

Prof. AYHAN YILDIRIM

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International Researcher IDs

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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 (Yıl) (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 değişimelerin araştırılması, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya (Yıl) (Tezli), 2002

Research Areas

Chemistry, Organic Chemistry, Natural Sciences

Academic Titles / Tasks

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

Courses

Bazı Biyolojik Aktif Bileşiklerin Sentezi, Undergraduate, 2021 - 2022
Organik Sentezlerde Koruyucu Gruplar, Postgraduate, 2021 - 2022
Yeşil Organik Sentez Reaksiyonları, Postgraduate, 2021 - 2022
ORGANİK KİMYA, Undergraduate, 2015 - 2016
Organik Kimya Laboratuvarı II, Undergraduate, 2015 - 2016
ORGANİK KİMYA, Undergraduate, 2015 - 2016
ORGANİK KİMYA, Undergraduate, 2015 - 2016
ORGANİK KİMYADA REAKSİYON MEKANİZMASI, Undergraduate, 2015 - 2016
ÖZEL İSİMLERİ İLE BİLİNEN ORGANİK REAKSİYONLAR, Postgraduate, 2015 - 2016
Medicinal Chemistry, Undergraduate, 2015 - 2016
BİTİRME ÇALIŞMASI I, Undergraduate, 2015 - 2016
GENEL KİMYA LABORATUARI I, Undergraduate, 2015 - 2016
BİTİRME ÇALIŞMASI I, Undergraduate, 2015 - 2016
TEKSTİL YARDIMCI KİMYASAL MADDELERİ, Undergraduate, 2015 - 2016
GENEL KİMYA, Undergraduate, 2015 - 2016
TEKSTİL YARDIMCI KİMYASAL MADDELERİ, Undergraduate, 2015 - 2016
GENEL KİMYA I LABORATUVARI, Undergraduate, 2015 - 2016

Advising Theses

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.Kiraylar(Student), 2020
YILDIRIM A., Efficient and green synthesis of biological wax mono esters, Postgraduate, S.Mudaber(Student), 2018

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Bezmiâlem Vakıf Üniversitesi, May, 2022
Associate Professor Exam, Associate Professor Exam, Yalova Üniversitesi, December, 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. 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)
- II. 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, pp.132720, 2024 (SCI-

