

Prof. Yıldırar Topcu

Personal Information

Office Phone: [+90 362 312 1919](tel:+903623121919) Extension: 1340

Email: ytopcu@omu.edu.tr

Other Email: ytopcu@gmail.com

Web: <https://avesis.omu.edu.tr/ytopcu>

Address: Ondokuz Mayıs Üniversitesi Mühendislik Fakültesi Kimya Mühendisliği Bölümü 55139 Kurupelit-Atakum/SAMSUN

International Researcher IDs

ScholarID: rcP-W14AAAAJ

ORCID: 0000-0002-2095-6603

Publons / Web Of Science ResearcherID: ABB-7590-2020

ScopusID: 6603007969

Yoksis Researcher ID: 11915

Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1998 - 2002

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1991 - 1995

Dissertations

Doctorate, Mono-, di-, ve trietanolamin içeren karışık ligantlı metal sakkarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2002

Postgraduate, Bazı geçiş metal-DMF, DMSO komplekslerinin sentezi, spektroskopik ve termik özellikleri, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1998

Research Areas

Chemical Engineering and Technology, Chemistry

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2019 - Continues

Associate Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2012 - 2019

Assistant Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2011 - 2012

Assistant Professor, Nevşehir Hacı Bektaş Veli University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2008 - 2010

Research Assistant, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Kimya Anabilim Dalı, 1996 - 2005

Academic and Administrative Experience

Ondokuz Mayıs University, 2021 - Continues

Ondokuz Mayıs University, 2019 - Continues

Ondokuz Mayıs University, 2019 - 2020

Ondokuz Mayıs University, 2014 - 2019

Courses

BİLİMSEL ARAŞTIRMA YÖNTEMLERİ VE ETİK, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

KİMYASAL TEKNOLOJİLER, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

ISISAL ANALİZ YÖNTEMLERİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

ANORGANİK KİMYA, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

ENSTRUMENTAL ANALİZ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

ADLI KİMYA, Postgraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016

BİTİRME PROJESİ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

GİRİŞİMCİLİK VE YENİLİKÇİLİK, Undergraduate, 2018 - 2019

GENEL KİMYA LABORATUVARI, Undergraduate, 2018 - 2019

KİMYA I, Undergraduate, 2018 - 2019

MALZEME BİLİMİ VE MÜHENDİSLİĞİ, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

ORGANİK TEKNOLOJİLER, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

KİMYA II, Undergraduate, 2017 - 2018

GİRİŞİMCİLİK VE İNOVASYON, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

BİLİMSEL ARAŞTIRMA YÖNTEMLERİ, Undergraduate, 2016 - 2017, 2015 - 2016

Araştırma Yöntemleri, Postgraduate, 2016 - 2017, 2015 - 2016

Genel Kimya, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Genel Kimya, Undergraduate, 2010 - 2011

Advising Theses

Topcu Y., Ladik gölünden elde edilen torf'un ve kömür karışımlarının piroliz ve yanma davranışlarının kinetik açıdan incelenmesi, Postgraduate, E.BAKKALOĞLU(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel hemp biomass-derived activated carbon as cathode material for aqueous zinc-ion hybrid supercapacitors: Synthesis, characterization, and electrochemical performance**
Tekin B., Topcu Y.
Journal of Energy Storage, vol.77, 2024 (SCI-Expanded)
- II. **Thermokinetics and synergistic effect analysis of peat-lignite coal co-pyrolysis**
Bakkaloğlu E., Ceylan S., Topcu Y.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.46, no.1, pp.3124-3135, 2024 (SCI-Expanded)
- III. **Structural, thermal, and mechanical properties of silanized boron carbide doped epoxy nanocomposites**
Gültekin K., Uğuz G., Topcu Y., ÖZEL A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.42, 2021 (SCI-Expanded)
- IV. **Synthesis, X-ray crystallography, vibrational spectroscopy, thermal and DFT studies of (E)-6-(4-methylstyryl)-4,5-dihydropyridazin-3(2H)-one**
Daoui S., Baydere C., Akman F., El Kalai F., Mahi L., DEGE N., Topcu Y., Karrouchi K., Benchat N.

