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Personal Information

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International Researcher IDs

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ScopusID: 6603283338

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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey 2001 - 2007

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey 1997 - 2000

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1993 - 1997

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, FTIR Spektroskopisi Cihaz ve Uygulama Eğitimi, Perkin-Elmer İnrüment-Malatya, 2015

Education Management and Planning, AFM Kullanıcı Eğitimi, Park System Corp. İnönü Üniversitesi-Malatya, 2014

Education Management and Planning, DSC-60, TGA-50, DTA-50 Kullanıcı Eğitimi, Ant Teknik Firması -İnönü Üniversitesi-Malatya, 2014

Education Management and Planning, Yüzey Kimyası ve Yüzey Gerilimi Ölçüm Sistemleri Eğitimi, İnönü Üniversitesi-Malatya, 2013

Education Management and Planning, TÜBİTAK Bilimsel Proje Hazırlama Eğitimi, İnönü Üniversitesi-Malatya, 2012

Education Management and Planning, Bilimsel Proje Hazırlama Çalıştayı, İnönü Üniversitesi-Malatya, 2010

Education Management and Planning, Avrupa Birliği Projeleri İçin Uygulamalı Proje Hazırlama Eğitimi, İnönü Üniversitesi-Malatya, 2009

Education Management and Planning, Mikrodalga Parçalama ve Sentez sistemleri Eğitimi, Perkin-Elmer İnrüment-Berghof -İzmir, 2008

Education Management and Planning, Termal Analiz sistemleri ve Cihazları Temel ve Uygulamalı Eğitimi, Perkin-Elmer İnrüment-İzmir, 2008

Education Management and Planning, Laboratuvar Cihazları Kullanıcı Kalibrasyonu Eğitimi, Ege Ordusu Kalibrasyon Merkez Müdürlüğü-İzmir, 2008

Education Management and Planning, ICP-OES Temel ve Uygulamalı Eğitimi, Perkin-Elmer İnrüment İzmir, 2008

Education Management and Planning, Jel Geçirgenlik Kromatografisi Temel ve Uygulamalı eğitimi, TÜBİTAK-ATAL-

Ankara, 2002

Education Management and Planning, Advanced Materials and Progress Education, ODTÜ-Kimya ve Malzeme Mühendisliği-Ankara, 1998

Dissertations

Doctorate, Hibrit Poliimidlerin Piridin Temelli Monomerlerden Sentezlenmesi ve Özelliklerinin İncelenmesi, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2007

Postgraduate, Poliimid-Kil Hibrit Materyallerinin Sentezi ve Fizikokimyasal Özelliklerinin İncelenmesi, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2000

Research Areas

Chemistry, Physical Chemistry, Functional Polymers, Composites, nanocomposites, Polymeric Films, Polymeric Materials, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2017 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2012 - 2017

Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2009 - 2012

Research Assistant PhD, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2007 - 2009

Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 1998 - 2007

Academic and Administrative Experience

BAP Scientific Commissioner, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2019 - Continues

Assistant Director of the Institute, Inonu University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 2019 - Continues

Head of Department, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2018 - Continues

Deputy Head of Department, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2018 - Continues

Director of the Center, Inonu University, Üstün Yetenekliler Araştırma Ve Uygulama Merkezi, 2018 - 2022

Adaptation/Exemption Committee Member, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2018 - 2022

Fakülte Kurulu Üyesi, Inonu University, Fen-Edebiyat Fakültesi, 2017 - 2021

Deputy Director of the Center, Inonu University, Üstün Yetenekliler Araştırma Ve Uygulama Merkezi, 2009 - 2018

Fakülte Yönetim Kurulu Üyesi, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2015 - 2017

Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2012 - 2015

Courses

POLİMER SENTEZ VE KARAKTERİZASYON YÖNTEMLERİ, Undergraduate Double Major, 2022-2023

