA N.
MATERIALS RESEARCH BULLETIN, vol.64, pp.117-122, 2015 (SCI-Expanded)
 12. **Synthesis and characterization of Bodipy functionalized magnetic iron oxide nanoparticles for potential bioimaging applications**
Topel S. D., Topel Ö., Bostancioglu R. B., Koparal A. T.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.128, pp.245-253, 2015 (SCI-Expanded)
 13. **Comparison effects and electron spin resonance studies of alpha-Fe₂O₄ spinel type ferrite nanoparticles**
Bayrakdar H., YALCIN O., CENGİZ U., OZUM S., Anigi E., TOPEL Ö.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.132, pp.160-164, 2014 (SCI-Expanded)
 14. **Supramolecular chemosensor for selective detection of iron in aqueous medium**
Nadeem S., Shah M. R., Khan B., HODA N., TOPEL Ö.
SUPRAMOLECULAR CHEMISTRY, vol.25, no.12, pp.798-805, 2013 (SCI-Expanded)
 15. **Fabrication of platinum nanoparticles in aqueous solution and solid phase using amphiphilic PB-b-PEO copolymer nanoreactors**
HODA N., Budama L., Cakir B. A., Topel Ö., Ozisik R.
MATERIALS RESEARCH BULLETIN, vol.48, no.9, pp.3183-3188, 2013 (SCI-Expanded)
 16. **A new strategy for producing antibacterial textile surfaces using silver nanoparticles**
Budama L., Cakir B. A., TOPEL Ö., HODA N.
CHEMICAL ENGINEERING JOURNAL, vol.228, pp.489-495, 2013 (SCI-Expanded)
 17. **Determination of critical micelle concentration of polybutadiene-block-poly(ethyleneoxide) diblock copolymer by fluorescence spectroscopy and dynamic light scattering**
TOPEL Ö., Cakir B. A., Budama L., HODA N.
JOURNAL OF MOLECULAR LIQUIDS, vol.177, pp.40-43, 2013 (SCI-Expanded)
 18. **Synthesis of ZnO nanoparticles using PS-b-PAA reverse micelle cores for UV protective, self-cleaning and antibacterial textile applications**
Cakir B. A., Budama L., TOPEL Ö., HODA N.
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, vol.414, pp.132-139, 2012 (SCI-Expanded)
 19. **Reactions and structures in the gallium(III)/indium(III)-N,N-dimethylthioformamide systems**
Topel O., Persson I., Lundberg D., Ullstrom A.
INORGANICA CHIMICA ACTA, vol.365, no.1, pp.220-224, 2011 (SCI-Expanded)
 20. **On the structure of the N,N'-dimethylpropyleneurea and dimethylsulfoxide solvated gallium(III) and indium(III) ions and bromide complexes in solution and solid state, and the complex formation of the gallium(III) and indium(III) bromide systems in N,N'-dimethylpropyleneurea**
Topel O., Persson I., Lundberg D., Ullstrom A.
INORGANICA CHIMICA ACTA, vol.363, no.5, pp.988-994, 2010 (SCI-Expanded)
 21. **Chemical characterization of the gallium(III) and indium(III) thiocyanate systems in aqueous and dimethylsulfoxide solution**
Topel O., Persson I., Avşar E.
JOURNAL OF MOLECULAR LIQUIDS, vol.143, no.2-3, pp.89-94, 2008 (SCI-Expanded)

Articles Published in Other Journals

1. **Fabrication and characterization of TiO₂ nanoparticles conjugated luminescence upconversion**

nanoparticles

Topel S. D., Topel Ö., Cin G. T.

BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.8, no.3, pp.3197-3202, 2018 (Peer-Reviewed Journal)

2. Complex formation of In(III) with the thiocyanate ion

TOPEL Ö., Avşar E.

INTERNATIONAL JOURNAL OF CHEMISTRY, vol.15, no.3, pp.193-198, 2005 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

1. Assessment of Hyperthermia Properties of Magnetic and Thermoresponsive Polymeric Nanomaterials

Kurniawan M. A., Topel Ö.

