

## Prof. AYHAN YILDIRIM

### Personal Information

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Address: Bursa Uludağ Üniversitesi Fen Edebiyat Fakültesi Kimya Bölümü

### International Researcher IDs

ScholarID: 2VLTfzKAAAAJ

ORCID: 0000-0002-2328-9754

Publons / Web Of Science ResearcherID: W-8924-2019

ScopusID: 23101773900

Yoksis Researcher ID: 35760

### Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (Dr), Turkey 2004 - 2009

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Balıkesir University, Necatibey Faculty Of Education, Department Of Mathematics And Science Teaching, Turkey 1993 - 1997

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Korozyon önleyici uzun zincir içerikli yeni organik bileşiklerin sentezi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (Dr), 2009

Postgraduate, Türkiye'xxde üretilen margarinlerde istenmeyen yapısal değişmelerin araştırılması, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (YI) (Tezli), 2002

### Research Areas

Chemistry, Organic Chemistry, Natural Sciences

### Academic Titles / Tasks

Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, KİMYA, 2020 - Continues

### Academic and Administrative Experience

Performance Evaluation Commission Member, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, 2024 - Continues  
Faculty Academic Council Member, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, 2022 - Continues  
Department Academic Incentive Evaluation Commission Member, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, 2022 - Continues

## Courses

Organik Sentezlerde Koruyucu Gruplar, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022  
BİTİRME ÇALIŞMASI II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
ORGANİK KİMYA, Undergraduate, 2023 - 2024, 2022 - 2023  
ORGANİK KİMYA, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2015 - 2016  
Bazı Biyolojik Aktif Bileşiklerin Sentezi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
ORGANİK KİMYA, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2015 - 2016  
GENEL KİMYA, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
ORGANİK KİMYA, Undergraduate, 2022 - 2023  
TEKSTİL YARDIMCI KİMYASAL MADDELERİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
KİMYA, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
BİTİRME ÇALIŞMASI I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
ORGANİK KİMYA LABORATUVARI, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
GENEL KİMYA, Undergraduate, 2023 - 2024, 2015 - 2016  
ORGANİK KİMYA LABORATUVARI, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
YÜKSEK LİSANS UZMANLIK ALAN DERSİ IV, Postgraduate, 2022 - 2023  
YÜKSEK LİSANS UZMANLIK ALAN DERSİ III, Postgraduate, 2022 - 2023, 2021 - 2022  
Yeşil Organik Sentez Reaksiyonları, Postgraduate, 2022 - 2023, 2021 - 2022  
YÜKSEK LİSANS UZMANLIK ALAN DERSİ II, Postgraduate, 2021 - 2022  
ORGANİK KİMYA, Undergraduate, 2022 - 2023  
Organik Kimya Laboratuvarı II, Undergraduate, 2015 - 2016  
ORGANİK KİMYA, Undergraduate, 2015 - 2016  
ORGANİK KİMYADA REAKSİYON MEKANİZMASI, Undergraduate, 2015 - 2016  
ÖZEL İSİMLERİ İLE BİLİNERG ORGANİK REAKSİYONLAR, Postgraduate, 2015 - 2016  
Medicinal Chemistry, Undergraduate, 2015 - 2016  
BİTİRME ÇALIŞMASI I, Undergraduate, 2015 - 2016  
GENEL KİMYA LABORATUVARI I, Undergraduate, 2015 - 2016  
BİTİRME ÇALIŞMASI I, Undergraduate, 2015 - 2016  
TEKSTİL YARDIMCI KİMYASAL MADDELERİ, Undergraduate, 2015 - 2016  
GENEL KİMYA I LABORATUVARI, Undergraduate, 2015 - 2016

## Advising Theses

Yıldırım A., UZUN ZİNCİRLİ YAĞ ASİTLERİNİN KOLESTEROL ESTERLERİNİN SENTEZİ İÇİN Ph3P.SO3 KATALİZÖRLÜĞÜNDE DAHA ÇEVRECİ VE ETKİLİ BİR YAKLAŞIMIN GELİŞTİRİLMESİ, Postgraduate, C.OGUR(Student), 2024  
Yıldırım A., 3,4-DİHİDRO-2H-1,3-BENZOKSAZİNLERİN ORGANOKATALİZÖR VEYA ORGANOMETALİK KATALİZÖRLERİN EŞLİĞİNDE ETKİN SENTEZ YÖNTEMLERİ, Postgraduate, M.GÖKER(Student), 2022  
YILDIRIM A., Effective synthesis methods of potential phase change materials from renewable resources, Postgraduate, K.Kıraylar(Student), 2020  
YILDIRIM A., Efficient and green synthesis of biological wax mono esters, Postgraduate, S.Mudaber(Student), 2018

