

Prof. Müberra Andaç

Personal Information

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International Researcher IDs

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Education Information

Doctorate, University of Aberdeen, Chemistry, England 1993 - 1997

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1990 - 1993

Undergraduate, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1986 - 1990

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Leaching of Cement Stabilised Solid Waste, University of Aberdeen, Chemistry, 1997

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2011 - Continues

Associate Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2011

Assistant Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1999 - 2006

Research Assistant, Ondokuz Mayıs University, Eğitim Fakültesi, 1990 - 1999

Courses

Enstrümental Analiz I, Undergraduate, 2016 - 2017, 2013 - 2014

Modern Titrasyon Teknikleri, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Enstrümental Analiz II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Çevre Kirliliği ve Analiz Teknikleri, Postgraduate, 2016 - 2017, 2014 - 2015, 2012 - 2013, 2010 - 2011
Flow – Injection Analysis I, Doctorate, 2016 - 2017
Sensörler ve Kullanım Alanları, Undergraduate, 2015 - 2016, 2014 - 2015, 2012 - 2013
Biosensors and Application Areas, Postgraduate, 2015 - 2016
Surface Science and Technology, Postgraduate, 2015 - 2016, 2014 - 2015
Çevre Kirliliği ve Analiz Teknikleri, Undergraduate, 2015 - 2016, 2011 - 2012
Membrane Processes, Doctorate, 2015 - 2016, 2014 - 2015
Elektrokimyasal Sensörler, Postgraduate, 2015 - 2016
Çevre Kirliliği ve Analiz Tek, Postgraduate, 2015 - 2016
Analitik Kimya II, Undergraduate, 2014 - 2015, 2012 - 2013, 2011 - 2012
Kromatografi I, Postgraduate, 2014 - 2015
Örnek Alma ve Hazırlama, Undergraduate, 2014 - 2015
Elektrokimya, Undergraduate, 2014 - 2015
Coating tribology, Doctorate, 2014 - 2015
Analitik Kimya I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Kimyada son gelişmeler, Undergraduate, 2014 - 2015, 2010 - 2011
Analitik Kimya Lab I, Undergraduate, 2013 - 2014
Çevre Kir. Ve Analiz Teknikleri, Postgraduate, 2013 - 2014
Çevredeki Metaller ve Met Türlemesi, Doctorate, 2013 - 2014
Çevre <kirliliği ve Analiz Teknikleri, Postgraduate, 2012 - 2013
Genel Kimya I, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
Analitik Kimya Laboratuvarı I, Undergraduate, 2012 - 2013, 2011 - 2012
Biyoteknoloji, Undergraduate, 2012 - 2013
Kromatografiye Giriş , Undergraduate, 2012 - 2013
Kromatografi , Postgraduate, 2012 - 2013
Genel Kimya II, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
Mesleki İngilizce II, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
Biyokimya Laboratuvarı, Undergraduate, 2012 - 2013, 2011 - 2012
Kalite Kontrol, Undergraduate, 2011 - 2012
Yüksek Basınç Sıvı Kromatografi, Doctorate, 2011 - 2012
Susuz Ortam Reaksiyonları, Undergraduate, 2011 - 2012
Analitik Kimya Laboratuvarı II, Undergraduate, 2010 - 2011
Mesleki İngilizce I, Undergraduate, 2010 - 2011
Bilgisayar Programlama I, Undergraduate, 2010 - 2011
Analitik Kimya Laboratuvarı I, Postgraduate, 2010 - 2011
Susuz Ortam reaksiyonları, Doctorate, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Highly efficient degradation of basic dyes using gold-coated nature-based supermagnetic iron oxide nanoparticles as eco-friendly nanocatalysts**
Matar G. H., Andaç M.
Environmental Science and Pollution Research, vol.31, no.17, pp.24894-24912, 2024 (SCI-Expanded)
- II. **Self-healable and conductive mussel inspired PVA/borax@PDA-LiTFSI hydrogel-based self-adhesive for human motion sensor**
Kaymazlar E., Dikbas C., Matar G. H., Andaç Ö., Andaç M.
POLYMER BULLETIN, 2024 (SCI-Expanded)
- III. **Fabrication and Investigation of Oxidized- β -Cyclodextrin Nanoparticle as a Novel Class pH Responsive Drug Delivery Vehicle**
Bergal A., Andaç M.