NanoTR-18, İstanbul, Turkey, 26 - 28 August 2024, pp.315

2. Structural assesment of phosphopeptide enrichment potential of the newly developed lanthanide(III) ions based magnetic affinity materials

Topel Ö., Gök V., Aksu S., Persson I.

NanoTR-17, İzmir, Turkey, 27 - 29 August 2023, pp.38

3. Preparation and Characterization of Thermo-Responsive Polymeric Micelles

Kansız S., Topel Ö.

11th International Drug Chemistry Conference, Antalya, Turkey, 9 - 12 March 2023, pp.200

4. Fabrication and characterization of silver nanoparticles at room temperature using inula viscosa plant extract by green synthesis method

Zeybekoğlu Okka E., Tongur T., Aytas T. T., Yılmaz M., Topel Ö., Şahin R.

TURKISH PHYSICAL SOCIETY 38th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2022, pp.150

5. A Comprehensive in Vivo Study Using Drosophila melanogaster: New Insights into Mechanisms and Biological Effects of Permethrin N anopesticides

DEMİR E., KANSIZ S., DOĞAN M., TOPEL Ö., AKKOYUNLU G., KANDUR M. Y.

NANOTECH I BIOTECH FRANCE 2021 AND JOINT VIRTUAL CONFERENCES, France, 23 June 2021, pp.154

6. A SYSTEMATIC IN VIVO STUDY OF COPPER HYDROXIDE NANOPESTICIDES USING DROSOPHILA MELANOGASTER: CELLULAR UPTAKE AND BIOLOGICAL IMPACTS

DEMİR E., TOPEL Ö., KANSIZ S., AKKOYUNLU G., DOĞAN M., KANDUR M. Y.

11th Congress of Toxicology in Developing Countries, Kuala-Lumpur, Malaysia, 13 June 2021, pp.92

7. A New Type Magnetic Affinity Chromatography Material for Phosphoprotein Enrichment

TOPEL Ö., GÖK V., AKSU S.

NanoTR-15, Antalya, Turkey, 3 - 06 November 2019, pp.251

8. The Effect of Different Method and Synthesis Parameters on Size, Morphology and Shell Thickness of Silica Coated Magnetite (Fe₃O₄@SiO₂) Core-Shell Nanoparticles

GÖK V., TOPEL Ö.

NanoTR-15, Antalya, Turkey, 3 - 06 November 2019, pp.247

9. Synthesis of Magnetic Nanometal Oxides for Electromagnetic Radiation Absorbing Paints

Demirci G., Okuyucu S., Hoda N., Topel Ö.

NanoTR-15, Antalya, Turkey, 3 - 06 November 2019, pp.248

10. Synthesis and Characterization of Neodymium Sensitized Upconversion Nanoparticles for Bioimaging Applications

TOPEL Ö., Demirel Topel S., ASİLTÜRK M.

13th Nanoscience Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.346

11. Magnetic-Upconversion Fe₃O₄-NaGdF₄,Yb₃,Er₃ Luminescence Nanocomposites: Synthesis, Magnetization, Optical Properties And Cytotoxicity

Demirel Topel S., DOĞAN BİNGÖLBALİ N., ATEŞ B., TOPEL Ö., ASİLTÜRK M.

