

## Prof. EBRU KONDOLOT SOLAK



### Personal Information

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### International Researcher IDs

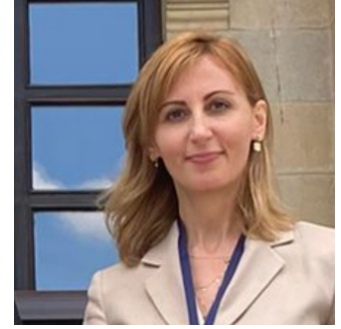
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ScopusID: 23490823500

Yoksis Researcher ID: 121475



### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2001 - 2005

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1998 - 2000

Undergraduate, Erciyes University, Fen-Edebiyat Fakültesi, Kimya Pr., Turkey 1994 - 1998

### Dissertations

Doctorate, Dimetilformamit/su karışımlarının sodyum aljinat, sodyum aljinat/poli (vinil piroolidon) ve (N-vinil-2-piroolidon)-aşı-(sodyum aljinat) membranlar kullanılarak ayrılması, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2005

### Research Areas

Chemical Engineering and Technology, Chemistry

### Academic Titles / Tasks

Professor, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2023 - Continues

Associate Professor, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2017 - 2023

Assistant Professor, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri Bölümü, 2015 - 2017

Assistant Professor, Gazi University, Atatürk Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2009 - 2017

Lecturer PhD, Gazi University, Atatürk Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2006 - 2009

Research Assistant, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1999 - 2001

## Academic and Administrative Experience

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2023 - Continues  
Birim Kalite Komisyonu Başkanı, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2023 - 2023  
Assistant Director of Vocational School, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri Bölümü, 2021 - 2022  
Head of Department, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2020 - 2022  
Meslek Yüksekokulu Kurulu Üyesi, Gazi University, Teknik Bilimler Meslek Yüksekokulu, 2020 - 2022  
Head of Department, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Malzeme ve Malzeme İşleme Teknolojileri Bölümü, 2020 - 2021  
Meslek Yüksekokulu Yönetim Kurulu Üyesi, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri Bölümü, 2016 - 2019  
Gazi University, Teknik Bilimler Meslek Yüksekokulu, 2015 - 2016  
Gazi University, Atatürk Meslek Yüksekokulu, 2010 - 2016  
Gazi University, Atatürk Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2009 - 2012

## Courses

Membran Prosesleri, Doctorate, 2022 - 2023  
Polimerik Malzeme Bilgisi, Doctorate, 2022 - 2023  
Fizikokimya, Associate Degree, 2022 - 2023  
General Chemistry, Undergraduate, 2018 - 2019  
Polimer-I, Associate Degree, 2016 - 2017  
KAUÇUK MALZEMELER, Associate Degree, 2016 - 2017  
LASTİK VE PLASTİK KATKI MALZEMELERİ, Associate Degree, 2016 - 2017  
Polimer Kimyası Laboratuvarı, Associate Degree, 2016 - 2017  
Laboratuvar Güvenliği ve Teknikleri, Associate Degree, 2016 - 2017  
MEMBRAN PROSESLERİ, Postgraduate, 2016 - 2017

## Advising Theses

Kondolot Solak E., Development and characterization of biopolymer materials suitable for controlled release of antiviral drugs, Doctorate, S.Songül(Student), Continues  
Kondolot Solak E., Controlled release of phytotherapeutic-doped cancer drugs from biocompatible polymers, Doctorate, S.Kaya(Student), Continues  
KONDOLOT SOLAK E., Controlled Release Of Ketorolac Tromethamine From Biocompatible Polymer Microsphere Systems, Postgraduate, S.KAYA(Student), 2019  
KONDOLOT SOLAK E., Controlled Release Of Theophylline From Poly(Vinyl Alcohol)/Carboxymethyl Cellulose Microspheres, Postgraduate, N.ÇİÇEK(Student), 2019  
KONDOLOT SOLAK E., Controlled release of ketorolac tromethamine from carboxymethyl cellulose/poly (vinyl alcohol) microspheres, Postgraduate, A.ER(Student), 2014