JOURNAL OF POLYMERS AND THE ENVIRONMENT, 2023 (SCI-Expanded)

- IV. **Detailed investigation and influence of oxidation degree on synthesis, characterization and antibacterial activity of 13-cyclodextrin**
Bergal A., Andaç M.
CARBOHYDRATE RESEARCH, vol.533, 2023 (SCI-Expanded)
- V. **Novel Binary Blended Hydrogel Films (Chitosan-Vanillin Schiff Base/Locust Bean Gum and Fe(III), Cu(II) & Zn(II) Complexes): Synthesis, Characterization, Conductivity, and Antibacterial Activity**
Matar G. H., Kaymazlar E., Andaç M., Andaç Ö.
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.31, no.8, pp.3509-3521, 2023 (SCI-Expanded)
- VI. **Green synthesis of iron oxide nanoparticles using brown Egyptian propolis extract for evaluation of their antibacterial activity and degradation of dyes**
Matar G. H., Andaç M.
Inorganic Chemistry Communications, vol.153, 2023 (SCI-Expanded)
- VII. **The structural and ionic conductivity analysis of poly(ethylene oxide)/LiTFSI/MOF-5 nanocomposite electrolytes by using molecular dynamics simulations**
Ozlek M., BURGAZ E., İnanc İ., Andaç M.
IONICS, vol.28, no.7, pp.3255-3268, 2022 (SCI-Expanded)
- VIII. **Synthesis and characterization of nano-sized magnesium 1,4-benzenedicarboxylate metal organic framework via electrochemical method**
Erciyes A., Andaç M.
JOURNAL OF SOLID STATE CHEMISTRY, vol.309, 2022 (SCI-Expanded)
- IX. **Locust bean gum-polyvinyl alcohol hydrogels: Synthesis, characterization, swelling behaviors, and mathematical models**
Matar G. H., Andaç M., Elmas A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.139, no.3, 2022 (SCI-Expanded)
- X. **Antibacterial efficiency of silver nanoparticles-loaded locust bean gum/polyvinyl alcohol hydrogels**
Matar G. H., Andaç M.
POLYMER BULLETIN, vol.78, no.11, pp.6095-6113, 2021 (SCI-Expanded)
- XI. **Enhanced Analytic Approach for Describing pH Triggered Fast Drug Release Systems**
Elmas A., Akyuz G., Bergal A., Andaç M., Andaç Ö.
CURRENT DRUG DELIVERY, vol.18, no.8, pp.1118-1124, 2021 (SCI-Expanded)
- XII. **DETERMINATION OF ANTIBACTERIAL PROPERTIES OF SILVER NANOPARTICLES WITH AQUEOUS EXTRACTS OF BRASSICA OLERACEA L. VAR. ACEPHALA DC IN COTTON TEXTILES**
BURGAZ E., Sezener M. G., Dikbas C., Ceylan A. K., Andaç M., Çiftci A.
JOURNAL OF ELEMENTOLOGY, vol.26, no.2, pp.447-462, 2021 (SCI-Expanded)
- XIII. **Synthesis and characterization of nano-sized metal organic framework-5 (MOF-5) by using consecutive combination of ultrasound and microwave irradiation methods**
BURGAZ E., Erciyes A., Andaç M., Andaç Ö.
INORGANICA CHIMICA ACTA, vol.485, pp.118-124, 2019 (SCI-Expanded)
- XIV. **A new Co(III) complex of Schiff base derivative for electrochemical recognition of nitrite anion**
Yilmaz H., KOÇAK A., Dilimulati M., ZORLU Y., Andaç M.
JOURNAL OF CHEMICAL SCIENCES, vol.129, no.10, pp.1559-1569, 2017 (SCI-Expanded)
- XV. **A novel spectrophotometric method for the determination of copper ion by using a salophen ligand, N,N'-disalicylidene-2,3-diaminopyridine**
Babayeva K., DEMİR S., Andaç M.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.11, no.5, pp.808-814, 2017 (SCI-Expanded)
- XVI. **Flow Injection Potentiometric Determination of Silver(I) in Photographic Film Developing Solution Samples by Polyvinylchloride Membrane Silver(I) Selective Electrode**
Topcu C., Çoldur F., Andaç M., Cubuk O., Kanberoğlu G., Çağlar B., Işıldak İ.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.38, no.5, pp.882-888, 2016 (SCI-Expanded)
- XVII. **Rapid determination of trace level copper in tea infusion samples by solid contact ion selective**

electrode

Birinci A., Eren H., ÇOLDUR F., Coskun E., Andaç M.