JOURNAL OF MOLECULAR STRUCTURE, vol.1225, 2021 (SCI-Expanded)

- V. **Synthesis, characterization, crystal structure, Hirshfeld surface analysis and spectroscopic properties of bis(5-aminoisophthalato) bispicolinecopper (II)**
Erdogmus G., DEMİRCİOĞLU Z., HEREN Z., Topcu Y., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1206, 2020 (SCI-Expanded)
- VI. **Investigation of ordered mesoporous carbon potential as CO₂ adsorbent**
Cakman G., Ceylan S., Topcu Y., Geyikci F.
GLOBAL NEST JOURNAL, no.1, pp.102-108, 2020 (SCI-Expanded)
- VII. **Pyrolysis and optimization of chicken manure wastes in fluidized bed reactor: CO₂ capture in activated bio-chars**
Yildiz Z., KAYA N., Topcu Y., Uzun H.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.130, pp.297-305, 2019 (SCI-Expanded)
- VIII. **Demonstrating the suitability of canola residue biomass to biofuel conversion via pyrolysis through reaction kinetics, thermodynamics and evolved gas analyses**
Tahir M. H., ÇAKMAN G., Goldfarb J. L., Topcu Y., Naqvi S. R., Ceylan S.
BIORESOURCETECHNOLOGY, vol.279, pp.67-73, 2019 (SCI-Expanded)
- IX. **Product quality optimization in an integrated biorefinery: Conversion of pistachio nutshell biomass to biofuels and activated biochars via pyrolysis**
Isitan S., Ceylan S., Topcu Y., Hintz C., Tefft J., Chellappa T., Guo J., Goldfarb J. L.
ENERGY CONVERSION AND MANAGEMENT, vol.127, pp.576-588, 2016 (SCI-Expanded)
- X. **Synthesis, crystal structure and EPR studies of vanadyl doped [Co(2-nbH)(2)(ina)(2)(H₂O)] complex**
Bozkurt E., Celik Y., Copur F., DEGE N., Topcu Y., Karabulut B.
CHEMICAL PHYSICS LETTERS, vol.659, pp.186-191, 2016 (SCI-Expanded)
- XI. **Application of artificial neural networks to co-combustion of hazelnut husk-lignite coal blends**
Yildiz Z., Uzun H., Ceylan S., Topcu Y.
BIORESOURCETECHNOLOGY, vol.200, pp.42-47, 2016 (SCI-Expanded)
- XII. **Investigation of the Optical Properties of the Solutions of the Tetraaquabis(saccharinato)metal(II)dihydrate [Metal: Co(II) and NMI)] Complexes at Different Molarity and Volume of Stock Solutions**
Adiguzel R., Gunduz B., Turan N., Topcu Y.
REVISTA DE CHIMIE, no.12, pp.2109-2117, 2015 (SCI-Expanded)
- XIII. **A phytochemical-containing metal-organic framework: Synthesis, characterization and molecular simulations for hydrogen adsorption**
DEMİR S., Cepni H. M., Topcu Y., Holynska M., Keskin S.
INORGANICA CHIMICA ACTA, vol.427, pp.138-143, 2015 (SCI-Expanded)
- XIV. **Synthesis, an experimental and quantum chemical computational study: Proton sharing in 4-Morpholinium bis(hydrogen squarate)**
Korkmaz U., Topcu Y., Taş M., Bulut A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.134, pp.233-243, 2015 (SCI-Expanded)
- XV. **Investigation of the optical properties of the solutions of the Tetraaquabis(saccharinato)metal(II) dihydrate [metal: Co(II) and Ni(II)] complexes at different molarity and volume of stock solutions**
Adiguzel R., Gunduz B., Turan N., Topcu Y.
Revista de Chimie, vol.66, no.12, pp.2109-2117, 2015 (SCI-Expanded)
- XVI. **Thermal behaviour and kinetics of alga Polysiphonia elongata biomass during pyrolysis**
Ceylan S., Topcu Y., Ceylan Z.
BIORESOURCETECHNOLOGY, vol.171, pp.193-198, 2014 (SCI-Expanded)
- XVII. **Pyrolysis kinetics of hazelnut husk using thermogravimetric analysis**
Ceylan S., Topcu Y.
BIORESOURCETECHNOLOGY, vol.156, pp.182-188, 2014 (SCI-Expanded)

