

## Personal Information

**Web:** <https://avesis.yildiz.edu.tr/eakyol>

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, KALSİYUM OKSALAT KRİSTALİZASYONUNA BLOK KOPOLİMERLERİN ETKİSİ, Yıldız Teknik Üniversitesi, Kimya Mühendisliği, Kimya Mühendisliği, 2006

Post Graduate, Polimerik Katkı Maddelerinin Kalsiyum Sülfat Kristalizasyonuna Etkisi, Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi/Kimya Mühendisliği, Kimya Mühendisliği, 2000

## Research Areas

Chemical Engineering and Technology, Engineering and Technology

## Professional Experience

Bölüm Stratejik Plan Komisyonu Üyesi, Yıldız Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2009 - 2012

Deputy Head of Department, Yıldız Teknik Üniversitesi, 2009 - 2012

## Courses

İstatistiksel Yöntemlerle Modelleme, Post Graduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Chemical Engineering Laboratory I, Under Graduate, 2019 - 2020

Design of Process Units, Under Graduate, 2018 - 2019, 2019 - 2020

Ayrırma İşlemleri, Under Graduate, 2018 - 2019, 2019 - 2020

Chemical Engineering Thermodynamics 1, Under Graduate, 2018 - 2019, 2019 - 2020

Malzeme Termodinamiği, Under Graduate, 2019 - 2020

Technical Communication, Under Graduate, 2019 - 2020

Energy Conservation, Under Graduate, 2019 - 2020

Yeşil Kimya Mühendisliği, Post Graduate, 2019 - 2020

Mass Transfer Gr.3, Under Graduate, 2018 - 2019, 2019 - 2020

Fluid Mechanics in Chemical Engineering, Under Graduate, 2018 - 2019

Kimya Mühendisliği Termodinamiği, Under Graduate, 2017 - 2018

Kimya Mühendisliği Uygulamaları, Under Graduate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018

Isı ve Kütle Transferi, Under Graduate, 2015 - 2016

Teknik İletişim, Under Graduate, 2016 - 2017

Endüstriyel Kristalizasyon, Post Graduate, 2016 - 2017

Mesleki Terminoloji II, Under Graduate, 2013 - 2014

Malzeme, Under Graduate, 2012 - 2013

Yeşil Kimya Mühendisliği, Post Graduate, 2012 - 2013

Özel Ayrırma Prosesleri, Post Graduate, 2011 - 2012

## Advising Theses

- Akyol E., Çevre Dostu Polimerlerle Kalsiyum Tuzlarının Çökmesinin Engellenmesi, Doctorate, M.Alper(Student), Continues
- Akyol E., NİŞASTA ESASLI BİYO-POLİMER ELDESİ, KARIŞIMLARI VE KOMPOZİTLERİNİN GELİŞTİRİLMESİ VE KARAKTERİZASYONU, Doctorate, S.Murat(Student), Continues
- Akyol E., Synthesis of pH-sensitive and biodegradable hydrogels for controlled drug release applications, Post Graduate, E.Aslan(Student), Continues
- Akyol E., Investigation of the Thermophysical Properties of Titanium Dioxide Nanofluid, Post Graduate, R.Arslan(Student), Continues
- Akyol E., İstenmeyen Kristalizasyonların Polielektrolitlerle Kontrolü, Post Graduate, G.Yüksel(Student), Continues
- Akyol E., Using of Matrix Type Transdermal Patches on Controlled Drug Release, Post Graduate, T.Demirtaş(Student), Continues
- Akyol E., Investigation of Plasticizer in Transdermal Patches, Post Graduate, Y.Acar(Student), Continues
- Akyol E., TİTANYUM DİOKSİT NANOKOMPOZİTLERİNİN SENTEZİ VE FOTOKATALİTİK ÖZELLİKLERİNİN İNCELENMESİ, Post Graduate, G.Tonbul(Student), 2020
- Akyol E., Farklı Özelliklerde Hidroksiapatit Kullanarak Donepezil Hidroklorid Etken Maddesinin Salım Kinetiğinin İncelenmesi, Post Graduate, Y.BAHAR(Student), 2019
- Akyol E., DETERMINATION OF DYESTUFFS USED IN MANUSCRIPTS AND INVESTIGATION OF THE EFFECTS ON AGEING KINETICS OF PAPER, Doctorate, P.Çakar(Student), 2019
- Akyol E., Taşıyıcı Sistemin Özelliklerinin İlaç Salınımına Etkisinin İncelenmesi, Doctorate, Ş.Şenoğlu(Student), 2018
- Akyol E., BaSO<sub>4</sub> Kiristallerinin Boyut ve Morfolojisine Katkı Maddelerinin Etkisinin İncelenmesi, Post Graduate, E.OYMAN(Student), 2017
- Akyol E., Nano Boyutta TiO<sub>2</sub> Üretimi ve Çeşitli Katkı Maddelerinin Yüzeysel Modifikasyonuna Etkisi, Post Graduate, H.BAYRAKTAR(Student), 2017
- Akyol E., METAL VE KAUCUK BİLEŞENLİ MALZEMELERİN YAPIŞMA PERFORMANSINI ETKİLEYEN PARAMETRELERİN İNCELENMESİ, Post Graduate, M.BAYRAM(Student), 2015
- Akyol E., Göktürk S., THIRAM'IN YÜZEY AKTİF MADDE MİSELLERİYLE ÇÖZÜNDÜRÜLMESİ VE MİSEL İÇEREN ORTAMLARDA ADSORBANLAR İLE ETKİLEŞİMLERİNİN İNCELENMESİ, Doctorate, H.BİLGİÇ(Student), 2015
- Akyol E., Sol -Jel Yöntemi ile Polimer /Silika Nanokompozit Malzeme Sentezi, Post Graduate, E.CAN(Student), 2015
- Akyol E., Nano Boyutta BaSO<sub>4</sub> Kiristallerinin Üretiminde Deneysel Parametrelerinin İncelenmesi, Post Graduate, M.ALPER(Student), 2015
- AKYOL E., Sb<sub>2</sub>O<sub>3</sub>/DBDPE Oranının alev geciktirici etkisinin ve EPDM Elastomerlerin Fiziko-Mekanik Özelliklerine Etkisinin Araştırılması, Post Graduate, Ş.ÇAVUŞOĞLU(Student), 2014
- AKYOL E., İlaç Taşıyıcısı Olarak Gözenekli Hidroksiapatit (HAP) Kullanımının İncelenmesi, Post Graduate, H.Merve(Student), 2012
- Akyol E., In Vitro Koşullarda Kalsiyum Oksalat Monohidrat Kristal Büyümesine Doğal Katkı Maddelerinin Etkisinin İncelenmesi, Post Graduate, M.ŞENOL(Student), 2012
- AKYOL E., Tezhipli Elyazması Eserlerde Bakır ve Diğer Elementlerin Pigmentler Üzerine Etkisinin İncelenmesi, Post Graduate, P.Çakar(Student), 2011
- AKYOL E., Kalsiyum Oksalat Kristalizasyonuna Doğal ve Sentetik Katkı Maddelerinin Etkilerinin İncelenmesi, Post Graduate, K.Ongun(Student), 2011
- AKYOL E., In Situ Polimerizasyonu ile Yağ Bazlı Polimer/Organokil Nanokompozit Sentezi ve Karakterizasyonu, Post Graduate, Y.Bayram(Student), 2011
- Akyol E., Baryum Sülfat Kristalizasyonuna Polielektrolitlerin Etkisi, Post Graduate, Ö.Aras(Student), 2011