- 13th Nanoscience Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.167
12. **Development of Multifunctional Cellulose Acetate Micro/Nanocapsules as pH-Responsive Drug Carriers**
DEMİREL TOPEL S., ASİLTÜRK M., TOPEL Ö.
13th Nanoscience Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.37
13. **Sinkrotron temelli bir teknik: X-ışını absorpsiyon spektroskopisi (XAFS)**
TOPEL Ö., PERSSON I.
XV. Ulusal Spektroskopi Kongresi, Yalova, Turkey, 17 - 19 May 2017, pp.44
14. **Fabrication and characterization of TiO₂ nanoparticles conjugated to Ce³⁺ co-doped NaYF₄: Yb³⁺, Er⁺ luminescence upconversion nanoparticles**
Demirel TOPEL S., TOPEL Ö., TURGUT CİN G.
7th International Advances in Applied Physics and Materials Science Congress, Muğla, Turkey, 22 - 26 April 2017, pp.422
15. **X ray absorption fine structure spectroscopy for characterization of local structures around metal ions in solution and complexes**
TOPEL Ö.
the 6th Internationally Participated Congress on Particle Accelerators and Applications, Muğla, Turkey, 29 - 30 August 2016
16. **Biyolojik uygulamalar için manyetik nanopartiküllerin sentezi ve karakterizasyonu**
ARSLAN E., TOPEL Ö.
7.Ulusal Kimya Öğrenci Kongresi, Ankara, Turkey, 19 - 21 May 2016
17. **Thermodynamic Characterization of Binding Sites in Nanometer sized Metal Oxide Surfaces in Aqueous Suspension**
TOPEL Ö.
34th International Conference on Solution Chemistry, 30 August - 03 September 2015
18. **Ters miseller içerisine Ag-TiO₂ nanopartikülleri sentezi ve fonksiyonel tekstil uygulamaları**
HODA N., BUDAMA AKPOLAT L., TOPEL Ö., ACAR ÇAKIR B.
27. Ulusal Kimya Kongresi, Çanakkale, Çanakkale, Turkey, 25 - 28 August 2015, pp.611
19. **Thermodynamics of interaction between L serine and TiO₂ nanoparticles**
TOPEL Ö.
XVIII ISBC Conference International Society for Biological, Lund, Sweden, 1 - 04 June 2014, pp.80
20. **Synthesis of single and bimetallic nanoparticles within PS b PAA reverse micelle cores**
TOPEL Ö., ACAR ÇAKIR B., BUDAMA L., HODA N.
European Cost Action MP0903 Nanoalloys, Genoa, Italy, 5 - 09 April 2014, pp.42
21. **Synthesis of TiO₂ nanoparticles in self assembling reverse micelle cores of PS b PAA for UV Protective and Self cleaning Textile Applications**
TOPEL Ö., ACAR ÇAKIR B., BUDAMA L., HODA N.
European Cost Action MP0903 Nanoalloys, Genoa, Italy, 5 - 09 April 2014, pp.91
22. **BODIPY conjugated magnetic nanoparticles**
Demirel Topel S., TOPEL Ö., AKKAYA E. U.
EMRS-Fall 2012 meeting, Warszawa, Poland, 17 - 21 September 2012, pp.29
23. **Antibacterial HEPA filter using PAN silver nanoparticle hybrid nanofibers WFC11 11th World Filtration Congress Graz Austria April 16 20 2012**
HODA N., KARAAĞAÇLI M., TOPEL Ö.
WFC11-11th World Filtration Congress, Graz, Austria, 16 - 20 April 2012
24. **Synthesis of Ag ZnO nanoparticles within reverse micelles**
HODA N., BUDAMA L., ACAR B., TOPEL Ö.
European Cost Action MP0903 Nanoalloys as advanced materials: from structure to properties and applications. Action Conference and MC meeting, Limerick, Ireland, 12 - 14 October 2011, pp.33
25. **Diblok kopolimer içerisinde Ag nanopartiküllerinin üretimi**
HODA N., ACAR B., BUDAMA L., TOPEL Ö.