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

- I. **Enhancing industrial wastewater treatment: Magnetite-embedded matrix membrane for efficient tetrahydrofuran separation by pervaporation and vapor permeation techniques**  
Kondolot Solak E., Kaya S.  
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.45, pp.1-11, 2024 (SCI-Expanded)
- II. **Designing of Polymeric Nanoparticles for Enhanced Breast Cancer Therapy: Combining Paclitaxel, Boric Acid and Tannic Acid for Controlled Drug Delivery**  
Kaya S., Kondolot Solak E., Yiyit Doğan S., Demirkaya A., Sağdıçoğlu Celep A. G.  
CHEMISTRYSELECT, vol.9, no.7, 2024 (SCI-Expanded)
- III. **Quercetin-loaded sodium alginate/collagen/h-boron nitride potential wound dressings prepared using the Box-Behnken experimental design**  
Cakici G., Kaya S., Dogan S., Kondolot Solak E.  
BIOTECHNOLOGY JOURNAL, vol.19, no.1, 2024 (SCI-Expanded)
- IV. **Preparation of biocompatible microsphere-cryogel composite system and controlled release of mupirocin**  
Yavuz B., Kondolot Solak E., Oktar C.  
International Journal of Polymeric Materials and Polymeric Biomaterials, vol.73, no.5, pp.354-361, 2024 (SCI-Expanded)
- V. **Advances in organic photovoltaic cells: a comprehensive review of materials, technologies, and performance**  
Kondolot Solak E., Irmak E.  
RSC ADVANCES, vol.13, no.18, pp.12244-12269, 2023 (SCI-Expanded)
- VI. **Controlled release of theophylline from ethyl cellulose coated PVA/NaCMC-theophylline microspheres**  
Kirkayak N. C., Kondolot Solak E.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.72, no.11, pp.825-833, 2023 (SCI-Expanded)
- VII. **Development of ketorolac tromethamine loaded biocompatible polymeric microspheres and matrix films: designing for topical application**  
Kaya S., Kondolot Solak E.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.72, no.17, pp.1329-1339, 2023 (SCI-Expanded)
- VIII. **Antioxidant and anticancer activities of gallic acid loaded sodium alginate microspheres on colon cancer**  
Sağdıçoğlu Celep A. G., Demirkaya A., Solak E.  
CURRENT APPLIED PHYSICS, vol.40, pp.30-42, 2022 (SCI-Expanded)
- IX. **Preparation, characterization, and antibacterial properties of biocompatible material for wound healing**  
KONDOLOT SOLAK E., KAYA S., ASMAN G.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.58, no.10, pp.709-716, 2021 (SCI-Expanded)
- X. **Starch-Based Membranes for Controlled Release of 5-Fluorouracil In Vitro**  
Berkkan A., Kondolot Solak E., Asman G.  
CHEMISTRYSELECT, vol.6, no.23, pp.5678-5684, 2021 (SCI-Expanded)
- XI. **Controlled release of huperzine-A from biocompatible copolymer microspheres**  
KONDOLOT SOLAK E., ASMAN G., MUHAMMET S. M.  
BULLETIN OF MATERIALS SCIENCE, vol.42, no.2, 2019 (SCI-Expanded)
- XII. **Preparation of magnetite-chitosan/methylcellulose nanospheres by entrapment and adsorption techniques for targeting the anti-cancer drug 5-fluorouracil**  
Sanli O., Kahraman A., KONDOLOT SOLAK E., Olukman M.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.3, pp.950-959, 2016 (SCI-Expanded)
- XIII. **pH-sensitive interpenetrating polymer network microspheres of poly(vinyl alcohol) and**

**carboxymethyl cellulose for controlled release of the nonsteroidal anti-inflammatory drug ketorolac tromethamine**

KONDOLOT SOLAK E., Er A.

ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.3, pp.817-824, 2016 (SCI-Expanded)

- XIV. **Synthesis of magnetite in poly(vinyl alcohol) matrix and its use in separation of acetone/water mixtures via pervaporation, vapor permeation with and without temperature difference methods**  
Olukman M., Sanli O., KONDOLOT SOLAK E.  
VACUUM, vol.120, pp.107-115, 2015 (SCI-Expanded)
- XV. **Separation characteristics of acetone/water mixtures through sodium alginate/poly(vinyl pyrrolidone) membranes by vapor permeation and vapor permeation with temperature difference methods**  
KONDOLOT SOLAK E., Kahya S., Sanli O.  
DESALINATION AND WATER TREATMENT, vol.31, pp.291-295, 2011 (SCI-Expanded)
- XVI. **Sodium alginate/poly(vinyl alcohol) alloy membranes for the pervaporation, vapour permeation and vapour permeation with temperature difference separation of dimethylformamide/water mixtures: A comparative study**  
Kahya S., KONDOLOT SOLAK E., Sanli O.  
VACUUM, vol.84, no.9, pp.1092-1102, 2010 (SCI-Expanded)
- XVII. **Use of Sodium Alginate-Poly(vinyl pyrrolidone) Membranes for Pervaporation Separation of Acetone/Water Mixtures**  
KONDOLOT SOLAK E., Sanli O.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.45, no.10, pp.1354-1362, 2010 (SCI-Expanded)
- XVIII. **Controlled Release of Naproxen from Sodium Alginate and Poly(vinyl alcohol)/Sodium Alginate Blend Beads Crosslinked with Glutaraldehyde**  
Sanli O., Solak E.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.112, no.4, pp.2057-2065, 2009 (SCI-Expanded)
- XIX. **Permeation and separation characteristics of dimethylformamide/water mixtures by vapor permeation and vapor permeation with temperature difference methods through a sodium alginate-g-n-vinyl-2-pyrrolidone membrane**  
KONDOLOT SOLAK E., Sanli O.  
DESALINATION AND WATER TREATMENT, vol.2, pp.148-155, 2009 (SCI-Expanded)
- XX. **Separation characteristics of dimethylformamide/water mixtures using sodium alginate-g-N-vinyl-2-pyrrolidone membranes by pervaporation method**  
KONDOLOT SOLAK E., Sanli O.  
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.47, no.4, pp.633-641, 2008 (SCI-Expanded)
- XXI. **Sorption, diffusion, and pervaporation characteristics of dimethylformamide/water mixtures using sodium alginate/polyvinyl pyrrolidone blend membranes**  
KONDOLOT SOLAK E., Asman G., ÇAMURLU P., Sanli O.  
Vacuum, vol.82, no.6, pp.579-587, 2008 (SCI-Expanded)
- XXII. **Separation characteristics of dimethylformamide/water mixtures through alginate membranes by pervaporation, vapor permeation and vapor permeation with temperature difference methods**  
Solak E., Sanli O.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.41, no.4, pp.627-646, 2006 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Unlocking the Antioxidant Potential of Calendula Officinalis: A Comparative Study of Extraction Methods**  
İnaltekin B. B., Oktar C., Kondolot Solak E.

Hacettepe Journal of Biology and Chemistry, vol.52, no.4, pp.253-260, 2024 (Peer-Reviewed Journal)