## Jury Memberships

- Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi-Cerrahpaşa, July, 2020
- Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, June, 2020
- Post Graduate, Post Graduate, Marmara Üniversitesi, January, 2020
- Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi-Cerrahpaşa, December, 2019
- Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, November, 2019

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, July, 2019  
Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, June, 2019  
Post Graduate, Begüm Barda tez savunma, Yıldız Teknik Üniversitesi, May, 2019  
Post Graduate, Ahmet Murat Erayvaz\_ tez savunma, Yıldız Teknik Üniversitesi, May, 2019  
Doctoral Examination, Didem Yüceşen Serbest, İstanbul Üniversitesi -Cerrahpaşa , May, 2019  
Post Graduate, Elif Tezel Tez Savunma, Yıldız Teknik Üniversitesi, May, 2019  
Post Graduate, Fatmagül Şahin Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, January, 2019  
Doctoral Examination, Feride Naime Türk Doktora Yeterlilik Sınavı, İstanbul Üniversitesi -Cerrahpaşa , December, 2018  
Doctoral Examination, Hakan Serbest Doktora Yeterlilik Sözlü Sınav, Yıldız Teknik Üniversitesi, November, 2018  
Doctoral Examination, Murat Alper Cedimağar Doktora Yeterlilik Sözlü Sınav, Yıldız Teknik Üniversitesi, November, 2018  
Post Graduate, Ali Osman Erdoğan yüksek lisans tez savunması, Yıldız Teknik Üniversitesi, November, 2018  
Doctoral Examination, Tuğçe Unutkan doktora yeterlilik sözlü sınavı, Yıldız Teknik Üniversitesi, November, 2018  
Post Graduate, Begüm BARDA Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, June, 2018  
Post Graduate, Merve PEHLİVAN Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, June, 2018  
Doctoral Examination, Doktora Yeterlilik Sözlü Jürisi, Yıldız Teknik Üniversitesi, April, 2018  
Post Graduate, Ebru Baycan tez savunma, Yıldız Teknik Üniversitesi, July, 2017  
Doctoral Examination, Bilal Öztürk Doktora Yeterlilik Sınavı, Yıldız Teknik Üniversitesi, March, 2017  
Post Graduate, Ayben Asena Çöl tez savunma, Yıldız Teknik Üniversitesi, August, 2016  
Post Graduate, Çağla Çıbuk tez savunma, Yıldız Teknik Üniversitesi, April, 2016  
Post Graduate, Tülay Merve Temel Tez Savunma, Yıldız Teknik Üniversitesi, April, 2016  
Post Graduate, Tolga Yardım TezSavunma, Yıldız Teknik Üniversitesi, April, 2016  
Post Graduate, Tolga Yardım Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, March, 2016  
Post Graduate, Çağla Çıbuk Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, March, 2016  
Doctoral Examination, Büşra Bodur Doktora Yeterlilik Sınavı, Yıldız Teknik Üniversitesi, October, 2015  
Post Graduate, Fatma Berna İlhan Yüksek Lisans Tez Savunması, Yıldız Teknik Üniversitesi, September, 2015  
Post Graduate, Bülent Eraykutlu tez savunma, Yıldız Teknik Üniversitesi, March, 2013  
Post Graduate, Müge Ekmen tez savunma, Yıldız Teknik Üniversitesi, June, 2009  
Post Graduate, Parahat Atayev tez savunma, Yıldız Teknik Üniversitesi, June, 2008

## Designed Lessons

Akyol E., İstatistiksel Yöntemlerle Modelleme, Post Graduate, 2013 - 2014

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Effect of sonication on the synthesis of exfoliated polymer clay nanocomposites**  
Erciyes A. T. , Bayram Y., Akyol E.  
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.96, pp.1181-1187, 2019 (Journal Indexed in SCI)
- **Synthesis and characterization of hydrogels based on poly(2-hydroxyethyl methacrylate) for drug delivery under UV irradiation**  
Senol S., Akyol E.  
JOURNAL OF MATERIALS SCIENCE, vol.53, pp.14953-14963, 2018 (Journal Indexed in SCI)
- **Effect of conductive copolymers on scale formation of gypsum**  
Dogan O., Erdemir C. S. , Akyol E., Kırboga S., Öner M.  
PURE AND APPLIED CHEMISTRY, vol.89, pp.153-159, 2017 (Journal Indexed in SCI)
- **Controlled release of donepezil hydrochloride from the ternary sodium alginate based hydrogels**  
Akyol E., Şenol Ş., Doğan Ö.  
BULGARIAN CHEMICAL COMMUNICATIONS, vol.49, pp.57-63, 2017 (Journal Indexed in SCI)
- **Size and morphology controlled synthesis of barium sulfate**  
Akyol E., Cedimagar M. A.  
CRYSTAL RESEARCH AND TECHNOLOGY, vol.51, pp.393-399, 2016 (Journal Indexed in SCI)
- **Solubilization and Interactions of Thiram with Surfactants: Micellar Effects on Adsorption Characteristics**

### **of Thiram onto Activated Carbon**

Bilgic H., Göktürk S., Akyol E.

JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.36, pp.1086-1096, 2015 (Journal Indexed in SCI)

- **Control of barium sulfate crystallization in the presence of additives**

Akyol E., Aras O., Öner M.

DESALINATION AND WATER TREATMENT, vol.52, pp.5965-5973, 2014 (Journal Indexed in SCI)

- **The effect of ultrasonication on calcium carbonate crystallization in the presence of biopolymer**

Kirboga S., Öner M., Akyol E.

JOURNAL OF CRYSTAL GROWTH, vol.401, pp.266-270, 2014 (Journal Indexed in SCI)

- **Controlling of morphology and polymorph of calcium oxalate crystals by using polyelectrolytes**

Akyol E., Öner M.

JOURNAL OF CRYSTAL GROWTH, vol.401, pp.260-265, 2014 (Journal Indexed in SCI)

- **Systematic Structural Determinants of the Effects of Tetrakisphosphonates on Gypsum Crystallization**

Akyol E., Öner M., Barouda E., Demadis K. D.