## Jury Memberships

Doctorate, Doctorate, Bursa Teknik Üniversitesi, May, 2024  
Associate Professor Exam, Associate Professor Exam, Erzurum Teknik Üniversitesi, March, 2023  
Associate Professor Exam, Associate Professor Exam, Trustlife Labs İlaç Ar-Ge Merkezi, October, 2022  
Post Graduate, Post Graduate, Bursa Teknik Üniversitesi, July, 2022  
Associate Professor Exam, Associate Professor Exam, Bezmîâlem Vakıf Üniversitesi, May, 2022  
Associate Professor Exam, Associate Professor Exam, Yalova Üniversitesi, December, 2021  
Academic Staff Examination, Academic Staff Examination, Bursa Uludağ Üniversitesi, September, 2021  
Associate Professor Exam, Associate Professor Exam, Tokat Gaziosmanpaşa Üniversitesi, August, 2021  
Associate Professor Exam, Associate Professor Exam, Mersin Üniversitesi, July, 2021  
Associate Professor Exam, Associate Professor Exam, İstanbul Üniversitesi-Cerrahpaşa, April, 2021  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, January, 2021  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Süleyman Demirel Üniversitesi, January, 2020

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

- I. **Sustainable tandem acylation/Diels–Alder reaction toward versatile tricyclic epoxyisindole-7-carboxylic acids in renewable green solvents**  
Yıldırım A.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.20, pp.1308-1319, 2024 (SCI-Expanded)
- II. **Chemoselective direct amidation of fatty acids with furfurylamine without coupling reagents in reversed micellar microenvironment**  
Yıldırım A., Aksoy M. S.  
Journal of Heterocyclic Chemistry, vol.61, no.4, pp.568-580, 2024 (SCI-Expanded)
- III. **Synthesis, characterization, and studies of the interfacial and anticorrosion properties of a ternary cationic ionic liquid on carbon steel in a molar concentration of hydrochloric acid: Experimental and computational insights**  
Öztürk S., Gerengi H., Solomon M. M., Gece G., Yıldırım A., Olasunkanmi L. O.  
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.681, 2024 (SCI-Expanded)
- IV. **Newly Synthesized Pyridinium Salt Based Tricationic Surfactants as Corrosion Inhibitor for Carbon Steel in 1.0 M HCl Medium**  
Öztürk S., Gece G., Yıldırım A., Gerengi H.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.59, no.4, pp.750-762, 2023 (SCI-Expanded)
- V. **Homoleptic pyrazinoic acid transition metal complex as an efficient catalyst toward elegant three-component synthesis of 3,4-dihydro-2H-1,3-benzoxazines**  
Aksoy M. S., Yıldırım A.  
INORGANICA CHIMICA ACTA, vol.555, pp.121583-121591, 2023 (SCI-Expanded)
- VI. **Mild and efficient regioselective surfactant catalyzed deacylation of lipophilic 5-substituted 4-acyl-2-(acylamino)-Δ<sup>2</sup>-1,3,4-thiadiazolines**  
YILDIRIM A.  
Journal of Heterocyclic Chemistry, vol.60, no.4, pp.657-669, 2023 (SCI-Expanded)
- VII. **A simple and efficient approach for the synthesis of cholesterol esters of long-chain saturated fatty acids by using Ph<sub>3</sub>P·SO<sub>3</sub> as a versatile organocatalyst.**  
Yıldırım A., Avcı C.  
Steroids, vol.183, pp.109011, 2022 (SCI-Expanded)
- VIII. **An Efficient Ni(II) Laurate Promoted Heterocyclization of Symmetrical Thioureas with Maleic Anhydride and Mechanistic Approach toward Higher Substituted Thiazolidine-4-one-5-acetic Acids**

YILDIRIM A., ÖZTÜRK S.