- XVIII. **A New Photoluminescent and Antibacterial Polymeric Silver(I) Complex Generated from Pyridine-2,3-dicarboxylic Acid**
 Alışır S., SARİBOĞA B., Topcu Y., Yang S.
 JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.23, no.5, pp.1061-1067, 2013 (SCI-Expanded)
- XIX. **A highly fluorescent dinuclear silver(I) complex of pyrazine derivatives: Combined experimental and DFT/TD-DFT investigations**
 Alışır S., Demir S., Topcu Y., Yang S.
 POLYHEDRON, vol.56, pp.116-122, 2013 (SCI-Expanded)
- XX. **Solvothermal synthesis and characterization of coordination polymers of cobalt(II) and zinc(II) with succinic acid**
 DEMİR S., KAYA KANTAR G., Topcu Y., Li Q.
 TRANSITION METAL CHEMISTRY, vol.37, no.3, pp.257-263, 2012 (SCI-Expanded)
- XXI. **Cyano-complexes and salts with tetracyanonickellate(II) and N,N-bis(2-hydroxyethyl)-ethylenediamine: synthesis, IR spectra, magnetic properties, thermal analyses, and crystal structures**
 KARADAĞ A., Korkmaz S. A., Andaç Ö., Yerli Y., Topcu Y.
 JOURNAL OF COORDINATION CHEMISTRY, vol.65, no.10, pp.1685-1699, 2012 (SCI-Expanded)
- XXII. **Photoinduced rearrangement of aromatic N-chloroamides to chloroaromatic amides in the solid state: Inverted Π - Σ occupational stability of amidyl radicals**
 Naumov P., Topcu Y., Eckert-Maksić M., Glasovac Z., Pavošević F., Kochunnonny M., Hara H.
 Journal of Physical Chemistry A, vol.115, no.26, pp.7834-7848, 2011 (SCI-Expanded)
- XXIII. **Single-Crystal-to-Single-Crystal Photoinduced Orton Rearrangement of Substituted N -chloroanilides: A New Efficient, Selective, Solventless Method for Aromatic Chlorination.**
 Topcu Y., Naumov P.
 ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, 2009 (SCI-Expanded)
- XXIV. **An eight-coordinate strontium complex with two tetradentate triethanolamine ligands: synthesis, IR spectra, thermal analysis and crystal structure of bis(triethanolamine)strontium(II) saccharinate**
 Kazak C., Hamamci S., Topcu Y., YILMAZ V. T.
 JOURNAL OF MOLECULAR STRUCTURE, vol.657, no.1-3, pp.351-356, 2003 (SCI-Expanded)
- XXV. **Synthesis, characterization and spectral studies of triethanolamine complexes of metal saccharinates. Crystal structures of $[Co(TEA)_2](SAC)_2$ and $[Cu_2(\mu-TEA)_2(SAC)_2] \cdot 2 (CH_3OH)$**
 Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W.
 Journal of Coordination Chemistry, vol.55, no.7, pp.805-815, 2002 (SCI-Expanded)
- XXVI. **Synthesis and structure of trans-bis(ethanolamine)bis(saccharinato)mercury(II)**
 Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W.
 Crystal Research and Technology, vol.37, no.5, pp.509-513, 2002 (SCI-Expanded)
- XXVII. **Synthesis, molecular and crystal structure of bis(triethanolamine)manganese(II) saccharinate: A seven-coordinate manganese complex with tri- and tetradentate triethanolamine ligands**
 Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W. T.
 Journal of Molecular Structure, vol.610, no.1-3, pp.99-103, 2002 (SCI-Expanded)
- XXVIII. **Thermal decomposition of triethanolamine and monoethanolthylenediamine complexes of some transition metal saccharinates**
 YILMAZ V. T., Topcu Y., KARADAĞ A.
 Thermochimica Acta, vol.383, no.1-2, pp.129-135, 2002 (SCI-Expanded)
- XXIX. **Bis(pyridine-2,6-dimethanol-N, O, O')cobalt(II) and -copper(II) disaccharinate dihydrate: Three-dimensional structures with extensive hydrogen bonds and aromatic π - π -stacking interactions**
 Andaç Ö., Guney S., Topcu Y., YILMAZ V. T., Harrison W. T.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.1, 2002 (SCI-Expanded)
- XXX. **trans-bis(diethanolamine-N, O)bis(saccharinato-N)cadmium(II)**
 Andaç Ö., Topcu Y., YILMAZ V. T., Harrison W. T.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.1, 2002 (SCI-Expanded)

