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Education Information

Doctorate, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey 1998 - 2003

Post Graduate, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey 1995 - 1998

Under Graduate, İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1990 - 1994

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği, İSTANBUL ÜNİVERSİTESİ Sürekli Eğitim Uygulams ve Araştırma Merkezi, 2014

Dissertations

Doctorate, DİMER ASİTLERİN POLİAMİNLERLE POLİMERİZASYON REAKSİYONUNUN İNCELENMESİ, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, 2003

Post Graduate, ÖZÜTLEME FERMENTASYONU İLE ETİL ALKOL ÜRETİMİ, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, 1998

Research Areas

Chemical Engineering and Technology, Chemical Technologies, Polymer Technology, Chemistry, Physical Chemistry, Polymeric Solutions, Electrochemistry, Conductive Polymers, Characterization of Polymers, Polymeric Materials, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - Continues

Associate Professor, Istanbul University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2012 - 2017

Assistant Professor, Istanbul University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2006 - 2012

Research Assistant PhD, İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2003 - 2006

Research Assistant, İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2000 - 2003

Research Assistant, İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Bölümü, 1996 - 1998

Courses

Uzmanlık Alan Dersi, Doctorate, 2015 - 2016

Uzmanlık Alan Dersi, Post Graduate, 2013 - 2014, 2015 - 2016

Biyopolimerler, Post Graduate, 2012 - 2013, 2014 - 2015, 2015 - 2016

Polimerlerin Karakterizasyonu, Post Graduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016

Mathematical Modelling in Chemical Engineering, Under Graduate, 2012 - 2013, 2013 - 2014, 2015 - 2016

Instrumental Analysis, Under Graduate, 2012 - 2013, 2013 - 2014

POLİMERLERİN KARAKTERİZASYONU, Post Graduate, 2012 - 2013

INSTRUMENTAL ANALYSIS (ORTAK), Under Graduate, 2012 - 2013

Advising Theses

ÇAVUŞ S., UYARIYA DUYARLI NANOJELLERİN SENTEZİ VE KARAKTERİZASYONU, Post Graduate, S.SAĞLAM(Student), 2019

ÇAVUŞ S., POLİ(VİNİL ALKOL) ESASLI POLİMER JEL ELEKTROLİTLERİN HAZIRLANMASI VE İYONİK İLETKENLİK ÖZELLİKLERİNİN İNCELENMESİ, Post Graduate, E.DURGUN(Student), 2019

ÇAVUŞ S., ORGANOJELLER İLE ÇÖZÜCÜ KARIŞIMLARININ AYRILMASININ İNCELENMESİ, Post Graduate, A.DİLEK(Student), 2019

ÇAVUŞ S., Organojellerin Sentezi, Karakterizasyonu ve Uygulamaları, Post Graduate, F.ÖZDEMİR(Student), 2016

ÇAVUŞ S., POLİMER JEL ELEKTROLİTLERİN HAZIRLANMASI VE İYONİK İLETKENLİK ÖZELLİKLERİNİN İNCELENMESİ, Post Graduate, M.YILDIRAN(Student), 2013

SEVGİLİ L. M. , ÇAVUŞ S., Fenil Propanoid ve Terpenoid Karışımlarının Jel Ekstraksiyonu ile Ayrılmasının İncelenmesi, Post Graduate, Ü.Kayman(Student), 2013

ÇAVUŞ S., TOLUENİN ALİFATİK HİDROKARBONLARLA OLUŞTURDUĞU İKİLİ KARIŞIMLARININ AYRILMASININ İNCELENMESİ, Post Graduate, S.TOPRAK(Student), 2011

ÇAVUŞ S., İNORGANİK DOLGULARIN, HİDROJELLERİN ŞİŞME DAVRANIŞI VE MEKANİK ÖZELLİKLERİ ÜZERİNDEKİ ETKİSİNİN İNCELENMESİ, Post Graduate, G.YAŞAR(Student), 2010

ÇAVUŞ S., N-VİNİLKAPROLAKTAM ESASLI JELLERİN SENTEZİ VE KARAKTERİZASYONU, Post Graduate, E.ÇAKAL(Student), 2009

Jury Memberships

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, February, 2021

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, July, 2020

Doctorate, Doctorate, İstanbul Üniversitesi-Cerrahpaşa, June, 2020

Post Graduate, Tez Savunma (Yüksek Lisans), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, November, 2019

Post Graduate, Tez Savunma (Yüksek Lisans), İstanbul Üniversitesi-Cerrahpaşa Lisansüstü Eğitim Enstitüsü, June, 2019

Post Graduate, Tez Savunma (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, July, 2018

Post Graduate, Tez Savunma (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, June, 2018

Post Graduate, Tez Savunma Yüksek Lisans, Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, October, 2017

Doctorate, Tez Savunma (Doktora), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, July, 2017

Post Graduate, Tez Savunma (Yüksek Lisans), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, May, 2017

Post Graduate, Tez Savunma (Yüksek Lisans), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, May, 2017

