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International Researcher IDs

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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

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

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

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

Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2015 - 2017

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

Courses

Kimyacılar için matematik, Undergraduate, 2009 - 2010

Advising Theses

Köytepe S., Yüksek bariyer özellikli paketlenme 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 Polioksometalatlarda 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. **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)
- II. **Chronic and acute water-soluble microplastics uptake and effects on growth and reproduction of *Daphnia magna***
Gökçe D., Şeftalicioğlu D. M. , Aksoy Erden B., Köytepe S.
Water, Air, & Soil Pollution, vol.233, no.11, pp.1-18, 2022 (SCI-Expanded)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- 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. **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)
- XI. **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)
- XII. **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)

- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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, 2022 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- 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. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **Fabrication of Oleic Acid Grafted Starch-based Hybrid Carriers for l-Asparaginase Encapsulation**
Hafizosmanoglu G., Ulu A., KÖYTEPE S., ATEŞ B.
STARCH-STARKE, 2021 (SCI-Expanded)
- XXV. **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)

- XXVI. **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)
- XXVII. **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)
- XXVIII. **Determination of characterization, antibacterial and drug release properties of POSS- based film synthesized with sol-gel technique**
Acari I. K. , KÖYTEPE S., ATEŞ B., YILMAZ İ., SEÇKİN T.
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.6, pp.1774-1785, 2021 (SCI-Expanded)
- XXIX. **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, 2021 (SCI-Expanded)
- XXX. **Synthesis and Stimuli-Responsive Properties of Metallo-Supramolecular Phosphazene Polymers Based on Terpyridine Metal Complexes**
Sezer S., KÖYTEPE S., GÜLTEK A., SEÇKİN T.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, 2021 (SCI-Expanded)
- XXXI. **alpha-Amylase Immobilization on P(HEMA-co-PEGMA) Hydrogels: Preparation, Characterization, and Catalytic Investigation**
Dogan D., Ulu A., Sel E., KÖYTEPE S., ATEŞ B.
STARCH-STARKE, 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, 2021 (SCI-Expanded)
- XXXIII. **Preparation, characterization, and in vitro release study of vincristine sulfate-loaded chitosan-polyethylene glycol-oleic acid composites**
Bakmaz D., Ulu A., KÖYTEPE S., ATEŞ B.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, 2021 (SCI-Expanded)
- XXXIV. **Hydrothermal Synthesis of Polyoxometalate Containing Cobalt Ion, and Its Polyurethane Composites for Dielectric Material Applications**
Kucuk I., Vural S., Kivilcim N., Adiguzel I., KÖYTEPE S., SEÇKİN T.
POLYMER-PLASTICS TECHNOLOGY AND MATERIALS, vol.59, no.16, pp.1822-1841, 2020 (SCI-Expanded)
- XXXV. **Ce/Sm co-doped hydroxyapatites: synthesis, characterization, and band structure calculation**
KAYĞILI Ö., Vural G., KESER S., Yahia I. S. , BULUT N., Ates T., KÖYTEPE S., TEMÜZ M. M. , Ercan F., Ince T.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, 2020 (SCI-Expanded)
- XXXVI. **Chitosan/polypropylene glycol hydrogel composite film designed with TiO₂ nanoparticles: A promising scaffold of biomedical applications**
Ulu A., BİRHANLI E., KÖYTEPE S., ATEŞ B.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.163, pp.529-540, 2020 (SCI-Expanded)
- XXXVII. **Preparation of Molecularly Imprinted Electrochemical L-Phenylalanine Sensor with p-Toluene Sulfonic Acid Modified Pt Electrode**
Titretir Duran S., Köytepe S., Alışık F., Burç M.
Journal Of The Electrochemical Society, vol.167, no.16, pp.1-7, 2020 (SCI-Expanded)
- XXXVIII. **Preparation of hybrid PU/PCL fibers from steviol glycosides via electrospinning as a potential wound dressing materials**
Mehteroglu E., Cakmen A. B. , Aksoy B., Balcioglu S., KÖYTEPE S., ATEŞ B., YILMAZ İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.40, 2020 (SCI-Expanded)