CHEMISTRYSELECT, vol.7, no.26, 2022 (SCI-Expanded)

- IX. **An Ionic Liquid Promoted Clean and Direct Conversion of Triglycerides into Bio-Based Thermal Energy Storage Materials**  
YILDIRIM A.  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, vol.124, no.6, 2022 (SCI-Expanded)
- X. **A newly synthesized ionic liquid as an effective corrosion inhibitor for carbon steel in HCl medium: A combined experimental and computational studies**  
Öztürk S., Gerengi H., Solomon M. M., Gece G., Yildirim A., Yildiz M.  
MATERIALS TODAY COMMUNICATIONS, vol.29, 2021 (SCI-Expanded)
- XI. **Screening of simple carbohydrates as a renewable organocatalyst for the efficient construction of 1,3-benzoxazine scaffold**  
YILDIRIM A., Kaya Y., Goker M.  
CARBOHYDRATE RESEARCH, vol.510, 2021 (SCI-Expanded)
- XII. **N-alkyl imidazole-based homonuclear coordination complex as a neutral organocatalyst for the faster and efficient construction of 3,4-dihydro-2H-1,3-oxazine scaffold**  
YILDIRIM A., Goker M.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.35, no.12, 2021 (SCI-Expanded)
- XIII. **Synthesis, anticorrosion, antibacterial, and antifungal activity of new amphiphilic compounds possessing quinazolin-4(3H)-one scaffold**  
Ozturk S., Okay S., Yildirim A.  
RUSSIAN CHEMICAL BULLETIN, vol.69, no.11, pp.2205-2214, 2020 (SCI-Expanded)
- XIV. **An Expedient Method for Kinetically Controlled Acetonide Formation from d-Fructose Induced by Ionic Liquid Catalyst Accompanied with SrCl<sub>2</sub> center dot 6H(2)O**  
YILDIRIM A.  
CATALYSIS LETTERS, vol.150, no.9, pp.2566-2571, 2020 (SCI-Expanded)
- XV. **D-Fructose-Derived Acetonide as a Green Neutral Organocatalyst for Proficient One-Pot and Three-Component Preparation of 1,3-Benzoxazine Monomers**  
YILDIRIM A., Goker M.  
CHEMISTRYSELECT, vol.5, no.23, pp.6971-6977, 2020 (SCI-Expanded)
- XVI. **Diastereoselective thermal [3+2] cycloaddition reactions of nitronone possessing an amide functional group as hydrogen bond donor/acceptor**  
YILDIRIM A.  
CHEMISTRY OF HETEROCYCLIC COMPOUNDS, vol.56, no.3, pp.365-370, 2020 (SCI-Expanded)
- XVII. **Efficient greener methodology for the preparation of bio-based phase change materials from lipids**  
YILDIRIM A., Kiraylar K.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.196, no.4, pp.407-413, 2020 (SCI-Expanded)
- XVIII. **A convenient approach directly from triglycerides toward the producing of thia-wax esters as bio- and chemical raw materials**  
Yildirim A., Kiraylar K., Ozturk S.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.46, no.1, pp.215-230, 2020 (SCI-Expanded)
- XIX. **Flexible Semicrown Ether-Linked Symmetric Cationic Gemini Surfactants: Synthesis and Evaluation as Catalysts for Acceleration of Diastereoselective [3+2] Cycloaddition Reaction in Reversed Phase Micellar Media**  
ÖZTÜRK S., YILDIRIM A., Gece G., Turkdemir H.  
JOURNAL OF SURFACTANTS AND DETERGENTS, vol.22, no.2, pp.197-208, 2019 (SCI-Expanded)
- XX. **Improved Sustainable Ionic Liquid Catalyzed Production of Symmetrical and Non-Symmetrical Biological Wax Monoesters**  
YILDIRIM A., Mudaber S., ÖZTÜRK S.  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, vol.121, no.2, 2019 (SCI-Expanded)