JOURNAL OF FOOD AND DRUG ANALYSIS, vol.24, no.3, pp.485-492, 2016 (SCI-Expanded)

- XVIII. Spectral and thermal characterization of salophen type Schiff base and its implementation as solid contact electrode for quantitative monitoring of copper(II) ion**
DEMİR S., Yilmaz H., Dilimulati M., Andaç M.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.150, pp.523-532, 2015 (SCI-Expanded)
- XIX. Potentiometric monitoring of cobalt in beer sample by solid contact ion selective electrode**
Eren H., Uzun H., Andaç M., Bilir S.
JOURNAL OF FOOD AND DRUG ANALYSIS, vol.22, no.4, pp.413-417, 2014 (SCI-Expanded)
- XX. An efficient ab initio DFT and PCM assessment of the potentiometric selectivity of a salophen type Schiff base**
Demir S., Yilmaz H., Dilimulati M., Andaç M.
JOURNAL OF MOLECULAR MODELING, vol.20, no.6, 2014 (SCI-Expanded)
- XXI. Solid-contact polyvinyl chloride membrane electrode based on the bis[(2-(hydroxyethylimino)phenolato)copper(II) complex for trace level determination of copper ions in wastewater**
Andaç M., ÇOLDUR F., Bilir S., Birinci A., Demir S., Uzun H.
CANADIAN JOURNAL OF CHEMISTRY, vol.92, no.4, pp.324-328, 2014 (SCI-Expanded)
- XXII. A Flow-Injection Potentiometric System for Selective and Sensitive Determination of Serum Lithium Level**
ÇOLDUR F., Andaç M.
ELECTROANALYSIS, vol.25, no.3, pp.732-740, 2013 (SCI-Expanded)
- XXIII. Calibration of a Potentiometric Multi-Sensor Array for the Determination of Na⁺, K⁺ and NH₄⁺ Ions by Using Artificial Neural Networks**
ÇOLDUR F., Andaç M.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.9, pp.3859-3864, 2012 (SCI-Expanded)
- XXIV. Determination of Nitrate in Leafy Vegetables by Flow Injection Analysis with Potentiometric Detection**
Andaç M., Eren H., ÇOLDUR F.
JOURNAL OF FOOD AND DRUG ANALYSIS, vol.19, no.4, pp.457-462, 2011 (SCI-Expanded)
- XXV. All-Solid-State Polyvinyl Chloride Membrane Lithium-Selective Electrode with Improved Selectivity and Its Application in Serum Lithium Assay**
Coldur F., Andaç M.
SENSOR LETTERS, vol.9, no.5, pp.1738-1744, 2011 (SCI-Expanded)
- XXVI. Ag⁺-selective poly(vinyl chloride) Membrane Electrode Based on [N,N'-ethylenebis-(3-methoxy salicylaldimine)]**
Topcu C., Coldur F., Andaç M., İŞILDAK İ., Senyuz N., Bati H.
CURRENT ANALYTICAL CHEMISTRY, vol.7, no.2, pp.136-145, 2011 (SCI-Expanded)
- XXVII. Ag⁺-selective poly(vinyl chloride) membrane electrode based on [N,N' - ethylenebis-(3-methoxy salicylaldimine)]**
Topcu C., Coldur F., Andaç M., İŞILDAK İ., Senyuz N., Bati H.
Current Analytical Chemistry, vol.7, no.2, pp.136-145, 2011 (SCI-Expanded)
- XXVIII. Flow-injection potentiometric applications of solid state Li⁺ selective electrode in biological and pharmaceutical samples**
ÇOLDUR F., Andaç M., İŞILDAK İ.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.14, no.12, pp.2241-2249, 2010 (SCI-Expanded)
- XXIX. Flow injection spectrofluorimetric determination of iron(III) in water using salicylic acid**
Asan A., Andaç M., İŞILDAK İ.
CHEMICAL PAPERS, vol.64, no.4, pp.424-428, 2010 (SCI-Expanded)