- II. **Green Synthesis of Silver Nanoparticles Using Origanum onites Extract: Effect of Temperature and Time on Antioxidant and Antimicrobial Activity**  
Yiyit Doğan S., Kaya S., Kondolot Solak E.  
Journal of Biomedical Research & Environmental Sciences, vol.5, no.9, pp.1214-1228, 2024 (Peer-Reviewed Journal)
- III. **Hypericum perforatum Releasing From Silver Sulphadiazine Loaded Sodium Alginate Membranes**  
KONDOLOT SOLAK E., Kaya S.  
Journal of Gazi University Health Sciences Institute, vol.2, no.1, pp.11-17, 2020 (Peer-Reviewed Journal)
- IV. **Use of Ultrasound to Prepare Permeable Crosslinked PVA Membranes**  
ASMAN G., TAŞKIN ÇAKICI G., KONDOLOT SOLAK E., Sivaprakasam K.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.33, no.1, pp.31-43, 2020 (ESCI)
- V. **Release of Anticancer Drug 5 Fluorouracil from Different Ionically Crosslinked Alginate Beads**  
MERVE O., ŞANLI N. O., KONDOLOT SOLAK E.  
Journal of Biomaterials and Nanobiotechnology, vol.3, no.4, pp.469-479, 2012 (Peer-Reviewed Journal)
- VI. **Separation Performance of Sodium Alginate Poly vinyl pyrrolidone Membranes for Aqueous Dimethylformamide Mixtures by vapor Permeation with Temperature Difference Methods**  
KONDOLOT SOLAK E., ŞANLI N. O.  
Advances in Chemical Engineering and Science, vol.1, pp.305-312, 2011 (Peer-Reviewed Journal)
- VII. **Preparation and Characterization of IPN Microspheres for Controlled Delivery of Naproxen**  
KONDOLOT SOLAK E.  
Journal of Biomaterials and Nanobiotechnology, vol.2, no.4, pp.445-453, 2011 (Peer-Reviewed Journal)
- VIII. **Investigation of Antiulcer Activities of imidazo [1,2,alfa] pyridinyl ethyl benzoxazoles by Electron Topological Method (ETM)**  
Kondolot E.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Fen Bilimleri Dergisi, vol.15, no.1, pp.96-106, 1999 (Peer-Reviewed Journal)
- IX. **Extract of fragment with H2-receptor antagonist activities in a series of compounds of biaryl imidazolyl and triazolyl by electron topological ET method**  
Kondolot E.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, pp.107-118, 1999 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Polimer Kimyası Laboratuvarı Deney Kitabı**  
Yiyit Doğan S., Kaya S., Kondolot Solak E. (Editor), Taşkın G. (Editor)  
Nobel Yayın Dağıtım, Ankara, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **UTILIZING VARIOUS SOLVENTS IN ULTRASONIC EXTRACTION OF BLACK CUMIN FOR THE DETERMINATION OF TOTAL PHENOLIC CONTENT**  
Boğa Özkan S. S., Kondolot Solak E.  
8th International Conference on Natural and Engineering Sciences, 21 - 23 November 2023
- II. **THE IMPACT OF TEMPERATURE ON MACERATION-BASED EXTRACTION OF BIOACTIVE COMPOUNDS FROM CALLENDULA OFFICINALIS**  
Boğa İnaltekin B., Kondolot Solak E., Oktar C.  
8th International Conference on Natural and Engineering Sciences, Ankara, Turkey, 21 - 23 November 2023, pp.1-7
- III. **SYNTHESIS AND SWELLING STUDIES OF CARBOXYMETHYL CELLULOSESODIUM ALGINATE-A.sativa**

## **BASED HYDROGELS OPTIMIZED BY BOX- BEHNKEN RESPONSE SURFACE METHODOLOGY**

Kaya S., Kondolot Solak E., Yiyit Doğan S., Bardakçı B.

6. INTERNATIONAL ANKARA MULTIDISCIPLINARY STUDIES CONGRESS, 13 - 14 October 2023, pp.697-705

### **IV. TOTAL PHENOLIC, TOTAL FLAVONOID AND ANTIOXIDANT ACTIVITIES OF ARTEMİSİA ABSİNTHİUM EXTRACTS: A MINI REVIEW**

Kaya S., Kondolot Solak E.

International Conference on Global Practice of Multidisciplinary Scientific Studies-IV, Girne, Cyprus (Kktc), 28 - 30 April 2023, pp.2179-2191

### **V. Synergistic Effects of Magnetite Nanoparticles in the Hole Transport Layer of Organic PV Cells**

IRMAK E., KONDOLOT SOLAK E., KAYA S., YİYİT DOĞAN S., Çakici G. T.

5th IEEE Global Power, Energy and Communication Conference, GPECOM 2023, Cappadocia, Turkey, 14 - 16 June 2023, pp.508-512

### **VI. Antimicrobial Biopolymer Synthesis**

Yiyit Doğan S., Kaya S., Kondolot Solak E., Çiftçi G., Yılmaz E. S., Çakmak F. M.

