

Assoc. Prof. ÖNDER TOPEL

Personal Information

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International Researcher IDs

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

ScopusID: 24477745200

Yoksis Researcher ID: 19471

Education Information

Post Doctorate, Sveriges Lantbruksuniversitet (The Swedish University of Agricultural Sciences), Department Of Chemistry, Inorganic And Physical Chemistry, Sweden 2013 - 2013

Doctorate, Akdeniz University, Institute of Science, Kimya/Fizikokimya, Turkey 2002 - 2009

Postgraduate, Akdeniz University, Institute of Science, Kimya/Fizikokimya, Turkey 2000 - 2002

Undergraduate, Akdeniz University, Faculty Of Science, Department of Chemistry, Turkey 1995 - 1999

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, EXAFS for beginners, MAX IV Sinkrotron Radyasyon Laboratuvarı Lund/İSVEÇ, 2014

Education Management and Planning, SESAME-JSPS-Sabancı Synchrotron Radiation Workshop, SESAME-JSPS-Sabancı, 2010

Education Management and Planning, Öğretmenlik Mesleki Eğitim Sertifikası, Akdeniz Üniversitesi, 1999

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 Ardışık Oluşumu, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, 2002

Research Areas

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

Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Science, Department of Chemistry, 2017 - Continues

Assistant Professor, Akdeniz University, Faculty of Science, Department of Chemistry, 2014 - 2017

Expert, Akdeniz University, Faculty of Science, Department of Chemistry, 2010 - 2013

Research Assistant, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, 2000 - 2009

Academic and Administrative Experience

Courses

Uzmanlık Alan Dersi, Doctorate, 2021 - 2022

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

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

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

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

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

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

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

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

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

Danışmanlık, Doctorate, 2021 - 2022, 2020 - 2021

Danışmanlık, Doctorate, 2020 - 2021

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

Uzmanlık Alan Dersi, Doctorate, 2021 - 2022

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

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

İleri Kimyasal Termodinamik, Doctorate, 2017 - 2018, 2015 - 2016, 2014 - 2015

Genel Kimya II, Undergraduate, 2014 - 2015

Genel Kimya I, Undergraduate, 2014 - 2015

Advising 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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **Green Synthesis and the formation kinetics of silver nanoparticles in aqueous Inula Viscosa extract**
Zeybekoğlu E., Tongur T., Aytas T. T., Yılmaz M., Topel Ö., Şahin R.
OPTİK, vol.294, pp.171487, 2023 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)

- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.414, pp.132-139, 2012 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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

- I. **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)
- II. **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)

Refereed Congress / Symposium Publications in Proceedings

- I. **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

- II. **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
- III. **Fabrication and characterization of silver nanoparticles at room temperature using inula viscosa plant extract by green synthesis method**
Zeybekoğlu Okka E., Tongur T., Aytaş T. T., Yılmaz M., Topel Ö., Şahin R.
TURKISH PHYSICAL SOCIETY 38th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 31 August - 04 September 2022, pp.150
- IV. **A Comprehensive in Vivo Study Using Drosophila melanogaster: New Insights into Mechanisms and Biological Effects of Permethrin Nanopesticides**
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
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **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
- XI. **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
- XII. **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
- XIII. **Fabrication and characterization of TiO₂ nanoparticles conjugated to Ce³⁺ co-doped NaYF₄: Yb³⁺, Er³⁺ 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
- XIV. **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

- XV. **Biyolojik uygulamalar için manyetik nanopartiküllerin sentezi ve karakterizasyonu**
ARSLAN E., TOPEL Ö.
7.Ulusal Kimya Öğrenci Kongresi, Ankara, Turkey, 19 - 21 May 2016
- XVI. **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
- XVII. **Ters miseller içerisinde 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
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **BODIPY conjugated magnetic nanoparticles**
Demirel Topel S., TOPEL Ö., AKKAYA E. U.
EMRS-Fall 2012 meeting, Warszawa, Poland, 17 - 21 September 2012, pp.29
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **INVESTIGATION OF REVERSE MICELLAR SYSTEM OF POLYSTYRENE-BLOCK-POLYACRYLIC ACID IN TOLUENE**
Acar B., BUDAMA AKPOLAT L., TOPEL Ö., HODA N.
6. Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 June 2010
- XXVII. **Determination of Critical Micelle Concentration (cmc) of PB-b-PEO Diblock Copolymer by Two Different Methods**
TOPEL Ö., Acar B., BUDAMA AKPOLAT L., HODA N.
6. Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 June 2010
- XXVIII. **Synthesis of Silver Nanoparticles Using Reverse Micelle System**
BUDAMA AKPOLAT L., Acar B., TOPEL Ö., HODA N.
6. Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 June 2010

- XXIX. **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
- XXX. **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
- XXXI. **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
- XXXII. **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
- XXXIII. **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
- XXXIV. **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
- XXXV. **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
- XXXVI. **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
- XXXVII. **İndiyum III tiyosiyanat komplekslerinin ardışık oluşumu**
TOPEL Ö., Avşar E.
XVII. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.497

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 Sistematiik Olarak In vivo İncelenmesi: Hücresel 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., ASILTÜRK 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

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

Scientific Refereeing

International Journal of Nanomedicine, SCI Journal, August 2017

Project Supported by Higher Education Institutions, June 2017

ACS Applied Materials and Interfaces, SCI Journal, May 2017

Journal of the Chemical Society of Pakistan, Other Indexed Journal, March 2017

Project Supported by Higher Education Institutions, January 2017

International Journal of Nanomedicine, SCI Journal, December 2016

Project Supported by Higher Education Institutions, October 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

Metrics

Publication: 59

Citation (WoS): 488

Citation (Scopus): 529

H-Index (WoS): 8

H-Index (Scopus): 8

Congress and Symposium Activities

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 Confrence 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 (Kktc), 2008
Chemical Physics 08, Attendee, İstanbul, Turkey, 2008
XVII. Ulusal Kimya Kongresi, Attendee, Konya, Turkey, 2002

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