CRYSTAL GROWTH & DESIGN, vol.9, pp.5145-5154, 2009 (Journal Indexed in SCI)

- **Inhibition of calcium oxalate monohydrate crystal growth using polyelectrolytes**

Akyol E., Öner M.

JOURNAL OF CRYSTAL GROWTH, vol.307, pp.137-144, 2007 (Journal Indexed in SCI)

- **The effects of polyelectrolytes on the inhibition and aggregation of calcium oxalate crystallization**

Akyol E., Bozkurt A., Öner M.

POLYMERS FOR ADVANCED TECHNOLOGIES, vol.17, pp.58-65, 2006 (Journal Indexed in SCI)

- **Polyelectrolytes inhibition effect on crystallization of gypsum**

Dogan O., AKYOL E., ÖNER M.

CRYSTAL RESEARCH AND TECHNOLOGY, vol.39, pp.1108-1114, 2004 (Journal Indexed in SCI)

## **Articles Published in Other Journals**

- **Study on the preparation and drug release property of Modified PEG-DA based hydrogels**

Senol S., Akyol E.

JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, vol.6, pp.1-14, 2019 (International Refereed University Journal)

- **Controlled release of donepezil hydrochloride from PEG-DA hydrogels**

Senol S., Akyol E.

Bulgarian Chemical Communications, vol.50, pp.12-17, 2018 (Refereed Journals of Other Institutions)

- **Investigation of the Effect of Dandelion Plant Taraxacum Officinale on Calcium Oxalate Monohydrate Crystal Growth**

Akyol E.

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.6, pp.97, 2016 (National Refereed University Journal)

- **A kinetic study for calcium oxalate crystallization in the presence of Viburnum opulus extract**

Akyol E., Ongun K., Kirboga S., Öner M.

BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.6, pp.1064-1069, 2016 (Journal Indexed in ESCI)

- **OPEN-AIR SUN DRYING: THE EFFECT OF PRETREATMENT ON DRYING KINETIC OF CHERRY TOMATO**

İSMAİL O., AKYOL E.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.34, pp.141-151, 2016 (Journal Indexed in ESCI)

- **Polielektrolitlerin Kalsiyum Oksalat Kristalizasyonu Üzerindeki Etkisi**

Akyol E., Öner M.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.25, pp.48-57, 2007 (National Refereed University Journal)

- **Biyomineralizasyona Model Olarak Hidroksiapatit ve Kalsiyum Oksalat Kristalizasyonunun İncelenmesi**

Akyol E., Doğan Ö., Öner M.

Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.23, pp.11-17, 2005 (National Refereed University Journal)

- **Katkı Maddelerinin Kristalizasyon Prosesine Etkisinin İncelenmesi ve Kontrolü**

## Books & Book Chapters

- **Controlling of Calcium Oxalate Crystallization by Using Cross-Linked Vinylphosphonic Acid Polymer**  
Öner M., Akyol E., Akin M. B.  
in: INDUSTRIAL WATER TREATMENT: NEW TRENDS, CHALLENGES, AND SOLUTIONS, Zahid Amjad, Tao Chen, Editor, NACE International - The Corrosion Society , Texas, pp.125-139, 2017
- **Polyelectrolyte: Science and Application**  
Akyol E., Kirbođa Okumuş S., Öner M.  
in: POLYELECTROLYTES: THERMODYNAMICS AND RHEOLOGY, P.M. Visakh, O. Bayraktar, G.A. Pico, Editor, Springer, London/Berlin , Basel, pp.87-112, 2014
- **Effect of Biopolymers on Scale Formation**  
Akyol E., Dođan Aydeniz Ö., Öner M.  
in: MINERAL SCALES IN BIOLOGICAL AND INDUSTRIAL SYSTEMS, Z. Amjad, Editor, CRC, New York , Florida, pp.61-75, 2013
- **Control of Crystallization Processes By Diblock Copolymers**  
Dođan Ö., Akyol E., Barış S., Öner M.  
in: Advances in Crystal Growth Inhibition Technologies, Zahid Amjad, Editor, Kluwer Academic/ Plenum Publishers, New-York, pp.197-205, 2000

## Refereed Congress / Symposium Publications in Proceedings

- **A REVIEW ON NANOFUIDS VISCOSITY AND DENSITY EFFECTS ON THERMAL APPLICATIONS**  
Arslan R., Akyol E., Dalkılıç A. S. , Wongwises S.  
5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019, İstanbul, Turkey, 17 - 19 December 2019, pp.2326-2341
- **Investigaation of the Release Behavior of Modified Nano Hydroxyapatite as a Drug Carrier**  
Üst Y. B. , Akyol E.  
5th International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2019)', Sakarya, Turkey, 25 - 29 October 2019, pp.1
- **Preparation Of Peg-Da/Hema Hydrogels Modified With Rutile Tio2 Nanoparticles For Controlled Drug Release**  
Şenol Ş., Akyol E.  
5th International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2019), Sakarya, Turkey, 25 - 29 October 2019, pp.2
- **TiO2 Nanokompozitlerinin Sentezi Ve Fotokatalitik Özelliklerinin İncelenmesi**  
Akyol E., Tonbul G.  
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.90
- **IN SITU SYNTHESIS OF TRIGLYCERIDE OIL BASED POLYMER CLAY NANOCOMPOSITE**  
Erciyes A. T. , Bayram Y., Akyol E.  
<http://icntconference.com/wp-content/uploads/2019/09/5th-International-Conference-on-New-Trends-in-Chemistry-PROCEEDINGS-BOOK-2019.pdf>, Athens, Greece, 22 - 24 April 2019, pp.42-45
- **Synthesis and kinetic evaluation of pH-sensitive hydrogels from photo-crosslinked poly(ethylene glycol) diacrylate (PEG-DA)**  
Şenol Ş., AKYOL E.  
5th International Materials Science and Advanced-Nanotechnologies for Next Generation (MSNG2018), Nevşehir, Turkey, 04 October 2018, pp.14
- **Effect of decabromodiphenylethane and antimony trioxide on the flame retardancy of ethylene-propylene-diene copolymer**  
Akyol E., Çavuşođlu Ş., Öner M.