7. Ankara Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 2 - 04 December 2022, pp.15-16

### **VII. DEVELOPMENT OF ANTIBACTERIAL AND ANTIOXIDANT EDIBLE POLYMERIC FILMS AND INVESTIGATION OF THEIR APPLICATIONS IN THE FOOD INDUSTRY**

Kaya S., Yiyit Doğan S., Kondolot Solak E., Taşkın Çakıcı G., Kişial A., Tuna L., Bardakçı B., Tezcan E. V., Tekiner T.

Ankara International Congress on Scientific Research VII, Ankara, Turkey, 2 - 04 December 2022, pp.17-18

### **VIII. OPTIMIZING THE PREPARATION OF GREEN CROSS-LINKED PVA/COL MEMBRANES WITH BOX-BEHNKEN DESIGN**

Taşkın Çakıcı G., Kaya S., Kondolot Solak E.

3. International Scientific Research and Innovation Congress, İstanbul, Turkey, 27 - 28 August 2022, pp.496-504

### **IX. Optimizing The Preparation Of Green CrossLinked Pva/Col Membranes With Box-Behnken Design**

TAŞKIN ÇAKICI G., KAYA S., KONDOLOT SOLAK E.

3. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 27 - 28 August 2022

### **X. DEVELOPMENT OF BORON DOPED BIOPOLYMER NANOMATERIALS WITH ANTICANCER AND ANTIOXIDANT EFFECTS**

Kondolot Solak E., Kaya S., Demirkaya A., Sağdıçoğlu Celep A. G.

2. INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Girne, Cyprus (Kktc), 30 - 31 July 2022, pp.764-773

### **XI. Preparation Of Biodegradable Membranes With Sodium Alginate, Collagen And Boron Nitride Nanoparticules And In Vitro Application Of Quercetin Release As Potential Wound Dressing Patches**

TAŞKIN ÇAKICI G., YİYİT DOĞAN S., KAYA S., KONDOLOT SOLAK E.

2. INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Girne, Cyprus (Kktc), 30 - 31 July 2022

### **XII. Separation of N,N-Dimethylformamide From DMF/H<sub>2</sub>O Solutions at Vapor Permeation Conditions by Using Magnetite Filled Membranes**

Kondolot Solak E.

2. INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Girne, Cyprus (Kktc), 30 - 31 July 2022, pp.774-779

### **XIII. Kondolot Solak E.**

33. Ulusal Kimya Kongresi, Tekirdağ, Turkey, 7 - 09 October 2021, pp.92

### **XIV. Anticancer and antioxidant activities of Artemisia absinthium loaded particles**

Kaya S., Kondolot Solak E.

5th International Symposium on Phytochemicals in Medicine and Food, Nanchang, China, 25 August - 01 September 2021, pp.415

### **XV. Encapsulation and controlled release of (-)-Epicatechin**

KONDOLOT SOLAK E., Öztürk A., SAĞDIÇOĞLU CELEP A. G.

4th International Symposium on Phytochemicals in Medicine and Food, 30 November - 05 December 2020