FİZİKOKİMYA I, Undergraduate, 2022-2023

YÜKSEK TEKNOLOJİ POLİMERLERİ, Undergraduate Minor, 2022-2023

İLERİ ANALİZ VE KARAKTERİZASYON YÖNTEMLERİ, Undergraduate Minor, 2022-2023

POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2022-2023

FİZİKOKİMYA II, Undergraduate, 2021-2022

KİMYACILAR İÇİN MATEMATİK, Undergraduate, 2021-2022

FİZİKOKİMYA I, Undergraduate, 2021-2022

POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2021-2022
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2021-2022
POLİMER KİMYASI, Undergraduate, 2021-2022
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2020-2021
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2020-2021
İLERİ KİMYA KONULARI, Undergraduate Double Major, 2020-2021
FİZİKOKİMYA I, Undergraduate, 2020-2021
FİZİKOKİMYA IV, Undergraduate, 2020-2021
POLİMER KİMYASI, Undergraduate, 2020-2021
İLERİ ANALİZ VE KARAKTERİZASYON YÖNTEMLERİ, Undergraduate Minor, 2020-2021
FİZİKOKİMYA III, Undergraduate, 2020-2021
KİMYACILAR İÇİN MATEMATİK, Undergraduate, 2020-2021
FİZİKOKİMYA II, Undergraduate, 2020-2021
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2019-2020
FİZİKOKİMYA III, Undergraduate, 2019-2020
POLİMER SENTEZ VE KARAKTERİZASYON YÖNTEMLERİ, Undergraduate Double Major, 2019-2020
FİZİKOKİMYA II, Undergraduate, 2019-2020
İLERİ ANALİZ VE KARAKTERİZASYON YÖNTEMLERİ, Undergraduate Minor, 2019-2020
KİMYACILAR İÇİN MATEMATİK, Undergraduate, 2019-2020
BİTİRME ÇALIŞMASI, Undergraduate, 2019-2020
POLİMER KİMYASI, Undergraduate, 2019-2020
FİZİKOKİMYA I, Undergraduate, 2019-2020
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2018-2019
KİMYACILAR İÇİN MATEMATİK, Undergraduate, 2018-2019
FONKSİYONEL POLİMERLER, Undergraduate Minor, 2018-2019
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2018-2019
FİZİKOKİMYA I, Undergraduate, 2018-2019
FİZİKOKİMYA III, Undergraduate, 2018-2019
İLERİ ANALİZ VE KARAKTERİZASYON YÖNTEMLERİ, Undergraduate Minor, 2018-2019
GENEL KİMYA I, Undergraduate, 2017-2018
KİMYA I, Undergraduate, 2017-2018
FİZİKOKİMYA LABORATUVARI, Undergraduate, 2017-2018
POLİMER TEKNOLOJİSİ, Undergraduate, 2017-2018
KOMPOZİT KİMYASI, Undergraduate Minor, 2017-2018
İLERİ POLİMER TEKNOLOJİSİ, Undergraduate Minor, 2017-2018
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2017-2018
KİMYA II, Undergraduate, 2017-2018
GENEL KİMYA II, Undergraduate, 2017-2018
FİZİKOKİMYA LABORATUVARI, Undergraduate, 2016-2017
KOMPOZİT KİMYASI, Undergraduate Double Major, 2016-2017
GENEL KİMYA, Associate Degree, 2016-2017
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2016-2017
BİTİRME ÇALIŞMASI, Undergraduate, 2016-2017
Polimer Kimyası, Undergraduate, 2016-2017
ELEKTROKİMYA, Undergraduate, 2015-2016
FİZİKOKİMYA LABORATUVARI, Undergraduate, 2015-2016
POLİMER KİMYASI, Undergraduate, 2015-2016
KİMYASAL KİNİTİK, Undergraduate, 2015-2016
BİTİRME ÇALIŞMASI II, Undergraduate, 2015-2016
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2015-2016
ISIL KARARLI POLİMERLER, Undergraduate Double Major, 2015-2016