5th International Materials Science and Advanced-Nanotechnologies for Next Generation (MSNG2018), Nevşehir, Turkey, 04 October 2018, pp.4

- **Inhibition of barium sulfate (BaSO<sub>4</sub>) crystal growth in the presence of polymers**  
Oyman E., AKYOL E.  
Sixth European Conference on Crystal Growth, Varna, Bulgaria, 16 September 2018
- **The effects of avocado leaves extract on calcium oxalate monohydrate growth: An in vitro study**  
Akyol E., Şenol M., Öner M.  
Sixth European Conference on Crystal Growth, Varna, Bulgaria, 16 September 2018
- **FARKLI ÖZELLİKLERDE HİDROKSİAPATİT KULLANILARAK DONEPEZİL HİDROKLORİT ETKEN MADDESİNİN SALIM KİNETİĞİNİN İNCELENMESİ**  
Üst Y. B. , Akyol E.  
13. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ (UKMK-2018), Van, Turkey, 03 September 2018, pp.108
- **POLİETİLEN GLİKOL DİAKRİLAT (PEG-DA) TABANLI HİDROJELLERİN KONTROLLÜ İLAÇ SALIMINDA KULLANIMI**  
Demirtaş T., Acar Y., Şenol Ş., Akyol E.  
13. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ (UKMK-2018), Van, Turkey, 03 September 2018, pp.143
- **Modifiye PEG-DA Tabanlı Hidrojellerin Donepezil HCl Etken Maddesinin Salımında Kullanımı**  
Şenol Ş., Akyol E.  
13. Ulusal Kimya Mühendisliği Kongresi, Van, Turkey, 03 September 2018, pp.94
- **CONTROLLED RELEASE OF DONEPEZIL HYDROCHLORIDE FROM PEG-DA HYDROGELS UNDER UV IRRADIATION**  
Şenol Ş., Akyol E.  
4th International Conference on New Trends in Chemistry (ICNTC 2018), Sankt-Peterburg, Russia, 11 May 2018, pp.40
- **DEGRADATION RATE OF PAPER DYED WITH RHEUM RIBES L.**  
Çakar P., Akyol E.  
4th International Conference on New Trends in Chemistry (ICNTC 2018 ), Sankt-Peterburg, Russia, 11 May 2018, pp.88
- **SYNTHESIS OF NANO TITANIUM DIOXIDE PARTICLES FOR PHOTOCATALYTIC APPLICATIONS**  
AKYOL E., Bayraktar H., Korkmaz S.  
International Conference on Engineering Technologies, Konya, Turkey, 07 December 2017, pp.66
- **Investigation of the inhibition effect of different parameters on calcium sulfate crystallization**  
Uğur M., Akın M. B. , Doğan Aydeniz Ö., Akyol E., Kocakerim M. M.  
International Conference On Energy Systems Engineering, Karabük, Turkey, 02 November 2017, pp.68
- **In Situ Synthesis of Oil Based Polymer Clay Nanocomposites**  
Erciyes A., Bayram Y., Akyol E.  
4th International Conference on Materials Science and Nanotechnology For Next Generation, MSNG-2017, Sarajevo, Bosnia And Herzegovina, 28 June 2017, pp.94
- **Determination of Degradation Rate Constant of a Specific Paper from 16th Century**  
AKYOL E., Çakar P.  
4th INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE AND NANOTECHNOLOGY FOR NEXT GENERATION (MSNG2017), Saraybosna, Bosnia And Herzegovina, 28 June 2017, pp.244
- **CONTROLLED RELEASE OF DONEPEZIL HYDROCHLORIDE FROM HYDROGELS HAVING DIFFERENT PROPERTIES**  
AKYOL E., Şenol Ş., Doğan Aydeniz Ö.  
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 April 2017, pp.84
- **THE EFFECTS OF ADDITIVES ON PARTICLE SIZE AND MORPHOLOGY ON BaSO<sub>4</sub> CRYSTALS**  
Akyol E., Oyman E.  
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 April 2017, pp.91
- **The Effect of Conductive Copolymers on The Scale Formation of Gypsum**  
Doğan Ö., Erdemir C. S. , Akyol E., Öner M., Kirboğa S.  
16th International Conference on Polymers and Organic Chemistry, Heraklion, Greece, 13 June 2016
- **Controlling of calcium oxalate crystallization by using crosslinked polymers**

ÖNER M., AKYOL E., Akin M. B.

Corrosion 2016, Vancouver, Canada, 6 - 10 March 2016, vol.3, pp.2241-2255

• **Synthesis and Characterization of PVA/Sol-Gel Derived Iosilicate Composites**

YÜCEL S., Kılıç E. C. , AKYOL E.

The International Porous and Powder Materials Symposium and Exhibition, İzmir, Turkey, 15 September 2015, pp.740

• **NANAO BOYUTTA TİTANYUM DİOKSİT SENTEZİ VE ÇEŞİTLİ KATKI MADDELERİNİN ETKİSİ**

Bayraktar H., AKYOL E., Çibuk Ç.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 August 2015, pp.727

• **Nanao Boyutta Titanyum Dioksit Sentezi ve Çeşitli Katki Maddelerinin Etkisi**

Bayraktar H., AKYOL E., Çibuk Ç.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015

• **Synthesis of Oil Based Polymer Clay Nanocomposite Using Renewable Source**

Erciyes A. T. , Bayram Y., AKYOL E.

International Conference on Chemical and Biochemical Engineering, Paris, France, 20 July 2015, pp.1-4

• **The Effect of Sb<sub>2</sub>O<sub>3</sub>/DBDPE Ratio on the Flame Retardancy and Physico-Mechanical Properties of EPDM Elastomer**

Çavuşoğlu Ş., Erciyes A. T. , Akyol E.

International Conference on Chemical and Biochemical Engineering, Paris, France, 20 - 22 July 2015, pp.1-4

• **THE EFFECT OF SB<sub>2</sub>O<sub>3</sub> DBDPE RATIO ON THE FLAME RETARDANCY AND PHYSICO MECHANICAL PROPERTIES OF EPDM ELASTOMER**

Şirin Ç., AKYOL E., ÖNER M.

International Conference on Chemical and Biochemical Engineering, Paris, France, 20 - 22 July 2015

• **Effect of Corn Silk Extracts on Calcium Oxalate Crystallization**

Akyol E., Öner M., Şenol M., Kirboga S.

2nd International Conference on Bioinspired and Biobased Chemistry & Materials, NICE2014, Nice, France, 15 October 2014, pp.32

• **Inhibition of Calcium Oxalate Crystal Growth by Plant Extracts**

Akyol E., Öner M., Şenol M., Kirboga S.

2nd International Conference on Bioinspired and Biobased Chemistry & Materials, NICE2014, Nice, France, 15 October 2014, pp.263

• **The Characterization of Calcium Carbonate Obtained under Ultrasound Irradiation**

Kırboğa S., Öner M., Akyol E.

2nd International Conference on Bioinspired and Biobased Chemistry & Materials, NICE2014, Nice, France, 15 October 2014, pp.33

• **Ultrasonication-assisted Synthesis of Calcium Carbonate in the Presence of Biopolymer**

Kırboğa Okumuş S., Öner M., Gürbüz D., Gençtürk Z., Akyol E.

2nd International Conference on Bioinspired and Biobased Chemistry & Materials, NICE2014, Nice, France, 15 - 17 October 2014, pp.434

• **Katkı Maddeleri Varlığında Baryum Sülfat Kristalizasyonunun Kontrolü**

Cedimağar M. A. , AKYOL E., Aras Ö., ÖNER M.