- XXXI. **Saccharin complexes of Co(II), Ni(II), Cu(II), Zn(II), Cd(II) and Hg(II) with ethanolamine and diethanolamine: Synthesis, spectroscopic and thermal characteristics. Crystal structures of [Zn(ea)₂(sac)₂] and [Cu₂(μ-dea)₂(sac)₂]**
YILMAZ V. T., Topcu Y., YILMAZ F., Thoene C.
Polyhedron, vol.20, no.26-27, pp.3209-3217, 2001 (SCI-Expanded)
- XXXII. **Bis(triethanolamine-*N,O,O'*)zinc(II) disaccharinate**
Topcu Y., YILMAZ V. T., Thöne C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, 2001 (SCI-Expanded)
- XXXIII. **trans-Bis(ethanolamine-*N,O*)bis-(saccharinato-*N*)copper(II)**
YILMAZ V. T., Andaç Ö., Topcu Y., Harrison W. T. A.
Acta Crystallographica Section C: Crystal Structure Communications, vol.57, no.3, pp.271-272, 2001 (SCI-Expanded)
- XXXIV. **Bis(triethanolamine-*N,O,O'*)nickel(II) bis(saccharinate)**
Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, 2001 (SCI-Expanded)
- XXXV. **Crystal structure and physico-chemical properties of diaquabis(1,10-phenanthroline)manganese(II) disaccharinate monohydrate**
YILMAZ V. T., YILMAZ F., Topcu Y., Andaç Ö., Göven K.
Journal of Molecular Structure, vol.560, no.1-3, pp.9-13, 2001 (SCI-Expanded)
- XXXVI. **Bis(triethanolamine)cadmium(II) and -mercury(II) saccharinates: Seven-coordinate complexes containing both tri- and tetradentate triethanolamine ligands**
Andaç Ö., Topcu Y., YILMAZ V. T., Guven K.
Acta Crystallographica Section C: Crystal Structure Communications, vol.57, no.12, pp.1381-1384, 2001 (SCI-Expanded)
- XXXVII. **X-ray crystal structure of trans-bis(monoethanolamine) bis(saccharinato)nickel(II)**
Andaç Ö., Topcu Y., YILMAZ V. T., Harrison W. T.
Journal of Chemical Crystallography, vol.30, no.12, pp.767-771, 2000 (SCI-Expanded)
- XXXVIII. **Preparation and spectroscopic examination of new mixed-ligand 1,10-phenanthroline, phenylhydrazine and benzidine complexes of Co(II), Ni(II), Cu(II) and Zn(II) saccharinates**
YILMAZ V. T., Topcu Y., YILMAZ F.
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.29, no.3, pp.407-417, 1999 (SCI-Expanded)
- XXXIX. **Preparation, characterization and thermal reactivity of *n,n*-dimethylformamide complexes of some transition metal chlorides**
YILMAZ V. T., Topcu Y.
Thermochimica Acta, vol.307, no.2, pp.143-147, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Crystal structure and Hirshfeld surface analysis of (succinato-*kappa O*)[N,N,N',N'-tetrakis(2-hydroxyethyl)ethylenediamine-*kappa(5) O,N,N',O',O''*]nickel(II) tetrahydrate**
Kansiz S., DEGE N., Topcu Y., ATALAY Y., Gaidai S.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.74, pp.1700-1710, 2018 (ESCI)
- II. **CO₂ capture analysis of tobacco biochar-AlCl₃ composite**
Soyler N., Ceylan S., Topcu Y.
Environmental Research and Technology, vol.1, no.1, pp.34-37, 2018 (Scopus)