BİTİRME ÇALIŞMASI I, Undergraduate, 2015-2016
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2015-2016
POLİMER TEKNOLOJİSİ, Undergraduate, 2015-2016
POLİMER TEKNOLOJİSİ, Undergraduate, 2014-2015
POLİMER KİMYASI, Undergraduate, 2014-2015
ISIL KARARLI POLİMERLER, Undergraduate Double Major, 2014-2015
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2014-2015
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2014-2015
KOMPOZİT KİMYASI, Undergraduate Double Major, 2014-2015
BİTİRME ÇALIŞMASI II, Undergraduate, 2014-2015
BİTİRME ÇALIŞMASI I, Undergraduate, 2014-2015
FİZİKOKİMYA II, Undergraduate, 2014-2015
FİZİKOKİMYA LABORATUVARI, Undergraduate, 2013-2014
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2013-2014
BİTİRME ÇALIŞMASI I, Undergraduate, 2013-2014
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2013-2014
BİTİRME ÇALIŞMASI II, Undergraduate, 2013-2014
POLİMER TEKNOLOJİSİ, Undergraduate, 2013-2014
POLİMER KİMYASI, Undergraduate, 2013-2014
BİTİRME ÇALIŞMASI I, Undergraduate, 2012-2013
FİZİKOKİMYA LABORATUVARI II, Undergraduate, 2012-2013
POLİMER TEKNOLOJİSİ, Undergraduate, 2012-2013
FİZİKOKİMYA LABORATUVARI, Undergraduate, 2012-2013
KİMYASAL KİNETİK, Undergraduate, 2012-2013
ELEKTROKİMYA, Undergraduate, 2012-2013
POLİMER KİMYASI, Undergraduate, 2012-2013
BİTİRME ÇALIŞMASI II, Undergraduate, 2012-2013
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2011-2012
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2011-2012
KOMPOZİT KİMYASI, Undergraduate Double Major, 2011-2012
POLİMERİK KOMPOZİT MALZEMELER, Undergraduate Double Major, 2010-2011
POLİMER SENTEZ VE KARAKTERZASYON YÖNTEMLERİ, Undergraduate Double Major, 2010-2011