- XXX. **A simple flow injection spectrophotometric determination method for iron(III) based on O-acetylsalicylhydroxamic acid complexation**
 Andaç M., Asan A., İŞILDAK İ.
 CHEMICAL PAPERS, vol.63, no.3, pp.268-273, 2009 (SCI-Expanded)
- XXXI. **A micro-sized PVC membrane Li⁺-selective electrode without internal filling solution and its medical applications**
 ÇOLDUR F., Andaç M., İŞILDAK İ., Saka T.
 JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.626, no.1-2, pp.30-35, 2009 (SCI-Expanded)
- XXXII. **Flow injection spectrophotometric determination of iron(III) using diphenylamine-4-sulfonic acid sodium salt**
 Asan A., Andaç M., İŞILDAK İ., TINKİLİÇ N.
 CHEMICAL PAPERS, vol.62, no.4, pp.345-349, 2008 (SCI-Expanded)
- XXXIII. **A Simple flow-injection spectrofluorimetric method for the determination of mercury**
 Andaç M., Asan A., Tinkilic N., İŞILDAK İ.
 JOURNAL OF FLUORESCENCE, vol.17, no.4, pp.401-405, 2007 (SCI-Expanded)
- XXXIV. **Application of a new pH-sensitive electrode as a detector in flow injection potentiometry**
 Kahlert H., Porksen J., İŞILDAK İ., Andaç M., Yolcu M., Behnert J., Scholz F.
 ELECTROANALYSIS, vol.17, no.12, pp.1085-1090, 2005 (SCI-Expanded)
- XXXV. **Spectrofluorometric determination of mercury(II) with murexide**
 Andaç M., Asan A., İŞILDAK İ.
 JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.33, no.8, pp.599-603, 2003 (SCI-Expanded)
- XXXVI. **A simple and selective flow-injection spectrophotometric determination of copper(II) by using acetylsalicylhydroxamic acid**
 Asan A., İŞILDAK İ., Andaç M., YILMAZ F.
 TALANTA, vol.60, no.4, pp.861-866, 2003 (SCI-Expanded)
- XXXVII. **Flow-injection spectrophotometric determination of nanogram levels of iron(III) with N,N-dimethylformamide**
 Asan A., Andaç M., İŞILDAK İ.
 ANALYTICAL SCIENCES, vol.19, no.7, pp.1033-1036, 2003 (SCI-Expanded)
- XXXVIII. **Spectrophotometric flow-injection analysis of mercury(II) in pharmaceuticals with p-nitrobenzoxosulfamate**
 Andaç M., Asan A., Bekdemir Y., Kutuk H., İŞILDAK İ.
 TALANTA, vol.60, no.1, pp.191-197, 2003 (SCI-Expanded)
- XXXIX. **Flow-injection spectrophotometric determination of cobalt(II) at low µg l⁻¹ levels with 4-benzylpiperidinedithiocarbamate**
 Andaç M., Asan A., İŞILDAK İ., Cesur H.
 Analytica Chimica Acta, vol.434, no.1, pp.143-147, 2001 (SCI-Expanded)
- XL. **Flow-injection spectrophotometric determination of copper(II) ion at low µg L⁻¹ levels using 4-benzylpiperidinedithiocarbamate**
 Asan A., Andaç M., İŞILDAK İ.
 Analytical Sciences, vol.17, no.9, pp.1125-1127, 2001 (SCI-Expanded)
- XLI. **Spectrophotometric determination of copper(II) at low µg 1-1 levels using cation-exchange microcolumn in flow-injection**
 İŞILDAK İ., Asan A., Andaç M.
 Talanta, vol.48, no.1, pp.219-224, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Synthesis, Functions and Mechanisms of Action of the Silver Nanoparticles and Their Uses in the Processing and Preservation of Meat and Meat Products**

Akyüz G., Bıyık Ş., Soyocak H., Andaç M., Turhan S.

TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.11, no.9, pp.1768-1783, 2023 (Peer-Reviewed Journal)