11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014

• **Removal of Pesticide Thiram from Water with Activated Carbon**

Göktürk S., AKYOL E.

2nd International Conference On Environmental Science And Technology, Antalya, Turkey, 14 May 2014, pp.39-40

• **Effect of Biopolymers on Scale Formation**

AKYOL E., Dogan O., ÖNER M.

Symposium on Mineral Scales in Biological and Industrial Systems held as Part of the 244th National Meeting of the American-Chemical-Society, Pennsylvania, United States Of America, 19 - 23 August 2012, pp.61-75

• **The Effects of Turkish Cranberry Bush Fruit on the Growth Mechanism of the Calcium Oxalate Crystals**

Akyol E., Ongun K., Kırboğa S., Öner M.

17th International Conference on Crystal Growth and Epitaxy, Warszawa, Poland, 11 August 2013, pp.128

• **Solubilization of Poorly Soluble Organic Pesticide Thiram By Micellization**

Göktürk S., AKYOL E.

44th World Chemistry Congress, İstanbul, Turkey, 11 August 2013

• **Solubilization of Poorly Soluble Organic Pesticide Thiram by Micellization**

Bilgiç H., GÖKTÜRK S., AKYOL E.

44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013

• **Ampisilin Sodyum Salımına Hidroksiapatit Gözenekliliğinin Etkisi**

Özkut M., AKYOL E., ÖNER M., DOĞAN Ö., Bodur B.

10. Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 03 September 2012, pp.1

• **Mısır Püskülü Ekstraktının Kalsiyum Oksalat Monohidrat Kristalizasyonuna Etkisinin İncelenmesi**

Şenol M., AKYOL E., ÖNER M.

10. Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 3 - 06 September 2012

• **Precipitation of gypsum in the presence of inulin biopolymers**

Dogan O., ERDEMİR C. S. , ÖNER M., AKYOL E.

244th National Fall Meeting of the American-Chemical-Society (ACS), Pennsylvania, United States Of America, 19 - 23 August 2012, vol.244

• **Barium sulfate crystallization in the presence of carboxymethyl inulin and polyacrylic acid**

AKYOL E., Akin B., ÖNER M.

244th National Fall Meeting of the American-Chemical-Society (ACS), Pennsylvania, United States Of America, 19 - 23 August 2012, vol.244

• **Precipitation of gypsum in the presence of inulin biopolymers**

DOĞAN Ö., Erdemir Ç. Ş. , ÖNER M., AKYOL E.

244th American Chemical Society National Meeting Exposition, United States Of America, 19 - 23 August 2012

• **Barium Sulfate Crystallization in the Presence of Additives**

AKYOL E., Aras Ö., Öner M.

18th International Symposium on Industrial Crystallization, Zürich, Switzerland, 13 September 2011, pp.151-153

• **UÇAK PİSTLERİNDE ASFALT DAYANIKLILIĞININ ARTTIRILMASI**

KEYF S., AKYOL E., KÜÇÜK İ., TURGUT Z.

HAVA HARP OKULU BİLİM ŞENLİĞİ, 01 May 2011

• **The Role of Polymers in Calcium Oxalate Crystallization**

Kırboğa Okumuş S., Akyol E., Öner M.

16th International Biomedical Science and Technology Symposium, İstanbul, İstanbul, Turkey, 28 September 2010, pp.81

• **Polielektrolitlerin Baryum Sülfat Kristalizasyonuna Etkisinin İncelenmesi**

Aras Ö., AKYOL E., ÖNER M.

Dokuzuncu Ulusal Kimya Mühendisliği Kongresi (UKMK-9), Gazi Üniversitesi Ankara, Ankara, Turkey, 22 June 2010, pp.1-2

• **The Effects of Biopolymers on the Barium Sulfate Crystal Growth**

Aras Ö., AKYOL E., ÖNER M.

6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, Belek, Antalya, Turkey, 07 March 2010, pp.99

• **Polyelectrolytes for the controllers of calcium oxalate crystallization**

Öner M., Akyol E., Akin M., Kırboğa Okumuş S.

238th ACS National Meeting Symposium, Washington, Washington, United States Of America, 16 August 2009, pp.399

• **Control of Calcium Oxalate Crystallization by Using Polymeric Additives**

AKYOL E., KIRBOĞA OKUMUŞ S., ÖNER M.

25th European Crystallographic Meeting, İstanbul, Turkey, 16 - 21 August 2009

• **Polyelectrolytes for the controllers of calcium oxalate crystallization**

Öner M., Akyol E., Akin M. B. , Kırboğa Okumuş S.

238th ACS National Meeting Symposium, Washington, United States Of America, 16 - 20 August 2009, pp.399

• **Control of Calcium Oxalate Crystallization by Using Polymeric Additives**

Akyol E., Kırboğa Okumuş S., Öner M.

25th European Crystallographic Meeting, İstanbul, Turkey, 16 - 21 August 2009, pp.198