Advising Theses

Köytepe S., Yüksek bariyer özellikli paketleme endüstrisinde kullanılacak ormoser bopp film geliştirilmesi, Postgraduate, G.KAYIN(Student), 2021
KÖYTEPE S., Dekstrin temelli polimerlerin sentezi, yüzey modifikasyonu ve biyomedikal uygulamaları, Postgraduate, M.KANTARCIOĞLU(Student), 2017
KÖYTEPE S., Supramoleküler ağ yapılı hibrit polimerlerin farklı nanoparçacıklar kullanılarak sentezi ve uygulama alanlarının belirlenmesi, Postgraduate, İ.ÖZCAN(Student), 2015
Köytepe S., Kolon dolgu maddesi olarak farklı gözenek yapısına sahip modifiye silika yapılarının sentezi, karakterizasyonu ve uygulamaları, Postgraduate, E.SÜRA(Student), 2015
KÖYTEPE S., Fonksiyonel Polioksometalatlardan Sentezi ve Poliüretan Kompozitlerinde Uygulanması, Postgraduate, İ.KÜÇÜK(Student), 2013
KÖYTEPE S., Supramoleküler Ağ Yapılı Polimerlerin Hazırlanması, Karakterizasyonu Ve Uygulama Alanlarının Belirlenmesi, Postgraduate, H.Maruf(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of microbial chondroitin sulfate-based proton exchange membranes for microbial fuel cells**
Erenler S. A., Unver T., Ozaslan B. F., Koytepe S., Sezer S.
FUEL, vol.363, pp.1-10, 2024 (SCI-Expanded)
- II. **The Cytotoxicity, DNA Fragmentation, and Decreasing Velocity Induced By Chromium(III) Oxide on Rainbow Trout Spermatozoa**
Ozgur M. E., Ulu A., GÜRSES C., Ozcan I., Noma S. A. A., KÖYTEPE S., ATEŞ B.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.201, no.2, pp.968-983, 2023 (SCI-Expanded)
- III. **Titanium dioxide-multiwalled carbon nanotube/polyimide composite film modified electrodes for simultaneous voltammetric detection of ascorbic acid, uric acid and dopamine as biomarker molecules**
GÜNGÖR Ö., ÖZGÜL O., Aksoy B., OKUŞLUK F., KÖYTEPE S.
POLYMER BULLETIN, vol.79, no.12, pp.11051-11077, 2022 (SCI-Expanded)
- IV. **Sr/Smco-doped hydroxyapatites: experimental characterization and theoretical research**
Hssain A. H., BULUT N., Ates T., KÖYTEPE S., Kurucay A., Kebiroglu H., KAYĞILI Ö.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.58, no.5, pp.1491-1507, 2022 (SCI-Expanded)
- V. **Experimental and theoretical characterization of Bi-based hydroxyapatites doped with Ce**
Kareem R. O., KAYĞILI Ö., Ates T., BULUT N., KÖYTEPE S., Kurucay A., Ercan F., Ercan I.
CERAMICS INTERNATIONAL, vol.48, no.22, pp.33440-33454, 2022 (SCI-Expanded)
- VI. **Preparation of mesoporous carbon containing Polyurethane/Clay nanocomposite membrane based sensors for sensitive and selective determination of vitamin D2 in urine samples**
Kuyumcu Savan E., Ozcan I., Köytepe S.
MEASUREMENT, vol.203, 2022 (SCI-Expanded)
- VII. **Chronic and Acute Water-Soluble Microplastics Uptake and Effects on Growth and Reproduction of Daphnia magna**
Gökçe D., Seftalicioglu M. D., Erden B. A., Köytepe S.
WATER AIR AND SOIL POLLUTION, vol.233, no.11, 2022 (SCI-Expanded)
- VIII. **The effects of Zn/Fe co-dopants on the structural, thermal, magnetic, and in vitro biocompatibility properties of calcium pyrophosphate ceramics**
Kebiroglu H., Ates T., BULUT N., ERCAN İ., Ercan F., Acari I. K., KÖYTEPE S., ATEŞ B., KAYĞILI Ö.
PHYSICA B-CONDENSED MATTER, vol.643, 2022 (SCI-Expanded)
- IX. **A new voltammetric sensor for penicillin G using poly (3-methylthiophene)-citric acid modified glassy carbon electrode**
Güngör Ö., Burç M., Hassine C. B. A., Köytepe S., Duran S.
DIAMOND AND RELATED MATERIALS, vol.128, 2022 (SCI-Expanded)
- X. **Effects of Yttrium Doping on Erbium-Based Hydroxyapatites: Theoretical and Experimental Study**
Ahmed L. O., BULUT N., Kebiroglu H., Alkhedher M., Ates T., KÖYTEPE S., ATEŞ B., KAYĞILI Ö., El Din E. M. T.
MATERIALS, vol.15, no.20, 2022 (SCI-Expanded)
- XI. **Preparation of 10-undecenoic acid based polyurethane/PCL fibers by electrospinning method and investigation of their antifungal properties**
Acari I. K., BORAN F., Kolak S., Tatlici E., YEŞİLADA Ö., KÖYTEPE S., ATEŞ B.
POLYMER BULLETIN, vol.79, no.10, pp.9179-9197, 2022 (SCI-Expanded)
- XII. **Fast Curing Multifunctional Tissue Adhesives of Sericin-Based Polyurethane-Acrylates for Sternal Closure**
Balcioglu S., NOMA S. A. A., Ulu A., Karaaslan-Tunc M. G., ÖZHAN O., KÖYTEPE S., PARLAKPINAR H., VARDI N., ÇOLAK M. C., ATEŞ B.
ACS APPLIED MATERIALS & INTERFACES, 2022 (SCI-Expanded)
- XIII. **The experimental and theoretical investigation of Sm/Mg co-doped hydroxyapatites**
Hssain A. H., BULUT N., Ates T., KÖYTEPE S., Kurucay A., Kebiroglu H., KAYĞILI Ö.