- II. **Use of Silver Nanoparticles Loaded Locust Bean Gum Coatings to Extend the Shelf-Life of Fruits**
Akyuz G., Kaymazlar E., AY H., Andaç M., Andaç Ö.
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.13, no.3, 2023 (ESCI)
- III. **An Investigation of Green Synthesis of Silver Nanoparticles Using Turkish Honey Against Pathogenic Bacterial Strains**
Matar G. H., Akyuz G., Kaymazlar E., Andaç M.
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.13, no.2, 2023 (ESCI)
- IV. **Green synthesis of silver nanoparticles using common poppy (Papaver rhoeas L.) and evaluation of their potential antibacterial activity „Zelena“sintheza nanočestica srebra uporabom maka turčinaka (Papaver rhoeas L.) i procjena njihovog potencijalnog antibakterijskog učinka**
Dikbas C., Yavuz O., AY H., Andaç M.
Veterinarska Stanica, vol.54, no.1, 2023 (Scopus)
- V. **Olive and green tea leaf extracts mediated green synthesis of silver nanoparticles (AgNPs): comparison investigation on characterizations and antibacterial activity**
Bergal A., Matar G. H., Andaç M.
BIONANOSCIENCE, vol.12, no.2, pp.307-321, 2022 (ESCI)
- VI. **Evaluation of nano sized Mg@BTC metal organic framework as a drug carrier: A long term experimental and predictive theoretical study**
Akyüz G., Elmas A., Andaç M., Andaç Ö.
Research on Engineering Structures and Materials, vol.7, no.1, pp.135-156, 2021 (Scopus)
- VII. **Nanosponges (Nss): Using as a nanocarrier for anti cancer drug delivery applications**
Bergal A., Andaç M.
Acta Pharmaceutica Scientia, vol.59, no.2, pp.305-319, 2021 (Scopus)
- VIII. **Mathematical modelling of drug release**
Elmas A., Akyüz G., Bergal A., Andaç M., Andaç Ö.
Research on Engineering Structures and Materials, vol.6, no.4, pp.327-350, 2020 (Scopus)
- IX. **Metiltrioktilamonyum klorür temelli potansiyometrik perklorat-seçici PVC-membran sensör**
ÇOLDUR F., ÖNDER A., ANDAÇ M.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.33, no.1, pp.1-9, 2017 (Peer-Reviewed Journal)
- X. **Flow injection potentiometric determination of silver ı in photographic film developing solution samples by polyvinylchloride membrane silver ı selective electrode**
Topcu C., ÇOLDUR F., ANDAÇ M., cubuk o., kanberoğlu saydan g., caglar B., IŞILDAK İ.
Journal of the chemical society of Pakistan, vol.38, pp.881-888, 2016 (Scopus)
- XI. **A new type of Fe₂O₃ based silicone composite pH electrode and potentiometric applications**
Ozturk S., IŞILDAK İ., ATTAR A., Andaç M.
Sensor Letters, vol.13, no.5, pp.393-397, 2015 (Scopus)
- XII. **Potentiometric application of solid contact nitrate selectiveelectrode in leafy vegetables**
ANDAÇ M., EREN H.
Chemical Sensors, vol.1, no.5, pp.1-6, 2011 (Peer-Reviewed Journal)
- XIII. **Heavy Metal concentrations in the Sea Snail Rapana venosa Valenciennes 1846 from Sinop coast of the Black Sea**
BAT L., GÜNLÜGÜR G., ANDAÇ M., ÖZTÜRK M., ÖZTÜRK M.
Turkish Journal of Marine Science, vol.6, pp.227-240, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Nanopartiküllerin Genel Özellikleri, Sentez ve Karakterizasyon Teknikleri**