- XXXIX. **Preparation of triaminotriazine-based polyimide-modified electrodes and their use for selective detection of catechin in green tea samples**
Duran S., Ayhan N., Aksoy B., Köytepe S., Paşahan A.
POLYMER BULLETIN, vol.77, no.10, pp.5065-5082, 2020 (SCI-Expanded)
- XL. **Preparation of the copper-based polyoxometalate/polyurethane composites and their dielectric properties**
Küçük İ., Vural S., Kivılcım N., Adıgüzel İ., KÖYTEPE S., SEÇKİN T.
POLYMERS & POLYMER COMPOSITES, vol.28, no.7, pp.473-483, 2020 (SCI-Expanded)
- XLI. **Chemistry, Structures, and Advanced Applications of Nanocomposites from Biorenewable Resources**
Ates B., Koytepe S., Ulu A., Gurses C., Thakur V.
CHEMICAL REVIEWS, vol.120, no.17, pp.9304-9362, 2020 (SCI-Expanded)
- XLII. **Effects of strontium - erbium co-doping on the structural properties of hydroxyapatite: An Experimental and theoretical study**
Mahmood B. K. , KAYĞILI Ö., Bulut N., Dorozhkin S., Ates T., KÖYTEPE S., GÜRSES C., Ercan F., Kebiroglu H., Agid R. S. , et al.
CERAMICS INTERNATIONAL, vol.46, no.10, pp.16354-16363, 2020 (SCI-Expanded)
- XLIII. **Assessing short-term effects of magnetite ferrite nanoparticles on *Daphnia magna***
Gökçe D., Köytepe S., Ozcan I.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2020 (SCI-Expanded)
- XLIV. **Investigation of the effects of Pr doping on the structural properties of hydroxyapatite: an experimental and theoretical study**
Agid R. S. , Kaygili O., Bulut N., Dorozhkin S., Ates T., KÖYTEPE S., ATEŞ B., Ercan I., Ince T., Mahmood B. K.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, 2020 (SCI-Expanded)
- XLV. **Comparative study of catalase immobilization via adsorption on P(MMA-co-PEG500MA) structures as an effective polymer support**
Sel E., Ulu A., ATEŞ B., KÖYTEPE S.
POLYMER BULLETIN, 2020 (SCI-Expanded)
- XLVI. **Preparation and characterization of amino and carboxyl functionalized core-shell Fe₃O₄/SiO₂ for L-asparaginase immobilization: A comparison study**
Noma S. A. A. , Ulu A., KÖYTEPE S., ATEŞ B.
BIOCATALYSIS AND BIOTRANSFORMATION, 2020 (SCI-Expanded)
- XLVII. **Simultaneous Electrochemical Detection of Estradiol and Testosterone Using Nickel Ferrite Oxide Doped Mesoporous Carbon Nanocomposite Modified Sensor**
Tanrikut E., Özcan I., Sel E., Koytepe S., Savan E.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.167, no.8, 2020 (SCI-Expanded)
- XLVIII. **Melatonin protects sperm cells of *Capoeta trutta* from toxicity of titanium dioxide nanoparticles**
Ozgun M. E. , Ulu A., Noma S. A. A. , Ozcan I., Balcioglu S., ATEŞ B., KÖYTEPE S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.15, pp.17843-17853, 2020 (SCI-Expanded)
- XLIX. **Laccase-conjugated thiolated chitosan-Fe₃O₄ hybrid composite for biocatalytic degradation of organic dyes**
Ulu A., BİRHANLI E., BORAN F., KÖYTEPE S., YEŞİLADA Ö., ATEŞ B.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.150, pp.871-884, 2020 (SCI-Expanded)
- L. **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, 2020 (SCI-Expanded)
- LI. **Production of abrasive apricot kernel shell powder/boron nitride/polyester composites for cleaning of paint and corrosion on metal surfaces**
BAHÇE E., DEMİREL M. H. , KÖYTEPE S., SEÇKİN T.
POLYMER COMPOSITES, vol.41, no.2, pp.544-555, 2020 (SCI-Expanded)
- LII. **Development of voltammetric sensor based on polyimide-MWCNT composite membrane for rapid and highly sensitive detection of paracetamol**

Burc M., KÖYTEPE S., TİTRETİR DURAN S., Ayhan N., Aksoy B., SEÇKİN T.
MEASUREMENT, vol.151, 2020 (SCI-Expanded)

- LIII. **Biomimetic approach to tunable adhesion of polyurethane adhesives through Fe³⁺ crosslinking and hydrophobic tween units with balance of adhesion/cohesion forces**
ATEŞ B., KÖYTEPE S., Balcioglu S., Karaaslan M. G. , Kelestemur U., Gulgen S., ÖZHAN O.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.95, 2019 (SCI-Expanded)
- LIV. **Differential Pulse Voltammetric (DPV) Determination of the Local Anesthetic Bupivacaine using Polyimide Membrane-Based Electrodes**
GÜNGÖR Ö., Ozcan I., ERDOĞAN M. A. , ATEŞ B., KÖYTEPE S.
ANALYTICAL LETTERS, vol.53, no.2, pp.228-244, 2019 (SCI-Expanded)
- LV. **Structural and thermal properties of Zn-containing magnesium aluminate spinels obtained by wet chemical method**
KAYĞILI Ö., BULUT N., Ates T., Ercan I., KÖYTEPE S., SEÇKİN T., TATAR C., GÜNDÜZ B., Kebiroglu H.
MATERIALS SCIENCE-POLAND, vol.37, no.2, pp.238-243, 2019 (SCI-Expanded)
- LVI. **The effects of gamma irradiation on dielectric properties of Ag/Gd co-doped hydroxyapatites**
KAYĞILI Ö., KESER S., Selcuk A. B. , BULUT N., KÖYTEPE S., Yahia I. S. , Ates T.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, no.11, pp.10443-10453, 2019 (SCI-Expanded)
- LVII. **Investigation of toxic effects of amorphous SiO₂ nanoparticles on motility and oxidative stress markers in rainbow trout sperm cells**
Ozgur M. E. , Ulu A., Ozcan I., Balcioglu S., ATEŞ B., KÖYTEPE S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, no.15, pp.15641-15652, 2019 (SCI-Expanded)
- LVIII. **Chloro-Modified Magnetic Fe₃O₄@MCM-41 Core-Shell Nanoparticles for L-Asparaginase Immobilization with Improved Catalytic Activity, Reusability, and Storage Stability**
Ulu A., Noma S. A. A. , KÖYTEPE S., ATEŞ B.
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.187, no.3, pp.938-956, 2019 (SCI-Expanded)
- LIX. **Development of gallic acid sensors based on polyimide-modified platinum electrode**
PAŞAHAN A., AYHAN N., OZCAN I., DURAN S., KÖYTEPE S.
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