- Expanded)
- III. **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)
- IV. **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)
- V. **Mild and efficient regioselective surfactant catalyzed deacylation of lipophilic 5-substituted 4-acyl-2-(acylamino)-Δ2-1,3,4-thiadiazolines**
YILDIRIM A.
Journal of Heterocyclic Chemistry, vol.60, no.4, pp.657-669, 2023 (SCI-Expanded)
- VI. **A simple and efficient approach for the synthesis of cholesterol esters of long-chain saturated fatty acids by using Ph₃P·SO₃ as a versatile organocatalyst.**
Yıldırım A., Avci C.
Steroids, vol.183, pp.109011, 2022 (SCI-Expanded)
- VII. **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)
- VIII. **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)
- IX. **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., Yıldırım A., Yıldız M.
MATERIALS TODAY COMMUNICATIONS, vol.29, 2021 (SCI-Expanded)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **An Expedient Method for Kinetically Controlled Acetonide Formation from d-Fructose Induced by Ionic Liquid Catalyst Accompanied with SrCl₂ center dot 6H₂O**
YILDIRIM A.
CATALYSIS LETTERS, vol.150, no.9, pp.2566-2571, 2020 (SCI-Expanded)
- XIV. **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)
- XV. **Diastereoselective thermal [3+2] cycloaddition reactions of nitrone 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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **Evaluation of the corrosion inhibiting efficacy of a newly synthesized nitrone against St37 steel corrosion in acidic medium: Experimental and theoretical approaches**
- Gerengi H., Solomon M. M., Öztürk S., Yıldırım A., Gece G., Kaya E.
- MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.93, pp.539-553, 2018 (SCI-Expanded)
- XXII. **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**
- CELEPCİ D. B., YILDIRIM A., ŞEN B.
- JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.65, no.8, pp.932-939, 2018 (SCI-Expanded)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **Long-Chain Alkylthia-Benzimidazoles as Corrosion Inhibitors for Carbon Steel in H₂SO₄ 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)
- XXXII. **Novel Amide-Based Cationic Surfactants as Efficient Corrosion Inhibitors for Carbon Steel in HCl and H₂SO₄ media**
Yildirim A., ÖZTÜRK S., Cetin M.
JOURNAL OF SURFACTANTS AND DETERGENTS, vol.16, no.1, pp.13-23, 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. **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)
- XXXV. **Synthesis of corrosion preventive long-chain N-alkyl-2-(phenylthio)-acetohydrazides and 2-oxo-2-phenylethyl-2-alkanoylhyclazinecarbodithioates**
YILDIRIM A., Cetin M.
MONATSHEFTE FÜR CHEMIE, vol.139, no.11, pp.1279-1283, 2008 (SCI-Expanded)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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 asInhibitors 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 Yüzey 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-hexanediylbis{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-hexanediylbis{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 YÜZYEY AKTİF MADDEİN ETKİSİNİN ARAŞTIRILMASI**
YILDIZ M., YILDIRIM A., ÖZTÜRK S., LAHBIB 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 Esterifikasyon ve Transesterifikasyon Reaksiyonları Üzerinden Yeşil Sentez Yöntemi**
Mudaber S., YILDIRIM A.
INTERNATIONAL EURASIAN CONFERENCE ONBIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 26 - 27 April 2018
- IX. **[32] Halka Katılma Reaksiyonlarında H-bağı Kaynaklı Diastereoselektivite**
YILDIRIM A., KAYA Y.
29.Uluslararası 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 Ortamındaki 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
- XVII. **Synthesis of anticorrosive surface active agents for acidic media part II: 1- Substituted alkylamino oxoalkyl pyridinium bromides**
ÖZTÜRK S., YILDIRIM A., ÇETİN M.
3rd Pak-Turk Conference on Chemical Sciences, Bursa, Turkey, 13 - 15 September 2012
- XVIII. **Amit Fonksiyonel Grubu İçeren Katyonik Yüzey Aktif Maddelerin Sentezi ve Korozyon İnhibitörlük Özellikleri**
ÖZTÜRK S., YILDIRIM A., Çetin M.
3. Fiziksel Kimya Günleri Kongresi, Balıkesir, Turkey, 12 - 15 July 2012
- XIX. **Uzun Alkil Zinciri İçeren Beş Üyeli Heterosiklik Bileşiklerin Sentezi ve Mineral Yağ Ortamındaki Korozyon İnhibitörlük Özellikleri**
ÖZTÜRK S., YILDIRIM A., Çetin M.
3. Fiziksel Kimya Günleri Kongresi, Balıkesir, Turkey, 12 - 15 July 2012
- XX. **Amit Fonksiyonel Grubu İçeren Katyonik Yüzey Aktif Maddelerin Sentezi ve Korozyon İnhibitörlük Özellikleri**
ÖZTÜRK S., YILDIRIM A., ÇETİN M.
III. Fiziksel Kimya Günleri, Balıkesir, Turkey, 12 - 15 July 2012
- XXI. **Uzun Alkil Zinciri İçeren Beş Üyeli Heterosiklik Bileşiklerin Sentezi ve Mineral Yağ Ortamındaki Korozyon İnhibitörlük Özellikleri**
ÖZTÜRK S., YILDIRIM A., ÇETİN M.
III. Fiziksel Kimya Günleri, Balıkesir, Turkey, 12 - 15 July 2012
- XXII. **Beş üyeli heterosiklik uzun alkil zincirli bileşiklerin sentezi ve mineral yağ ortamındaki korozyon inhibitörlük özellikleri**
ÖZTÜRK S., YILDIRIM A., Çetin M.
ÜÜ Bilgilendirme ve AR-GE Günleri 15-16 Kasım 2011, Bursa, Turkey, 15 - 16 November 2011

- XXIII. Katyonik yüzey aktif amidlerin sentezi ve korozyon inhibitörlük özellikleri
YILDIRIM A., ÖZTÜRK S., Çetin M.
UÜ Bilgilendirme ve AR-GE Günleri 15-16 Kasım 2011, Bursa, Turkey, 15 - 16 November 2011
- XXIV. KOROZYON ÖNLEYİCİ BAZI HETEROSİKLİK BİLEŞİKLERİN SENTEZİ VE UYGULAMALARI
YILDIRIM A., Çetin M.
21. ULUSAL KİMYA KONGRESİ, Malatya, Turkey, 23 - 27 August 2007
- XXV. Yağ Asitlerinin Tekstil Yardımcı Kimyasallarındaki Yeri
ÇETİN M., YILDIRIM A.
II. Ulusal Tekstil Yardımcı Kimyasalları Kongresi, Turkey, 27 - 28 September 2004

Supported Projects

Aksoy M. S., Yıldırım A., Project Supported by Higher Education Institutions, Ters Faz Misel Mikro Ortamda Yağ Asitlerinin Furfurlamin ile Kemoselektif Doğrudan Amidasyonu, 2023 - 2024

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