Refereed Congress / Symposium Publications in Proceedings

- I. **Antibacterial Efficiency of Silver Nanoparticles Loaded LBG/PVA hydrogels**
ANDAÇ M., Matar G. H., Dikbaş C.
2. Uluslararası 19 Mayıs Yenilikçi Bilimsel yaklaşımlar kongresi, 29 December 2019
- II. **Synthesis and characterizations of hydrogels containing locust bean gum and polyvinyl alcohol**
ANDAÇ M., Matar G. H.
2. Uluslararası 19 Mayıs yenilikçi bilimsel yaklaşımlar kongresi, 27 - 29 December 2019
- III. **COMPARISON OF CHITOSAN BASED HYDROGELS OBTAINED WITH DIFFERENT PREPARATION METHODS**
YİĞİTER M., ANDAÇ M.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- IV. **INVESTIGATION OF THE USAGE OF QUINCE SEED GEL IN HYDROGEL PRODUCTION**
YİĞİTER M., ANDAÇ M.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Turkey, 27 - 29 December 2019
- V. **THE EFFECTS OF MIXING TIME ON THE PROPERTIES OF CHITOSAN/PEG HYDROGEL**
YİĞİTER M., ANDAÇ M.
4th International Porous and Powder Materials Symposium and Exhibition PPM 2019, Turkey, 9 - 11 October 2019
- VI. **STRUCTURE-PROPERTY RELATIONSHIPS OF POLY (ETYLENE OXIDE) NANOCOMPOSITE ELECTROLYTES CONSISTING OF COPPER-BASED METAL ORGANIC FRAMEWORKS**
BURGAZ E., ERCİYES A., ANDAÇ M., ANDAÇ Ö.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.268-276
- VII. **ELECTROCHEMICAL SYNTHESIS OF COPPER BASED NANO-SIZED METAL ORGANIC FRAMEWORKS BY USING DIFFERENT ORGANIC LIGANDS**
BURGAZ E., ERCİYES A., ANDAÇ M., ANDAÇ Ö.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.257-267
- VIII. **ELEKTROSPİN YÖNTEMİ KULLANILARAK POLİETİLEN OKSİT/ KİL/ SİLİKA POLİMER NANOKOMPOZİT MEMBRANIN SENTEZİ VE KARAKTERİZASYONU**
HAMZAYEV V., BURGAZ E., ANDAÇ M.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.559-563
- IX. **İnvestigation of using Plant Extract Hydrogel Wound Dressing Applications**
ANDAÇ M., YİĞİTER M.
ICONTRENDS, Italy, 4 - 06 September 2018
- X. **Preparation of polymer electrolyte films using two different types of ionic liquids**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö.
The International Conference on Materials Science Mechanical and Automation Engineerings and Technology (IMSMATEC'18) in Çeşme/İzmir April 10-12 2018, İzmir, Turkey, 10 - 12 April 2018
- XI. **Preparation and characterization of PEO based polymer electrolyte membranes containing a new ionic liquid**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö.
The International Conference on Materials Science Mechanical and Automation Engineerings and Technology (IMSMATEC'18) in Çeşme/İzmir April 10-12 2018, İzmir, Turkey, 10 - 12 April 2018
- XII. **MULTİVARIATE OPTİMİZATİON OF COPPER DETERMİNATİON BY FLOW-İNJECTİON POTENTİOMETRİC SYSTEM**
Hamzayev V., ANDAÇ M., ERİLLİ N. A.
International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 November 2017
- XIII. **Development of new spectrophotometric method for the determination of copper(II)**

Omarova S., DEMİR S., ANDAÇ M.

Sempozyum, 29 September - 01 October 2017

- XIV. **Preparation and characterization of nano-sized Mg-based metal organic frameworks by using the electrochemical method**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö., kendirlioğlu c.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017
- XV. **Preparation and characterization of nano-sized copper based metal organic frameworks by using the electrochemical method**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö.
3rd International Porous and Powder Materials Symposium and Exhibition (PPM 2017), Aydın, Turkey, 12 - 15 September 2017
- XVI. **Synthesis and characterization of different types of nanosized metal organic frameworks and their applications to polymer nanocomposites**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö., kendirlioğlu c.
2nd International Defense Industry Symposium, Kırıkkale, Turkey, 6 - 08 April 2017
- XVII. **THE IMPLEMENTATION OF SALOPHEN TYPE SCHIFF BASE FOR ANALYTICAL MONITORING OF COPPER ION IN ENVIRONMENTAL SAMPLES**
DEMİR S., Dilimulati M., Babayeva K., ANDAÇ M.
1st INTERNATIONAL BLACK SEA CONGRESS ON ENVIRONMENTAL SCIENCES (IBCESS), 31 August - 03 September 2016
- XVIII. **Fe³⁺ İyonlarının Akış Enjeksiyon Sisteminde Spektroflorometrik Tayini**
ASAN A., ANDAÇ M., TINKILIÇ N.
23. Ulusal Kimya Kongresi, Sivas 2009, Sivas, Turkey, 16 - 20 June 2009
- XIX. **Heavy metal levels in some fish and mollusca from Sinop Peninsula of the southern Black Sea, Turkey**
TÜRK ÇULHA S., BATI L., ÇULHA M., Efendioğlu A., ANDAÇ M., BATI B.
xxVIIIe Congres Assamblee Pleniére de la CIESM, 9 - 13 April 2007
- XX. **Novel pH and Ammonium Sensors for Potentiometric Biosensor Design and Construction**
İŞILDAK İ., ÇUBUK O., TINKILIÇ N., SARIBOĞA B., ANDAÇ M., YOLCU M.
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Supported Projects

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