- XXI. **Sustainable process for the production of symmetrical dibasic acid ester-based thermal energy storage materials from lipids**  
YILDIRIM A., Kiraylar K.  
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.3, pp.802-808, 2019 (SCI-Expanded)
- XXII. **Evaluation of the corrosion inhibiting efficacy of a newly synthesized nitron against St37 steel corrosion in acidic medium: Experimental and theoretical approaches**  
Gerengi H., Solomon M. M., Öztürk S., Yildirim A., Gece G., Kaya E.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.93, pp.539-553, 2018 (SCI-Expanded)
- XXIII. **Synthesis, structural analysis, spectral investigations, and DFT calculations of 1-(3-amino-4-thia-1,2-diazaspiro[4.11]hexadec-2-en-1-yl)ethan-1-one**  
CELEPCI D. B., YILDIRIM A., ŞEN B.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.65, no.8, pp.932-939, 2018 (SCI-Expanded)
- XXIV. **High diastereoselectivity induced by intermolecular hydrogen bonding in [3+2] cycloaddition reaction: experimental and computational mechanistic approaches**  
YILDIRIM A., Kaya Y.  
JOURNAL OF PHYSICAL ORGANIC CHEMISTRY, vol.30, no.6, 2017 (SCI-Expanded)
- XXV. **Sustainable synthetic approaches using [C(16)Im][Oxa] as a flexible organocatalyst and DFT studies toward 3,4-dihydropyrimidinones and benzoxazines**  
YILDIRIM A., Kaya Y.  
MONATSHEFTE FÜR CHEMIE, vol.148, no.6, pp.1085-1094, 2017 (SCI-Expanded)
- XXVI. **SYNTHESIS AND SURFACE CHARACTERIZATION STUDIES OF POLYETHER-LINKED SYMMETRIC HIGHER SULFANYL-1,3,4-OXADIAZOLES**  
Yildirim A., ÖZTÜRK S.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.190, no.9, pp.1535-1550, 2015 (SCI-Expanded)
- XXVII. **Metallic magnesium: an efficient catalyst toward N-aryl and N-alkyl substituted amides directly from aliphatic carboxylic acids**  
Yildirim A.  
MONATSHEFTE FÜR CHEMIE, vol.146, no.6, pp.947-951, 2015 (SCI-Expanded)
- XXVIII. **Synthesis of Novel Alkyl-Sulfanyl 1,3,4-Oxadiazolyl-1,3,5,7-Tetraazatricyclic Ammonium Chloride Type Cationic Surfactants**  
Yildirim A.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.52, no.2, pp.522-526, 2015 (SCI-Expanded)
- XXIX. **Improved Protocol Toward 1,3,4-Oxadiazole-2(3H)-thiones and Scale-up Synthesis in the Presence of SDS as a Micelle Promoted Catalyst**  
Yildirim A.  
ACTA CHIMICA SLOVENICA, vol.62, no.2, pp.473-478, 2015 (SCI-Expanded)
- XXX. **Synthesis of Quaternary, Long-Chain N-Alkyl Amides and Their Corrosion Inhibition in Acidic Media**  
ÖZTÜRK S., YILDIRIM A., Cetin M., TAVASLI M.  
JOURNAL OF SURFACTANTS AND DETERGENTS, vol.17, no.3, pp.471-481, 2014 (SCI-Expanded)
- XXXI. **Surfactant-Catalyzed Addition of Higher Thiols to N-Aryl Substituted Maleimides**  
Yildirim A.  
SYNTHETIC COMMUNICATIONS, vol.44, no.8, pp.1137-1141, 2014 (SCI-Expanded)
- XXXII. **Long-Chain Alkylthia-Benzimidazoles as Corrosion Inhibitors for Carbon Steel in H<sub>2</sub>SO<sub>4</sub> Solution**  
Yildirim A., ÖZTÜRK S., Cetin M.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.188, no.7, pp.855-863, 2013 (SCI-Expanded)
- XXXIII. **Some higher N-substituted 1,3-thiazolidine-2,4-diones and 5,5-diphenylhydantoins, their synthesis and corrosion preventive properties in mineral oil medium**  
ÖZTÜRK S., YILDIRIM A., Cetin M.