CHEMICAL PHYSICS LETTERS, vol.800, 2022 (SCI-Expanded)

- XIV. **High Sensitive Voltammetric Gentamicin Sensor using Poly (3-thiophenecarboxylic acid-co-3-methylthiophene) Modified Glassy Carbon Electrode**
Burc M., Duran S. T., Güngör Ö., Köytepe S.
ELECTROANALYSIS, vol.34, no.7, pp.1212-1226, 2022 (SCI-Expanded)
- XV. **Chemistry and engineering of brush type polymers: Perspective towards tissue engineering**
Acari I. K., Sel E., Ozcan I., ATEŞ B., Koytepe S., Thakur V. K.
ADVANCES IN COLLOID AND INTERFACE SCIENCE, vol.305, 2022 (SCI-Expanded)
- XVI. **Preparation, characterization, and biocompatibility of chondroitin sulfate-based sol-gel coatings and investigation of their effects on osseointegration improvement**
PAŞAHAN A., SEVİMLİ R., KIVILCIM F. N., Acari I. K., ERENLER A. Ş., Sezer S., Durmat H. T., Huz M., ÜNVER T., SEÇKİN T., et al.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, 2022 (SCI-Expanded)
- XVII. **Experimental characterization and theoretical investigation of Zn/Sm co-doped hydroxyapatites**
Hssain A. H., BULUT N., Ates T., KÖYTEPE S., Kurucay A., Kebiroglu H., KAYĞILI Ö.
MATERIALS TODAY COMMUNICATIONS, vol.31, 2022 (SCI-Expanded)
- XVIII. **Fabrication, thermal and in vitro behaviors of ciprofloxacin loaded beta-cyclodextrin-PEG based polyurethanes as potential biomaterial for wound dressing applications**
Kantarcioğlu M., Tunc M. G. K., GÜRSES C., ATEŞ B., KÖYTEPE S.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.59, no.5, pp.329-345, 2022 (SCI-Expanded)
- XIX. **Electrochemical determination of ceftriaxone using polyurethane-modified electrode containing caffeic acid and chitosan**
Hassine C. B. A., Güngör Ö., Burc M., Ozcan I., Köytepe S., Titretir Duran S.
POLYMER-PLASTICS TECHNOLOGY AND MATERIALS, vol.61, no.6, pp.609-623, 2022 (SCI-Expanded)
- XX. **Interaction of nickel ferrite nanoparticles with nucleic acids**
TOPKAYA S. N., Acari I. K., Kaya H. O., Ozcan I., KÖYTEPE S., Cetin A. E.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.211, 2022 (SCI-Expanded)
- XXI. **Aliphatic Polyurethane Films Based on Hexamethylene Diisocyanate and Saccharides for Biocompatible Transparent Coating on Optic Medical Devices**
Gurses C., Karaaslan M. G., Kelestemur U., Balcioglu S., Gulgen S., Koytepe S., Ates B.
STARCH-STARKE, vol.74, no.3-4, 2022 (SCI-Expanded)
- XXII. **Preparation of Molecularly Imprinted Metoprolol Sensor from Poly(aniline-co-p-toluene sulfonic acid)**
GÜNGÖR Ö., Ben Ali Hassine C., BURÇ M., KÖYTEPE S., TİTRETİR DURAN S.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.14, no.2, pp.290-302, 2022 (SCI-Expanded)
- XXIII. **Detection of Diazinon Organophosphates Using Magnetoelastic Sensor**
ATALAY S., ATEŞ B., Balcioglu S., Inan O. O., Kolak S., ŞİMŞEK M., KOLAT V. S., KÖYTEPE S., İZGİ T.
IEEE TRANSACTIONS ON MAGNETICS, vol.58, no.2, 2022 (SCI-Expanded)
- XXIV. **Fabrication of electrospun polycaprolactone/chitosan nanofiber-modified screen-printed electrode for highly sensitive detection of diazinon in food analysis**
Topsoy O. K., Muhammad F., Kolak S., Ulu A., GÜNGÖR Ö., ŞİMŞEK M., KÖYTEPE S., ATEŞ B.
MEASUREMENT, vol.187, 2022 (SCI-Expanded)
- XXV. **Experimental characterization and theoretical investigation of Ce/Yb co-doped hydroxyapatites**
Acar S., KAYĞILI Ö., Ates T., Dorozhkin S., BULUT N., ATEŞ B., KÖYTEPE S., Ercan F., Kebiroglu H., Hssain A. H.
MATERIALS CHEMISTRY AND PHYSICS, vol.276, 2022 (SCI-Expanded)
- XXVI. **Photocrosslinkable gelatin/collagen based bioinspired polyurethane-acrylate bone adhesives with biocompatibility and biodegradability**
Balcioglu S., Gurses C., Ozcan İ., Yildiz A., Koytepe S., Parlakpınar H., Vardi N., Ates B.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.192, pp.1344-1356, 2021 (SCI-Expanded)
- XXVII. **Fabrication of Oleic Acid Grafted Starch-based Hybrid Carriers for l-Asparaginase Encapsulation**