### **XVI. Preparation, characterization and controlled release of antibiotic drug from microspheres**

- embedded in the membrane: A biocompatible material for wound healing**  
KONDOLOT SOLAK E., Kaya S., SAĞDIÇOĞLU CELEP A. G.  
4th International Symposium on Phytochemicals in Medicine and Food, 30 November - 05 December 2020
- XVII. Micoencapsulation of non-steroidal anti inflammatory drug (NSAID) with biocompatible polymers and its controlled release**  
Kaya S., KONDOLOT SOLAK E.  
4th International Symposium on Phytochemicals in Medicine and Food, 30 November - 05 December 2020
- XVIII. Antioxidant and anticancer activities of gallic acid and its encapsulation**  
Demirkaya A., KONDOLOT SOLAK E., SAĞDIÇOĞLU CELEP A. G.  
4th International Symposium on Phytochemicals in Medicine and Food, China, 30 November - 05 December 2020
- XIX. Antioxidant and Anticancer Activities of Gallic Acid Loaded Sodium Alginate Microspheres**  
Demirkaya A., KONDOLOT SOLAK E., SAĞDIÇOĞLU CELEP A. G.  
American Association for Advances in Functional Materials, Los-Angeles, Chile, 19 - 22 August 2019
- XX. Preperation and characterization of Poly(Vinyl Alcohol) based matrix membranes containing TiO2**  
KONDOLOT SOLAK E., akgül s., MUHAMMET S. M., ÇETİNYOKUŞ S., AYDIN Ş. Ş.  
International Vocational Science Symposium, 18 October 2017
- XXI. Investigation of the Effects of Concentration and Scenario Selection on Toxic Effects of Acids (HCl, HF, HNO3, oleum)**  
ÇETİNYOKUŞ S., KONDOLOT SOLAK E., AYDIN Ş. Ş., MUHAMMET S. M.  
International Vocational Science Symposium, 18 - 20 October 2017
- XXII. Preparation and Characterization of wound dresses containing kantaron oil, and controlled release of kantaron oil**  
KONDOLOT SOLAK E., akgül s., ÇETİNYOKUŞ S., AYDIN Ş. Ş., MUHAMMET S. M.  
International Vocational Science Symposium, 18 - 20 October 2017
- XXIII. Effect of Ammonia Concentration on Physical (Toxic, Fire, Explosive) Effect Distances**  
ÇETİNYOKUŞ S., MUHAMMET S. M., AYDIN Ş. Ş., KONDOLOT SOLAK E.  
International Vocational Science Symposium, 18 - 20 October 2017
- XXIV. Preparation and characterization of wound dresses containing mupirocin**  
seçil a., KONDOLOT SOLAK E., ÇETİNYOKUŞ S., AYDIN Ş. Ş., MUHAMMET S. M.  
International Vocational Science Symposium, 18-20 Ekim, 2017 Antalya/Turkey,, 18 October 2017
- XXV. Controlled Release of Vancomycin at In-vitro**  
ASMAN G., KONDOLOT SOLAK E., BERKKAN A.  
ISEEP-2017 VIII. International Symposium on ecology and enviromental problems, Çanakkale, Turkey, 4 - 07 October 2017
- XXVI. Removal of Tartrazine (E102) from Aqueous Solutions by using Poly(methyl methacrylate-co-methacrylic acid)-Al Composite Membranes**  
ASMAN G., KONDOLOT SOLAK E.  
VIII. International Symposium on Ecology and Environmental Problems, Isparta, Turkey, 4 - 07 October 2017
- XXVII. Use of Poly(methyl methacrylate-co-methacrylic acid)-Graphite Composite Membranes to Remove Organic Dyes from Aqueous Solutions**  
ASMAN G., KONDOLOT SOLAK E.  
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017
- XXVIII. Formulation and Controlled Release of Mupirocin from Ethyl Cellulose Coated Poly (vinyl alcohol)/Sodium Alginate Microspheres**  
KONDOLOT SOLAK E., ASMAN G., AKGÜL S.  
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017
- XXIX. Controlled Release of Theophylline at In-Vitro**  
ASMAN G., KONDOLOT SOLAK E.  
VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017
- XXX. Investigation of Release Characteristics of Ketorolac Tromethamine from Ethyl Cellulose Coated Poly(vinyl pyrrolidone)/Sodium Carboxymethyl Cellulose Microspheres**

Asman G., Kondolot Solak E., Akgül S.