2. Uluslararası katılımlı polimerik kompozitler sempozyum-sergi ve proje pazarı, İzmir, Turkey, 26 - 28 November 2010, pp.246-254
26. **Synthesis of platinum nanoparticles within diblock copolymer in liquid and solid phases**
HODA N., ACAR B., BUDAMA L., TOPEL Ö.
11th Eurasia Conference on Chemical Sciences., Jordan, 6 - 10 October 2010, pp.114
27. **Determination of Critical Micelle Concentration cmc of PB b PEO Diblock Copolymer by Two Different Methods**
TOPEL Ö., ACAR B., BUDAMA L., HODA N.
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.673
28. **Investigation of Reverse Micellar System of Polystyrene block polyacrylic acid in toluene**
ACAR B., BUDAMA L., TOPEL Ö., HODA N.
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.676
29. **Synthesis of Silver Nanoparticles Using Reverse Micelle System**
Budama L., Acar B., Topel Ö., Hoda N.
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.333
30. **Fabrication of Platinum Nanoparticles Using Amphiphilic Copolymer Template**
HODA N., ACAR B., BUDAMA L., TOPEL Ö.
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.654
31. **Nanoteknoloji ile Antibakteriyel Kumaş Üretimi**
TOPEL Ö., HODA N.
Tekstil ve Konfeksiyon Sektöründe II. Ar-Ge Proje Pazarı Platformu, Bursa, Turkey, 18 February 2010, pp.113-114
32. **Galyum III ve indiyum III katyonlarının N N dimetil propilenüre DMPU ve N N dimetil tiyoformamit DMTF içerisindeki solvasyon yapılarının EXAFS spektroskopik ve kristallografik olarak belirlenmesi**
TOPEL Ö., PERSSON I., Avşar E.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008, pp.139
33. **Sulu çözeltide ve dimetilsulfoksit içindeki galyum III ve indiyum III tiyosiyanat kompleks oluşum sistemleri üzerine potansiyometrik kalorimetrik ve EXAFS spektroskopik bir çalışma**
TOPEL Ö., PERSSON I., Avşar E.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008, pp.140
34. **On complex formation in gallium III and indium III bromide systems in N N dimethylpropyleneurea and dimethyl sulfoxide A complex formation EXAFS spectroscopic and crystallographic study**
TOPEL Ö., PERSSON I., Avşar E.
Chemical Physics 08, İstanbul, Turkey, 24 - 25 April 2008, pp.73
35. **İndiyum III tiyosiyanat komplekslerinin ardışık oluşumu**
TOPEL Ö., Avşar E.
XVII. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.497

Academic and Administrative Experience

2019 - Continues	Faculty Management Board Member	Akdeniz University, Faculty Of Science, Department Of Chemistry
2014 - Continues	Deputy Head of Department	Akdeniz University, Faculty Of Science, Department Of Chemistry
2013 - 2013	Doktora Sonrası Araştırmacı	Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences), Department Of Chemistry
2009 - 2009	Misafir Araştırmacı	Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences), Department Of Chemistry

Courses

Doctorate

Danışmanlık, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Danışmanlık, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Uzmanlık Alan Dersi, Doctorate, 2021 - 2022

İleri Kimyasal Termodinamik, Doctorate, 2022 - 2023, 2019 - 2020, 2017 - 2018, 2015 - 2016, 2014 - 2015

X-Işını Karakterizasyon Yöntemleri, Doctorate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2015 - 2016

Uzmanlık Alan Dersi, Doctorate, 2021 - 2022

Postgraduate

Bilimsel Araştırma Teknikleri ve Etik, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YL Danışmanlık, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YL Danışmanlık, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Undergraduate

Genel Kimya II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Bitirme Çalışması II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Genel Kimya Lab. II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Bitirme Çalışması I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Genel Kimya I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Genel Kimya Lab. I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Fiziksel Kimya I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Genel Kimya II, Undergraduate, 2014 - 2015

Genel Kimya I, Undergraduate, 2014 - 2015

Supervised Theses

Topel Ö., Sıcaklık ve pH duyarlı polimerzomların hazırlanması, Postgraduate, S.KANSIZ(Student), 2021

Topel Ö., Fosfoproteom analizleri için manyetik özellikte yeni bir afinite kromatografi malzemesi, Postgraduate, V.GÖK(Student), 2020

Topel Ö., Hoda N., Elektromanyetik Radyasyonu Absorplayan Boyalar İçin Manyetik Nanometal Oksitlerin Sentezi, Postgraduate, G.DEMİRCİ(Student), 2019

Peer Reviews in Scientific Publications

CHEMICAL ENGINEERING JOURNAL, SCI Journal, January 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, June 2023

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, January 2023
International Journal of Nanomedicine, SCI Journal, August 2017
ACS Applied Materials and Interfaces, SCI Journal, May 2017
Journal of the Chemical Society of Pakistan, Other Indexed Journal, March 2017
International Journal of Nanomedicine, SCI Journal, December 2016
International Journal of Nanomedicine, SCI Journal, July 2016
International Journal of Nanomedicine, SCI Journal, April 2016
Carbohydrate Polymer, SCI Journal, April 2016
Brazilian Journal of Chemical Engineering, SCI Journal, December 2015
Scientific Reports, SCI Journal, May 2014