- **Reaktif Terpolimer ile Terpolimer ve SBS Kullanılarak Bitüm Modifiyesi Analiz Sonuçlarının Değerlendirilmesi**  
AKYOL E., KEYF S.  
XXII. Ulusal Kimya Kongresi, Magusa, Cyprus (Kktc), 06 October 2008, pp.59
- **Kalsiyum Sülfat Dihidratın (Alçıtaşı) Kristal Büyümesine Polimerik Katkı Maddelerinin Etkileri**  
AKYOL E., Atayev P., ÖNER M.  
XXII. Ulusal Kimya Kongresi, Magusa, Magusa, Cyprus (Kktc), 06 October 2008, pp.60
- **Akrilik Asit ve Sülfonik Asit İçerikli Polimerlerin Kalsiyum Oksalat Kristalizasyonuna Etkileri**  
Kırboğa Okumuş S., Akyol E., Öner M.  
XXII. Ulusal Kimya Kongresi, Magusa, Gazimagusa, Cyprus (Kktc), 06 October 2008, pp.162
- **Akrilik Asit ve Sülfonik Asit İçerikli Polimerlerin Kalsiyum Oksalat Kristalizasyonuna Etkisi**  
Kırboğa S., Akyol E., Öner M.  
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008
- **Kalsiyum Oksalat Kristalizasyonuna Blok Kopolimerlerin Etkisi**  
Akyol E., Kırboğa Okumuş S., Öner M.  
UKMK-8, İnönü Üniversitesi, Malatya, Turkey, 26 August 2008
- **Polimer Yapısı ve Konsantrasyonun Hidroksiapatit Kristalizasyonuna Etkisi**  
Doğan Aydeniz Ö., Kırboğa S., Akyol E., Öner M.  
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, pp.398-400
- **Polimer Yapısı Ve Konsantrasyonunun Hidroksiapatit Kristalizasyonuna Etkisi**  
Doğan Aydeniz Ö., Kırboğa S., Akyol E., Öner M.  
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Antalya, Turkey, 28 October 2007, pp.398-400
- **Hidrofilik Blok Kopolimerler Kullanarak Kalsiyum Oksalat Monohidrat (COM) Kristallerinin Morfolojik Kontrolü**  
AKYOL E., AKIN M. B. , DOĞAN Ö., ÖNER M.  
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Antalya, Turkey, 28 October 2007, pp.199-202
- **Suda Çözünmeyen Polimerlerin Kalsiyum Oksalat Kristalizasyonuna Etkisi**  
Akin M. B. , Kırboğa S., Akyol E., Doğan Ö., Öner M.  
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Antalya, Turkey, 28 October 2007, pp.62
- **Suda Çözünmeyen Polimerlerin Kalsiyum Oksalat Kristalizasyonuna Etkis**  
AKIN M. B. , KIRBOĞA OKUMUŞ S., AKYOL E., DOĞAN Ö., ÖNER M.  
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007
- **The Effect of Graft Copolymers on Calcium Oxalate Crystallization**  
Kırboğa S., Akyol E., Doğan Ö., Öner M.  
24th European Crystallographic Meeting, Marrakush, Morocco, 22 August 2007, pp.1
- **The Effects of Polyelectrolytes on the Crystallization of Calcium Oxalate Monohydrate**  
Akyol E., Doğan Ö., Akin M. B. , Kırboğa S., Öner M.  
24th European Crystallographic Meeting, Marrakech, Marrakush, Morocco, 22 August 2007, pp.248
- **The Formation of Nano Hydroxyapatite By Using Polymeric Additives**  
DOĞAN Ö., AKYOL E., UYSAL U., ÖNER M.  
24th European Crystallographic Meeting, Marrakech, Marrakech, Morocco, 22 August 2007, pp.249
- **Kinetic and Morphological Effects of Carboxymethyl İnulin on the Growth of Calcium Oxalate Crystals**  
ÖNER M., Bayram Y., Akin M., AKYOL E., DOĞAN Ö., Demadis K.  
The 11th Annual Gren Chemistry and Engineering Conference, Washington, Washington, United States Of America, 26 June 2007, pp.81
- **Investigation of Calcium Oxalate Monohydrate (COM) Crystallization as a Model to Biomineralization**  
Akyol E., Doğan Ö., Akin M., Kırboğa S., Öner M.  
Get Univation!, German-Turkish University Conference and Project Marketplace on Applied Research and Innovation, Braunschweig- Germany, Braunschweig, Germany, 26 February 2007, pp.30
- **The Formation of Nano Hydryapatite by Using Polymeric Additives**  
DOĞAN Ö., AKYOL E., Uysal U., ÖNER M.  
German-Turkish University Conference and Project Marketplace on Applied Research and Innovation, Germany, 26 - 28 February 2007

- **Graft Kopolimerin Kalsiyum Oksalat Kristalizasyonu Üzerindeki Etkisi**  
Kırboğa Okumuş S., Akın M. B. , Akyol E., Doğan Aydeniz Ö., Bozkurt A., Öner M.  
Ulusal Kimya Mühendisliği Kongresi (UKMK-7), Anadolu Üniversitesi, Eskişehir, Turkey, 05 September 2006, pp.37-41
- **Polielektrolitlerin Kalsiyum Oksalat Kristalizasyonuna Etkisinin İncelenmesi**  
Akın M. B. , Akyol E., Doğan Ö., Kırboğa S., Bozkurt A., Oner M.  
Yedinci Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 05 September 2006, pp.276-277
- **Hidrofilik Blok Kopolimerlerin Kalsiyum Oksalat Monohidrat (COM) Kristallerinin Morfolojisine Etkileri**  
AKYOL E., DOĞAN AYDENİZ Ö., ÖNER M.  
Ulusal Kimya Mühendisliği Kongresi (UKMK-7), Anadolu Üniversitesi, Eskişehir, Turkey, 05 September 2006
- **Polielektrolitlerin Kalsiyum Oksalat Kristalizasyonuna Etkisinin İncelenmesi**  
AKIN M. B. , AKYOL E., DOĞAN Ö., KIRBOĞA OKUMUŞ S., BOZKURT A., ÖNER M.  
UKMK-7, Eskişehir, Turkey, 5 - 08 September 2006
- **Poli(Etilenglikol Blok Akrilik Asit) Kopolimerlerinin Radikal Zincir Transfer Polimerizasyonu ile Sentezi ve Karakterizasyonu**  
AKYOL E., Bozkurt A., ÖNER M.  
1. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Ankara, Ankara, Turkey, 21 June 2006, pp.53
- **Fosfonik Asit Grupları İçeren Kopolimer ve Çapraz Bağlı Polimerlerin Sentezi ve Karakterizasyonu**  
Akın M. B. , Akyol E., Doğan Aydeniz Ö., Kırboğa Okumuş S., Bozkurt A., Öner M.  
1. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Ankara, Ankara, Turkey, 21 June 2006, pp.53-54
- **Polietilenglikol Metakrilat-Vinilsülfonik Asit Kopolimerlerinin Sentezi ve Karakterizasyonu**  
Kırboğa Okumuş S., Doğan Aydeniz Ö., Akyol E., Akın M. B. , Bozkurt A., Öner M.  
1. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Ankara, Ankara, Turkey, 21 June 2006, pp.53
- **Polimerik Katkı Maddeleri Kullanılarak Nano Boyutlu Hidroksiapatit Üretimi**  
DOĞAN Ö., AKYOL E., ÖNER M.  
Ulusal Kimya Mühendisliği Kongresi UKMK-7, Anadolu Üniversitesi, Eskişehir, Turkey, 05 September 2006, pp.270-271
- **Morphological Control of Calcium Oxalate by Hydrophilic Block Copolymers**  
AKYOL E., ÖNER M.  
XX Congress of the International Union of Crystallography, Florence Italy, Florence, Italy, 23 August 2005, pp.440
- **The Influence of Double Hydrophilic Copolymers (DHBC) on Calcium Oxalate Crystallization**  
AKYOL E., ÖNER M.  
International Workshop on Bioengineering; Problems and Perspectives, İstanbul, Turkey, 23 August 2005, pp.236
- **Baryum Sülfat Kristalizasyonunun Polielektrolitlerle Kontrol Edilmesi**  
Tok S., AKYOL E., DOĞAN Ö., ÖNER M.  
UKMK-6, İzmir, Turkey, 07 September 2004
- **Nano Boyutlu Hidroksiapatit Üretiminin Polielektrolitlerle Kontrolü**  
DOĞAN Ö., AKYOL E., Balkan M., ÖNER M.  
Ulusal Kimya Mühendisliği Kongresi (UKMK-6), Ege Üniversitesi, İzmir, Turkey, 07 September 2004
- **Kalsiyum Oksalat Monohidratın Kristal Büyümesinin Polielektrolitlerle Engellenmesi**  
Akyol E., Doğan Aydeniz Ö., Öner M.  
Ulusal Kimya Mühendisliği Kongresi (UKMK-6), Ege Üniversitesi, İzmir, Turkey, 07 September 2004, pp.53-59
- **Investigation of Hydroxyapatite and Calcium Oxalate Crystallization as a Model for Biomineralization**  
AKYOL E., DOĞAN Ö., ÖNER M.  
Workshop on Advance in Sensoring Industrial Crystallization, İstanbul, İstanbul, Turkey, 18 June 2003, pp.129-136
- **Kristalizasyon Proseslerinin Diblok Kopolimerler ile Kontrolü**  
DOĞAN Ö., AKYOL E., Barış S., ÖNER M.  
Ulusal Kimya Mühendisliği Kongresi (UKMK-4), İstanbul Üniversitesi, İstanbul, Turkey, 04 September 2000, pp.474-479