- Hafizosmanoglu G., Ulu A., KÖYTEPE S., ATEŞ B.
STARARCH-STARKE, 2021 (SCI-Expanded)
- XXVIII. **Recent Progress and Perspectives on Polyurethane Membranes in the Development of Gas Sensors**
AKSOY B., SEL E., KUYUMCU SAVAN E., ATEŞ B., KÖYTEPE S.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.51, no.7, pp.619-630, 2021 (SCI-Expanded)
- XXIX. **Theoretical and experimental characterization of Pr/Ce co-doped hydroxyapatites**
Ibrahimzade L., KAYĞILI Ö., DÜNDAR S., Ates T., Dorozhkin S. V., BULUT N., KÖYTEPE S., Ercan F., GÜRSES C., Hssain A. H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1240, 2021 (SCI-Expanded)
- XXX. **Voltammetric determination of alpha lipoic acid using chitosan-based polyurethane membrane electrode**
GÜNGÖR Ö., Kilic B., Karasurmeli T. S., Ozcan I., KÖYTEPE S.
MEASUREMENT, vol.182, 2021 (SCI-Expanded)
- XXXI. **Investigation of the effects of Ni-doping on the structural and thermal properties of ZnAl₂O₄ spinels prepared by wet chemical method**
Ercan F., Ates T., KAYĞILI Ö., BULUT N., KÖYTEPE S., Alahmari F., Ercan I., Hssain A. H.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.57, no.4, pp.1155-1162, 2021 (SCI-Expanded)
- XXXII. **Preparation and Characterization of Amino-Functionalized Zeolite/SiO₂ Materials for Trypsin-Chymotrypsin Co-immobilization**
Dogan D., Sezer S., Ulu A., KÖYTEPE S., ATEŞ B.
CATALYSIS LETTERS, vol.151, no.8, pp.2463-2477, 2021 (SCI-Expanded)
- XXXIII. **Development of Gum-Arabic-based polyurethane membrane-modified electrodes as voltammetric sensor for the detection of phenylalanine**
Alisik F., Burc M., Titretir Duran S., Güngör Ö., Cengiz M. A., Köytepe S.
POLYMER BULLETIN, vol.78, no.8, pp.4699-4719, 2021 (SCI-Expanded)
- XXXIV. **Synthesis and Stimuli-Responsive Properties of Metallo-Supramolecular Phosphazene Polymers Based on Terpyridine Metal Complexes**
Sezer S., KÖYTEPE S., GÜLTEK A., SEÇKİN T.
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