Books & Book Chapters

I. Metal-Organic Frameworks for Hydrogen Storage

DEMİR S., ALTINTAŞ Ç., KESKİN AVCI S., TOPCU Y.

in: Handbook of Energy Materials, Ram Gupta, Editor, Springer Nature, pp.1-35, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. Kimyasal Olarak İndirgenmiş Grafen Filmlerin Üretimi ve Çinko İyon Hibrit Süperkapasitörde Katot Malzemesi Olarak Test Edilmesi**
ÖKSÜZ M., Bolat maden T., TOPCU Y., TEKİN B.
15. Ulusal Kimya Mühendisliği Kongresi, Çanakkale, Turkey, 4 September - 11 December 2023
- II. Hemp-Derived Activated Carbon for the New Generation Zn-Ion Hybrid Supercapacitors**
TEKİN B., TOPCU Y., Ilgaz m. A., Ecevit B., Karaaslan G. D., Bolat maden T.
The 243rd ECS Meeting and 18th International Symposium on Solid Oxide Fuel Cells (SOFC-XVIII), Boston, United States Of America, 28 May - 02 June 2023
- III. Potential Activated Carbon Material For Aqueous Zn-Ion Hybrid Supercapacitor By Using Turkey's First Domestic And National Hemp Plant**
Karaaslan G. D., Ecevit B., Ilgaz m. A., Bolat maden T., TOPCU Y., TEKİN B.
2nd International Congress on Multidisciplinary Natural Sciences, Ankara, Turkey, 01 December 2022
- IV. THE ACTIVATED CARBON THAT WAS DERIVED DOMESTIC HEMP BIOMASS: A PRELIMINARY INVESTIGATION ON THERMOCHEMICAL CONVERSION AND CHARACTERIZATION FOR SUPERCAPACITOR APPLICATIONS**
Ecevit B., Ilgaz m. A., Karaaslan G. D., Bolat maden T., TOPCU Y., TEKİN B.
COOPERATION FOR CLIMATE AND GREEN DEAL SYMPOSIUM-SAMSUN/TURKEY, Samsun, Turkey, 24 October 2022
- V. Effect of Silan Modified Nano h-B4C Dispersion on Thermal Properties of Structural Epoxy Adhesives**
KORKMAZ Y., GÜLTEKİN K., TOPCU Y.
6nd International Conference on Material Science and Technology in Cappadocia (IMSTEC21), Nevşehir, Turkey, 26 - 28 November 2021, pp.474
- VI. Ladik Torfunun Piroliz Kinetiği**
BAKKALOĞLU E., TOPCU Y.
BİLTEK Uluslararası Bilim Teknoloji ve Sosyal Bilimlerde Güncel Gelişmeler Sempozyumu, Ankara, Turkey, 20 - 22 December 2019, vol.1, pp.212-216
- VII. Çinko Borat Sentezinde Yeşil Kimya Uygulamaları**
Yüksel S., TOPCU Y.
Kimya Sanayiinde Proses İyileştirme ve Yenilikçi Yaklaşımlar Sempozyumu ve Sergisi, Samsun, Turkey, 24 - 25 October 2019, pp.26-29
- VIII. Hidrojen Depolama Teknolojilerinin Değerlendirilmesi**
Yüksel S., TOPCU Y.
Kimya Sanayiinde Proses İyileştirme ve Yenilikçi Yaklaşımlar Sempozyumu ve Sergisi, Samsun, Turkey, 24 - 25 October 2019, pp.45-49
- IX. Fındık Zurufundan Hidrotermal Karbonizasyon Yöntemiyle Aktif Karbon Üretimi**
Demirkesen B., TOPCU Y.
Kimya Sanayiinde Proses İyileştirme ve Yenilikçi Yaklaşımlar Sempozyumu ve Sergisi, Samsun, Turkey, 24 - 25 October 2019, pp.54-58
- X. Görünmez Parmak İzlerinin Kimyasal Olarak Tespitinde Yardımcı Bir Teknik: Poroskopi**
Yüksel S., TOPCU Y.
Kimya Sanayiinde Proses İyileştirme ve Yenilikçi Yaklaşımlar Sempozyumu ve Sergisi, Samsun, Turkey, 24 - 25 October 2019, pp.41-44
- XI. Perovskit Yapılı Güneş Hücreleri**