## Supported Projects

DALKILIÇ A. S. , KIRKAR Ş. M. , KOYUN A., AÇIKGÖZ Ö., AKYOL E., KIRBOĞA OKUMUŞ S., Önal B. S. , Akgül D.,

WONGWISES S., CELEN A., Project Supported by Higher Education Institutions, İki Fazlı Akışlarda İyileştirilmiş Düz ve Helezon Borularda Isı Transferi Katsayısı ve Basınç Düşümünün Deneysel Araştırılması, 2019 - Continues

AKYOL E., DEMİRTAŞ T., Project Supported by Higher Education Institutions, Matriks Tip Transdermal Yamaların Sentezi ve Kontrollü İlaç Salımında Kullanımı, 2019 - Continues

AKYOL E., Acar Y., Project Supported by Higher Education Institutions, Transdermal Yamalarda Plastikleştirici Maddelerin Etkisinin İncelenmesi, 2019 - Continues

Akyol E., Project Supported by Higher Education Institutions, YAZMA ESERLERDE KULLANILAN BOYARMADDELERİN BELİRLENMESİ VE KAĞIDIN YAŞLANMA KİNETİĞİ ÜZERİNE ETKİSİNİN ARAŞTIRILMASI, 2014 - 2019

AKYOL E., ŞENOL Ş., Project Supported by Higher Education Institutions, Taşıyıcı Sistemin Özelliklerinin İlaç Salımına Etkisinin İncelenmesi, 2017 - 2018

AKYOL E., Project Supported by Higher Education Institutions, NANO BOYUTTA TiO<sub>2</sub> ÜRETİMİ VE ÇEŞİTLİ KATKI MADDELERİNİN YÜZEY MODİFİKASYONUNA ETKİSİ, 2015 - 2017

AKYOL E., Project Supported by Higher Education Institutions, Baryum Sülfat Kabuk Oluşumunu Engelleyici Katkı Maddelerinin Araştırılması, 2013 - 2016

AKYOL E., Project Supported by Higher Education Institutions, Thiram'in Yüzey Aktif Madde Miselleriyle Çözündürülmesi ve Misel İçeren Ortamlarda Adsorbanlar ile Etkileşimlerinin İncelenmesi, 2013 - 2015

AKYOL E., Project Supported by Higher Education Institutions, The Effect of Sb<sub>2</sub>O<sub>3</sub>/DBDPE Ratio on the Flame Retardancy and Physico-Mechanical Properties Of Epdm Elastomer, 2012 - 2014

AKYOL E., Project Supported by Higher Education Institutions, Sb<sub>2</sub>O<sub>3</sub>/DBDPE Oranının alev geciktirici etkisinin ve EPDM Elastomerlerin Fiziko-Mekanik Özelliklerine Etkisinin Araştırılması, 2012 - 2014

AKYOL E., Project Supported by Higher Education Institutions, In Vitro Koşullarda Kalsiyum Oksalat Monohidrat Kristal Büyümesine Doğal Katkı Maddelerinin Etkisinin İncelenmesi, 2012 - 2012

AKYOL E., Project Supported by Higher Education Institutions, Kalsiyum Oksalat Kristalizasyonuna Doğal Ve Sentetik Katkı Maddelerinin Etkilerinin İncelenmesi., 2011 - 2011

AKYOL E., ÖNER M., DOĞAN AYDENİZ Ö., TUBITAK Project, Kristalizasyon Prosesine Katkı Maddelerinin Etkisinin İncelenmesi, 2001 - 2002

## Scientific Refereeing

AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, September 2020

BOR DERGİSİ, National Scientific Refreed Journal, September 2020

JOURNAL OF CRYSTAL GROWTH, SCI Journal, September 2020

HİTTİTE JOURNAL OF SCİENCE AND ENİNEERİNG, National Scientific Refreed Journal, August 2020

AVRUPA BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, August 2020

Journal of the Turkish Chemical Society, Section A: Chemistry, Other Indexed Journal, June 2020

TENSİDE SURFACTANTS DETERGENTS, SCI Journal, May 2020

International journal of advances in engineering and pure sciences (Online), National Scientific Refreed Journal, May 2020

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, March 2020

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, SCI Journal, February 2020

BALIKESİR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, February 2020

ACTA CHIMICA SLOVENICA, SCI Journal, February 2020

Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, January 2020

TENSİDE SURFACTANTS DETERGENTS, SCI Journal, December 2019

Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, Other Journals, November 2019

GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, October 2019

JOURNAL OF CRYSTAL GROWTH, SCI Journal, September 2019

Industrial & Engineering Chemistry Research, SCI Journal, July 2019

JOURNAL OF CRYSTAL GROWTH, SCI Journal, May 2019

International Journal of Advances in Engineering and Pure Sciences, National Scientific Refreed Journal, April 2019  
Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, April 2019  
Journal of the Turkish Chemical Society, Section A, Other Indexed Journal, March 2019  
JOURNAL OF CLUSTER SCIENCE, SCI Journal, March 2019  
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, March 2019  
SN Applied Sciences, Other Indexed Journal, February 2019  
JOURNAL OF FOOD ENGINEERING, SCI Journal, February 2019  
SCIENTIFIC REPORTS, SCI Journal, January 2019  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, January 2019  
MAIN GROUP CHEMISTRY, SCI Journal, January 2019  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, December 2018  
International Journal of Advances in Engineering and Pure Sciences, National Scientific Refreed Journal, December 2018  
JOURNAL OF FOOD ENGINEERING, SCI Journal, December 2018  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, November 2018  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, October 2018  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, September 2018  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, SCI Journal, July 2018  
JOURNAL OF FOOD ENGINEERING, SCI Journal, June 2018  
JOURNAL OF FOOD ENGINEERING, SCI Journal, May 2018  
JOURNAL OF FOOD ENGINEERING, SCI Journal, April 2018  
JOURNAL OF CRYSTAL GROWTH, SCI Journal, April 2018  
JOURNAL OF FOOD ENGINEERING, SCI Journal, March 2018  
JOURNAL OF FOOD ENGINEERING, SCI Journal, January 2018  
CRYSTAL RESEARCH AND TECHNOLOGY, SCI Journal, December 2017  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, December 2017  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, December 2017  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, November 2017  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, November 2017  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, October 2017  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, October 2017  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, October 2017  
JOURNAL OF FOOD ENGINEERING, SCI Journal, October 2017  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, May 2017  
INDIAN JOURNAL OF PHYSICS, SCI Journal, April 2017  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, February 2017  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, December 2016  
Australian Journal of Basic and Applied Sciences, Other Indexed Journal, December 2016  
Journal of Mechanical Engineering and Sciences, Other journals, November 2016  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, September 2016  
CRYSTAL GROWTH & DESIGN, Journal Indexed in SCI-E, August 2016  
CRYSTAL GROWTH & DESIGN, SCI Journal, July 2016  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, SCI Journal, July 2016  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, March 2016  
Asian Journal of Urology, Other Indexed Journal, February 2016  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, December 2015  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, September 2015  
LANGMUIR, SCI Journal, July 2015  
TENSIDE SURFACTANTS DETERGENTS, SCI Journal, October 2014  
Turkish Journal of Chemistry, SCI Journal, May 2013

## **Tasks In Event Organizations**

Saraç Özkan A., San N., Şakar Daşdan D., Akyol E., Altıkatoğlu Yapaöz M., Uğraşkan V., Bilgi M., Işık B., Cankurtaran Ö., Derman S., et al., 31. Ulusal Kimya Kongresi, Scientific Congress, İstanbul, Turkey, Eylül 2019  
Akyol E., Uluslararası Yapılarda Kimyasal Katkılar 5. Sempozyumu ve Sergisi, Scientific Congress, Ankara, Turkey, Ekim 2017  
Akyol E., 3rd International Conference of Chemical Engineering and Industrial Biotechnology, Scientific Congress, Malaysia, Kasım 2016  
Akyol E., III. Tehlikeli Kimyasalların Yönetimi Sempozyumu ve Sergisi, Scientific Congress, Ankara, Turkey, Mayıs 2015  
Doğan Aydeniz Ö., AKYOL E., 25th European Crystallographic Meeting, Scientific Congress, İstanbul, Turkey, Ağustos 2009

## **Mobility Activity**

Erasmus Programme, Lecturing, Universidad de Valladolid, Spain, 2014 - 2014  
Erasmus Programme, Lecturing, Almeria University, Spain, 2013 - 2013

## **Invited Congress and Symposium Activities**

5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, Session Moderator, İstanbul, Turkey, 2019  
31. Ulusal Kimya Kongresi, Moderator, İstanbul, Turkey, 2019  
5th International Conference on New Trends in Chemistry, Attendee, Athens, Greece, 2019  
5th International Conference on New Trends in Chemistry, Session Moderator, Athens, Greece, 2019  
4th International Conference on Advances in Mechanical Engineering, Session Moderator, İstanbul, Turkey, 2018  
13. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ (UKMK-2018), Attendee, Van, Turkey, 2018  
Sixth European Conference on Crystal Growth, Attendee, Varna, Bulgaria, 2018  
4th International Conference on New Trends in Chemistry (ICNTC 2018), Session Moderator, Sankt-Peterburg, Russia, 2018  
4th International Conference on New Trends in Chemistry (ICNTC 2018), Attendee, Sankt-Peterburg, Russia, 2018  
International Conference on Engineering Technologies, Attendee, Konya, Turkey, 2017  
4th International Conference on Materials Science and Nanotechnology For Next Generation, MSNG-2017, Attendee, Sarajevo, Bosnia And Herzegovina, 2017  
3rd International Conference on New Trends in Chemistry, Attendee, Helsinki, Finland, 2017  
3rd International Conference on New Trends in Chemistry, Session Moderator, Helsinki, Finland, 2017  
Changing Governance in Higher Education-Collaborative Working, Attendee, Portugal, 2016  
International Conference on Chemical and Biochemical Engineering, Attendee, Paris, France, 2015  
Erasmus+Staff week, Attendee, Finland, 2015  
2nd International Conference on Bioinspired and Biobased Chemistry & Materials, Attendee, Nice, France, 2014  
2nd International Conference On Environmental Science And Technology, Attendee, --Seçiniz--, Turkey, 2014  
17th International Conference on Crystal Growth and Epitaxy, Attendee, Poland, 2013  
IV International Week, Attendee, Spain, 2013  
10. Ulusal Kimya Mühendisliği Kongresi, Attendee, İstanbul, Turkey, 2012  
44th American Chemical Society National Meeting & Exposition, Philadelphia, Attendee, United States Of America, 2012  
18th International Symposium on Industrial Crystallization, Attendee, Zürich, Switzerland, 2011  
Dokuzuncu Ulusal Kimya Mühendisliği Kongresi, Attendee, Ankara, Turkey, 2010  
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, Attendee, Antalya, Turkey, 2010  
25th European Crystallographic Meeting, Attendee, İstanbul, Turkey, 2009  
XXII. Ulusal Kimya Kongresi, Attendee, Gazimagusa, Cyprus (Kktc), 2008  
Sekizinci Ulusal Kimya Mühendisliği Kongresi, Attendee, Malatya, Turkey, 2008  
SusChem 6th Stakeholder Meeting and Brokerage Event, Attendee, Berlin, Germany, 2008  
XV. Ulusal Biyoteknoloji Kongresi, Attendee, Antalya, Turkey, 2007  
24th European Crystallographic Meeting, Attendee, Marrâkush, Morocco, 2007

German-Turkish University Conference and Project Marketplace on Applied Research and Innovation, Attendee, Braunschweig, Germany, 2007

Yedinci Ulusal Kimya Mühendisliği Kongresi, Attendee, Eskişehir, Turkey, 2006

1. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Attendee, Ankara, Turkey, 2006

XX Congress of the International Union of Crystallography, Attendee, Firenze, Italy, 2005

International Workshop on Bioengineering; Problems and Perspectives, Attendee, İstanbul, Turkey, 2004

Turkish-Greek-German Symposium, Attendee, İstanbul, Turkey, 2004

6. Ulusal Kimya Mühendisliği Kongresi, Attendee, İzmir, Turkey, 2004

Workshop on Advance in Sensoring Industrial Crystallization, Attendee, İstanbul, Turkey, 2003

Dördüncü Ulusal Kimya Mühendisliği Kongresi, Attendee, İstanbul, Turkey, 2000

218th ACS National Meeting Symposium, Attendee, Louisiana, United States Of America, 1999

## Citations

Total Citations (WOS):193

h-index (WOS):6