VIII. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017

- XXXI. **Starch: As a Water Permeable Green Membrane**  
ASMAN G., KONDOLOT SOLAK E., PAKIR S.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017
- XXXII. **Green Membrane for the Separation of Acetic Acid-Water Mixtures by Evapomeation**  
ASMAN G., KONDOLOT SOLAK E., PAKIR S.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017
- XXXIII. **Sustainable Transdermal Release System for Naproxen**  
Güler E., Kondolot Solak E., Asman G., Akgül S.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017
- XXXIV. **Theophylline Release from Ethyl Cellulose Coated PVP/NaCMC Microspheres**  
KONDOLOT SOLAK E., ASMAN G., ÇİÇEK KIRKAYAK N.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017
- XXXV. **Release of 5-Fluorouracil from Natural Polymeric Membranes as Controlled Drug Delivery**  
Ala B., Asman G., Kondolot Solak E.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.170
- XXXVI. **Ultrasonication: A Green Membrane-Modification Method**  
Asman G., Kondolot Solak E., Taşkın Çakıcı G.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017
- XXXVII. **Synthesis and Characterization of Magnetite in Poly vinyl alcohol Matrix Membranes**  
MUHAMMET S. M., KONDOLOT SOLAK E.  
1st International Black Sea Congress on Environmental Sciences (IBCESS), Giresun, Turkey, 31 August - 03 September 2016
- XXXVIII. **Separation Characteristics of Dimethylformamide Water Mixtures Using Magnetite Poly Vinyl Alcohol Membranes by Evapomeation**  
ASMAN G., KONDOLOT SOLAK E., Algezewi N.  
1st International Black Sea Congress on Environmental Sciences (IBCESS), Giresun, Turkey, 31 August - 03 September 2016
- XXXIX. **Controlled Release of Insecticide Diazinon from Biodegradable Microspheres**  
KONDOLOT SOLAK E., ASMAN G., Akgül S., Çiçek Kırkayak N.  
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- Yiyit Doğan S., Kaya S., Kondolot Solak E., Project Supported by Higher Education Institutions, Yeşil Sentez ile Elde Edilmiş Gümüş Nanopartikül Katkılı Kolajen/Kitosan Filmlerin Yara İyileştirme ve Antimikrobiyal Özelliğinin Araştırılması, 2024 - 2025
- Irmak E., Kondolot Solak E., Kaya S., Taşkın Çakıcı G., Yiyit Doğan S., Project Supported by Higher Education Institutions, Design, Characterization and Efficiency Analysis of a New Organic Solar Cell with Synthesized Magnetite Additive, 2023 - 2024
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- KONDOLOT SOLAK E., SAĞDIÇOĞLU CELEP A. G., Kaya S., Demirkaya A., Project Supported by Higher Education Institutions, Bor katkılı antikanser ve antioksidan etkili biyopolimer nanomalzemelerin geliştirilmesi, 2021 - 2023
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- Kondolot Solak E., Project Supported by Other Official Institutions, Preparation of antibacterial textile material using boron derivatives, 2021 - 2021
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KONDOLOT SOLAK E., Project Supported by Higher Education Institutions, Ketorolak Terometaminin Karboksi Metil Selüloz/Poli (vinil alkol) Mikrokürelerden Kontrollü Salımı, 2012 - 2014

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## Memberships / Tasks in Scientific Organizations

Otizm ve Gelişimsel Bozukluk Uygulama ve Araştırma Merkezi, Member of Advisory Board, 2022 - Continues, Turkey

## Scientific Refereeing

Project Supported by Higher Education Institutions, BAP MSc, Gazi University, Turkey, April 2023

TUBITAK Project, My support program is not listed (Old), Middle East Technical University, Turkey, September 2022

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## Scientific Consultations

Gazi Üniversitesi, Project Consultancy, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, Turkey, 2022 - 2022

KOSGEB, Project Consultancy, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri Bölümü, Turkey, 2019 - 2019

## Tasks In Event Organizations

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## Scientific Research / Working Group Memberships

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## Metrics

Publication: 95

Citation (WoS): 298

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H-Index (WoS): 10

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## Congress and Symposium Activities

International Conference on Global Practice of Multidisciplinary Scientific Studies-IV, Attendee, Girne, Cyprus (Kktc), 2023

5th Global Power, Energy and Communication Conference (GPECOM), Attendee, Nevşehir, Turkey, 2023

7. Ankara Uluslararası Bilimsel Araştırmalar Kongresi, Attendee, Ankara, Turkey, 2022

3. International Scientific Research and Innovation Congress, Attendee, İstanbul, Turkey, 2022

2. MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Attendee, Girne, Cyprus (Kktc), 2022

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## Representation and Promotion Activities

Institutional Representation, Teknofest Havacılık, Uzay ve Teknoloji Festivali, Turkey, Trabzon, 2022 - 2022