Yüksel S., TOPCU Y.

Kimya Sanayiinde Proses İyileştirme ve Yenilikçi Yaklaşımlar Sempozyumu ve Sergisi, Samsun, Turkey, 24 - 25 October 2019, pp.12-16

- XII. **The Effect on Optical Parameters of Tetraaquabis(saccharinato)Mn(II) Dihydrate Complex of Some Solvents,**
ADIGÜZEL R., BULDURUN K., GÜNDÜZ B., TURAN ÖZEK N., TOPCU Y.
V. International Multidisciplinary Congress of Eurasia, Barcelona/İspanya., 24 - 26 July 2018, vol.2, pp.77-83
- XIII. **Dispersion of Refractive Index of Tetraaquabis (Saccharinato) Zn(II) Dihydrate Complex for Different Solvents and Relations**
ADIGÜZEL R., BULDURUN K., GÜNDÜZ B., TOPCU Y., TURAN ÖZEK N.
V. International Multidisciplinary Congress of Eurasia, 24 - 26 July 2018
- XIV. **Dispersion of Refractive Index of Tetraaquabis(Saccharinato)Cd(II) Dihydrate Complex for Different Solvents and Relations**
ADIGÜZEL R., BULDURUN K., GÜNDÜZ B., TURAN ÖZEK N., TOPCU Y.
International Conference on Physical Chemistry and Functional Materials (PCFM'18), 19 - 21 June 2018, pp.238
- XV. **The Effect on Optical Parameters of Tetraaquabis(Saccharinato)Hg(II)Dihydrate Complex of Some Solvents**
ADIGÜZEL R., BULDURUN K., GÜNDÜZ B., TURAN ÖZEK N., TOPCU Y.
International Conference on Physical Chemistry and Functional Materials(PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey, Elazığ, Turkey, 19 - 21 June 2018, pp.59-60
- XVI. **Comparison of Refractive Indices ofTetraaquabis(Saccharinato)Metal(II)Dihydrate Complexes[Metal:Cd(II) and Hg(II)] for Different Conditions**
ADIGÜZEL R., BULDURUN K., GÜNDÜZ B., TOPCU Y.
International Conference on Physical Chemistry and Functional Materials(PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey, Elazığ, Turkey, 19 - 21 June 2018, pp.289
- XVII. **Synthesis, Crystal Structure, Thermal and Spectroscopic Properties of New Mn (II) Complex of 5-aminoisophthalic Acid with 4-picoline**
Tolan A., Özdemir A., Erdoğmuş G., TOPCU Y., İÇBUDAK H., HEREN Z.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.935
- XVIII. **ARTIFICIAL NEURAL NETWORK MODELLING OF LIGNITE COALPISTACHIOSHELL CO-PYROLYSIS**
YILDIZ A., TOPCU Y., CEYLAN S.
COSTAS 2017, Samsun, Turkey, 9 - 11 November 2017
- XIX. **Investigation Of The Solvent Effect On The Hydrothermal Liquefaction Of Algal Biomass Ulva Lactuca**
gedikbaş m., yiğit h., TOPCU Y.
Second International Conference on Energy Systems (ICES-2016), İstanbul, Turkey, 21 - 23 December 2016, pp.354-355
- XX. **Methylene Blue Removal From Aqueous Solutions by H2O2 Modified Hydrochar Obtained From Sunflower Stalks**
yiğit h., gedikbaş m., tezer o., TOPCU Y.
Second International Conference on Energy Systems (ICES-2016), İstanbul, Turkey, 21 - 23 December 2016, pp.299-300
- XXI. **The Catalyst Effect in Hydrothermal Liquefaction Of Macroalgae Ulva Lactuca**
mesut g., yiğit h., TOPCU Y.
Second International Conference on Energy Systems (ICES-2016), İstanbul, Turkey, 21 - 23 December 2016, pp.319-320
- XXII. **Time Depended Hydrothermal Liquefaction of Polygonum Amphibium**
tezer o., yiğit h., TOPCU Y.
Second International Conference on Energy Systems, ICES 2016, İstanbul, Turkey, 21 - 23 December 2016, pp.287-288
- XXIII. **Antibacterial Activities of Silver I complexes including 2 5 and 3 4 pyridinedicarboxylate**