Scientific Project Refereeing

Project Supported by Higher Education Institutions, BAP PhD, November 2022
Project Supported by Higher Education Institutions, BAP PhD, August 2021
Project Supported by Higher Education Institutions, BAP MSc, March 2021
Project Supported by Higher Education Institutions, BAP PhD, March 2021
Project Supported by Higher Education Institutions, BAP MSc, October 2020
Project Supported by Higher Education Institutions, BAP PhD, March 2020
Project Supported by Higher Education Institutions, BAP MSc, May 2019
Project Supported by Higher Education Institutions, BAP MSc, November 2018
Project Supported by Higher Education Institutions, BAP PhD, June 2017
Project Supported by Higher Education Institutions, BAP Research Project, February 2017
Project Supported by Higher Education Institutions, BAP Research Project, October 2016

Mobility Activity

Post Doc, Post Doc, Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences), Sweden, 2013 - 2013
Research Scholarship Program, Guest Researcher, Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences), Sweden, 2009 - 2009
Research Scholarship Program, Research During Graduate Education, Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences), Sweden, 2006 - 2007

Metrics

Publication: 58
Citation (WoS): 523
Citation (Scopus): 580
H-Index (WoS): 9
H-Index (Scopus): 9

Congress and Symposium Activities

NanoTR-17, Attendee, İzmir, Turkey, 2023
11th International Drug Chemistry Conference, Attendee, Antalya, Turkey, 2023
NanoTR-15, Attendee, Antalya, Turkey, 2019
13th Nanoscience & Nanotechnology Conference, Attendee, Antalya, Turkey, 2017

XV. Ulusal Spektroskopi Kongresi, Attendee, Yalova, Turkey, 2017
7th International Advances in Applied Physics and Materials Science Congress, Attendee, Muğla, Turkey, 2017
VI. Uluslararası Katılımlı Parçacık Hızlandırıcıları ve Uygulamaları Kongresi, Attendee, Muğla, Turkey, 2016
7.Ulusal Kimya Öğrenci Kongresi, Attendee, Ankara, Turkey, 2016
34th International Conference on Solution Chemistry, Attendee, Praha, Czech Republic, 2015
XVIII ISBC Conference International Society for Biological Calorimetry, Attendee, Lund, Sweden, 2014
European Cost Action MP0903 Nanoalloys, Attendee, Genova, Italy, 2014
EMRS-Fall 2012 meeting. BODIPY-conjugated magnetic nanoparticles., Attendee, Warszawa, Poland, 2012
WFC11-11th World Filtration Congress, Attendee, Graz, Austria, 2012
European Cost Action MP0903 Nanoalloys, Attendee, Limerick, Ireland, 2011
2. Uluslararası katılımlı polimerik kompozitler sempozyum-sergi ve proje pazarı, Attendee, İzmir, Turkey, 2010
11th Eurasia Conference on Chemical Sciences, Attendee, Ammân, Jordan, 2010
6th Nanoscience and Nanotechnology Conference, Attendee, İzmir, Turkey, 2010
Tekstil ve Konfeksiyon Sektöründe II. Ar-Ge Proje Pazarı Platformu, Attendee, Bursa, Turkey, 2010
XXII. Ulusal Kimya Kongresi, Attendee, Gazimagusa, Cyprus (Kkct), 2008
Chemical Physics 08, Attendee, İstanbul, Turkey, 2008
XVII. Ulusal Kimya Kongresi, Attendee, Konya, Turkey, 2002

Research Areas

Chemistry, Physical Chemistry, nanocomposites, Medical Applications of Polymers, Thermodynamics, Inorganic Chemistry, Coordination Chemistry, Natural Sciences

Non Academic Experience

University, SLU(Sveriges lantbruksuniversitet), Uppsala, Chemistry, Doktora Sonrası Araştırmacı
Türk Silahlı Kuvvetler, Asteğmen Öğretmen
University, SLU(Sveriges lantbruksuniversitet) , Uppsala, Chemistry, Misafir Araştırmacı
University, SLU(Sveriges lantbruksuniversitet), Uppsala, Chemistry, Misafir Araştırmacı