- APPLIED SURFACE SCIENCE, vol.265, pp.895-903, 2013 (SCI-Expanded)
- XXXIV. **Novel Amide-Based Cationic Surfactants as Efficient Corrosion Inhibitors for Carbon Steel in HCl and H<sub>2</sub>SO<sub>4</sub> media**  
Yildirim A., ÖZTÜRK S., Cetin M.  
JOURNAL OF SURFACTANTS AND DETERGENTS, vol.16, no.1, pp.13-23, 2013 (SCI-Expanded)
- XXXV. **SYNTHESIS AND CHARACTERIZATION OF SOME NOVEL HIGHER C,N-DIPHENYL NITRONES, ISOXAZOLINES, AND MERCAPTOBENZIMIDAZOLES AS OLEOCHEMICALS**  
Yildirim A., Cetin M.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.187, no.8, pp.952-964, 2012 (SCI-Expanded)
- XXXVI. **Synthesis of corrosion preventive long-chain N-alkyl-2-(phenylthio)-acetohydrazides and 2-oxo-2-phenylethyl-2-alkanoylhydrazinecarbodithioates**  
YILDIRIM A., Cetin M.  
MONATSCHEFTE FÜR CHEMIE, vol.139, no.11, pp.1279-1283, 2008 (SCI-Expanded)
- XXXVII. **Synthesis of undecanoic acid phenylamides as corrosion inhibitors**  
YILDIRIM A., Cetin M.  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, vol.110, no.6, pp.570-575, 2008 (SCI-Expanded)
- XXXVIII. **Synthesis and evaluation of new long alkyl side chain acetamide, isoxazolidine and isoxazoline derivatives as corrosion inhibitors**  
Yildirim A., Cetin M.  
CORROSION SCIENCE, vol.50, no.1, pp.155-165, 2008 (SCI-Expanded)
- XXXIX. **Determination of fatty acids and some undesirable fatty acid isomers in selected Turkish margarines**  
Cetin M., Yildirim A., Sahin A.  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, vol.105, no.11, pp.683-687, 2003 (SCI-Expanded)

### Articles Published in Other Journals

- I. **An improved isolation of trimyristin from Myristica fragrans as a renewable feedstock with assistance of novel cationic gemini surfactant**  
YILDIRIM A., ÖZTÜRK S., TÜRKDEMİR M. H., Kolalı A., Atalay B. G., Kocataş H.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.2, pp.545-560, 2020 (Scopus)
- II. **Synthesis of 2,3-Dihydroxypropyl-Sulfanyl Derivative Nonionic Surfactants and Their Inhibition Activities Against Carbon Steel Corrosion in Acidic Media**  
ÖZTÜRK S., Mudaber S., YILDIRIM A.  
Journal of Turkish Chemical Society Section A : Chemistry, vol.5, no.2, pp.333-346, 2018 (Scopus)
- III. **Synthesis of Aromatic Structured Di-cationic Surfactants Used as Inhibitors Against Corrosion of Carbon Steel in Acidic Medium**  
ÖZTÜRK S., YILDIRIM A.  
Journal of Turkish Chemical Society Section A : Chemistry, vol.5, no.2, pp.819-828, 2018 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Yeni Tri-Katyonik Yüzeyle aktif Maddelerin Sentezi ve Asidik Ortamda Korozyon İnhibitörü Görevi üstlenmeleri**  
ÖZTÜRK S., YILDIRIM A., GECE E. G., GERENGİ H.  
3. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 21 November 2021, pp.124-137
- II. **SYNTHESIS OF NEW TRI-CATIONIC SURFACTANTS AND ACTING AS CORROSION INHIBITOR IN ACIDIC ENVIRONMENT**  
ÖZTÜRK S., YILDIRIM A., GECE E. G., GERENGİ H.

3. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 21 - 22 November 2021

- III. **Corrosion-inhibiting effect of N,N'-xx-hexanediybis{2-[(2,3-dihydroxypropyl)sulfanyl]acetamide} on the corrosion of St37 steel alloy in 1M HCl**  
YILDIZ M., KAYA E., GERENGİ H., ÖZTÜRK S., YILDIRIM A.  
The 5th International Colloquium, Tunisia, 28 November - 01 December 2018
- IV. **Corrosion-inhibiting effect of N,N'-xx-hexanediybis{2-[(2,3-dihydroxypropyl)sulfanyl]acetamide} on the corrosion of St37 steel alloy in 1M HCl**  
YILDIZ M., KAYA E., GERENGİ H., ÖZTÜRK S., YILDIRIM A.  
The 5th International Colloquium "Corrosion Materials' Protection", Monastir, Tunisia, 28 November - 01 December 2018
- V. **"Semi-crown ether linked symmetric cationic gemini surfactants, synthesis and their corrosion inhibition effects on carbon steel in 1 M HCl solution**  
ÖZTÜRK S., YILDIRIM A.  
XV. International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018
- VI. **St37 ÇELİĞİNİN 1 M HCl ORTAMINDAKİ KOROZYON MEKANİZMASINA İYONİK OLMAYAN YÜZEY AKTİF MADDEİNİN ETKİSİNİN ARAŞTIRILMASI**  
YILDIZ M., YILDIRIM A., ÖZTÜRK S., LAHBİB L., BEREKET G., GERENGİ H.  
XV. International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018
- VII. **Semi-crown ether linked symmetric cationic gemini surfactants, synthesis and their corrosion inhibition effects on carbon steel in 1 M HCl solution**  
ÖZTÜRK S., YILDIRIM A.  
XV. International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018
- VIII. **Biyolojik Vaks Mono Esterlerin Kimyasal Esterfikasyon ve Transesterfikasyon Reaksiyonları Üzerinden Yeşil Sentez Yöntemi**  
Mudaber S., YILDIRIM A.  
INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 26 - 27 April 2018
- IX. **[32] Halka Katılma Reaksiyonlarında H-bağı Kaynaklı Diastereoselektivite**  
YILDIRIM A., KAYA Y.  
29.Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- X. **2,3-Dihidroksipropil-Sülfanil Türevi Noniyonik Yüzey Aktif Maddelerin Sentezi ve Asidik Ortamdaki Metal Korozyonuna Karşı İnhibisyon Etkinlikleri**  
ÖZTÜRK S., YILDIRIM A.  
6.Fiziksel Kimya Kongresi, Zonguldak, Turkey, 15 - 18 May 2017
- XI. **2,3-Dihidroksipropil-Sülfanil Türevi Noniyonik Yüzey Aktif Maddelerin Sentezi ve Asidik Ortamdaki Metal Korozyonuna Karşı İnhibisyon Etkinlikleri**  
ÖZTÜRK S., YILDIRIM A.  
6. Fiziksel Kimya Kongresi, Zonguldak, Turkey, 15 - 18 May 2017
- XII. **Metallic magnesium an efficient catalyst toward N aryl and N alkyl substituted amides directly from aliphatic carboxylic acids**  
YILDIRIM A.  
International Symposium on Molecular Chemistry, İstanbul, Turkey, 19 December 2014
- XIII. **YENİ ALKİL SÜLFANİL 1 3 4 OKZADİAZOLİL 1 3 5 7 TETRAAZATRİSİKLİK AMONYUM KLORÜR TİPİ KATYONİK YÜZEY AKTİF MADDELERİN SENTEZİ**  
YILDIRIM A.  
ULUDAĞ ÜNİVERSİTESİ III. BİLGİLENDİRME ve AR-GE GÜNLERİ, Bursa, Turkey, 12 - 14 November 2013
- XIV. **Synthesis of anticorrosive surface active agents for acidic media part II 1- Substituted alkylamino oxoalkyl pyridinium bromides**  
ÖZTÜRK S., YILDIRIM A., Çetin M.  
3rd PAK-TURK Conference on Chemical Sciences, Bursa, Turkey, 13 - 15 September 2012
- XV. **Synthesis of anticorrosive surface active agents for acidic media part I Alkylamino- N,N,N-**

### **triethyloxoalkan-1-aminium bromides**

ÖZTÜRK S., YILDIRIM A., Çetin M.

3rd PAK-TURK Conference on Chemical Sciences, Bursa, Turkey, 13 - 15 September 2012

- XVI. **Synthesis of anticorrosive surface active agents for acidic media part I: Alkylamino-N,N,N-triethyloxoalkan-1-aminium bromides**

ÖZTÜRK S., YILDIRIM A., ÇETİN M.

3rd Pak-Turk Conference on Chemical Sciences, Bursa, Turkey, 13 - 15 September 2012

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## **Memberships / Tasks in Scientific Organizations**

Türkiye Kimya Derneği, Member, 2007 - 2019, Turkey

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