ALIŞIR S., MARULCUOĞLU H., SARIBOĞA B., TOPCU Y.

IMSEC 2016, 26 - 28 October 2016

- XXIV. **Antibacterial activities of silver ı complexes including 2 5 and 3 4 pyridinedicarboxylate**
ALIŞIR S., SARIBOĞA B., MARULCUOĞLU H., TOPCU Y.
1st International Mediterranean SCIENCE AND ENGINEERING CONGRESS, Adana, Turkey, 26 - 28 October 2016, pp.1843-1847
- XXV. **Hidrotermal Karbonizasyon Ve Sodyum Hidroksit Aktivasyon İşlemleri İle Birlikte Hazırlanan Ayçiçeği Sapı Biyokütlesinin Aktif Karbonu nun Metilen Blue Adsorpsiyonu**
TOPCU Y., ALIŞIR S.
II. Ulusal Biyoyakıtlar Sempozyumu, Turkey, 27 - 30 September 2016
- XXVI. **Makroalg Örneği Ulva Lactuca nın Hidrotermal Sıvılaştırmasında Çözücü Etkisinin İncelenmesi**
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Gedikbaş M., TOPCU Y.
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Tezer O., TOPCU Y.
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- XLI. **Pridin-2,6-dikarboksilik Asit Kullanılarak Sentezlenen Metal Organik Kafes Yapılı Bileşiğin Karakterizasyonu**
Yıldız Z., Yiğit H., TOPCU Y.
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Yıldırım M., DEMİR S., TOPCU Y.
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ALIŞIR S., SARIBOĞA B., TOPCU Y.
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013, pp.183
- XLVI. **Tetraakuabis(Sakkarinato) Metal(II) Dihidrat Komplekslerinin [Metal:Co(II), Ni(II) ve Cu(II)] Molar Absorpsiyon Katsayisi Üzerindeki Etkisi**
ADIGÜZEL R., GÜNDÜZ B., TURAN ÖZEK N., TOPCU Y.
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ADIGÜZEL R., GÜNDÜZ B., TURAN ÖZEK N., TOPCU Y.
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Adıgüzel E., TOPCU Y., YILMAZ F.
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