Post Graduate, Tez Savunma (Yüksek Lisans), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, May, 2017
Post Graduate, Tez Savunma (Yüksek Lisans), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, May, 2017
Post Graduate, Tez Savunma Yüksek Lisans, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, February, 2017
Post Graduate, Tez Savunma (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, January, 2017
Post Graduate, Tez Savunma Yüksek Lisans, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, December, 2016
Post Graduate, Tez Savunma (Yüksek Lisans), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, November, 2016
Post Graduate, Tez Savunma (Yüksek Lisans), Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü, November, 2016
Post Graduate, Yüksek Lisans Tez Savunma Sınavı, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, June, 2016
Post Graduate, Tez Savunma Jürisi, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, January, 2016
Post Graduate, Tez Savunma Jürisi, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, July, 2015
Doctorate, Tez Savunma Jürisi, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, July, 2015
Post Graduate, Tez Savunma Jürisi, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, July, 2015
Post Graduate, Yüksek Lisans Tez Jürisi, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, January, 2015
Post Graduate, Tez Savunma, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, January, 2015
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, April, 2014
Post Graduate, Tez Savunma Jürisi, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, February, 2014
Post Graduate, Tez Savunma Jürisi, İstanbul Üniversitesi Fen Bilimleri Enstitüsü, December, 2013
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, May, 2013
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, January, 2013
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, January, 2013
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, December, 2012
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, July, 2011
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, July, 2009
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, February, 2009
Post Graduate, Tez Savunma Jürisi (Yüksek Lisans), İstanbul Üniversitesi Fen Bilimleri Enstitüsü, September, 2008

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

- I. **Palladium (II) complexes with thione and thioalkylated thiosemicarbazones: Electrochemical, antimicrobial and thermogravimetric investigations**
Eğlence-Bakır S., ŞAHİN M., Salt B. Z., Tüzün E., Kara E. M., Atun G., Çavuş S., Kızılcıklı İ.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.237, 2020 (Journal Indexed in SCI Expanded)
- II. **2-Acrylamido-2-methyl-1-propane Sulfonic Acid Based Ionic Liquid: Structural and Thermal Characterization**
Cavus S., Gul G.
ACTA PHYSICA POLONICA A, vol.137, no.4, pp.554-556, 2020 (Journal Indexed in SCI)
- III. **Poly(dodecyl methacrylate-co-2-(diethylamino)ethyl methacrylate) Gels: Characterization and Solubility Parameters**
Ozdemir F., Cavus S.
ACTA PHYSICA POLONICA A, vol.137, no.4, pp.519-522, 2020 (Journal Indexed in SCI)
- IV. **Liquid-Liquid Extraction of Linalool from Methyl Eugenol with 1-Ethyl-3-methylimidazolium Hydrogen Sulfate [EMIM][HSO₄] Ionic Liquid**
Erkoc T., SEVGİLİ L. M., ÇAVUŞ S.
OPEN CHEMISTRY, vol.17, no.1, pp.564-570, 2019 (Journal Indexed in SCI)
- V. **Removal of Cu(II), Ni(II) and Zn(II) from aqueous solutions using poly(2-acrylamido-2-methyl-1-propanesulfonic acid) gel: sorption kinetics and characterization**
ÇAVUŞ S., KAYA Y., Gonder Z. B., GÜRDAĞ G., VERGİLİ İ.
DESALINATION AND WATER TREATMENT, vol.133, pp.348-358, 2018 (Journal Indexed in SCI)
- VI. **Poly(2-acrylamido-2-methyl-1-propane sulfonic acid-co-1-vinyl-2-pyrrolidone) Hydrogel and its use**

in the Removal of Cd(II), Pb(II) and Cu(II)

Cavus S., Cakal E.

ACTA PHYSICA POLONICA A, vol.132, no.3, pp.505-508, 2017 (Journal Indexed in SCI)

- VII. **Swelling behaviors of poly(dodecyl methacrylate-co-methyl eugenol) and poly(dodecyl methacrylate-co-methyl chavicol) gels in essential oil components**
SEVGİLİ L. M. , GÖK A., Kayman U., ÇAVUŞ S.
CHEMICAL PAPERS, vol.71, no.8, pp.1399-1408, 2017 (Journal Indexed in SCI)
- VIII. **Lead removal from battery wastewater using synthesized poly(ethyleneglycol dimethacrylatemethacrylic acid) gel bead and poly(methacrylic acid) hydrogel**
VERGİLİ İ., ÖZÇELEP Z. B. , KAYA Y., GÜRDAĞ G., ÇAVUŞ S.
POLYMER BULLETİN, vol.74, pp.2605-2624, 2017 (Journal Indexed in SCI)
- IX. **Lead removal from battery wastewater using synthesized poly(ethyleneglycol dimethacrylate-methacrylic acid) gel bead and poly(methacrylic acid) hydrogel**
Vergili İ., Gonder Z. B. , Kaya Y., Gurdag G., Cavus S.
Polymer Bulletin, vol.74, no.7, pp.2605-2624, 2017 (Journal Indexed in SCI Expanded)
- X. **Sorption of Pb (II) from battery industry wastewater using a weak acid cation exchange resin**
VERGİLİ İ., Gonder Z. B. , KAYA Y., GÜRDAĞ G., ÇAVUŞ S.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.107, pp.498-507, 2017 (Journal Indexed in SCI)
- XI. **Synthesis and characterization of gel beads based on ethyleneglycol dimethacrylate and 2-acrylamido-2-methyl-1-propane sulfonic acid: Removal of Fe(II), Cu(II), Zn(II), and Ni(II) from metal finishing wastewater**
Çavuş S., Yaşar G., Kaya Y., Gönder Z. B. , Gürdağ G., Vergili İ.
Process Safety and Environmental Protection, vol.103, pp.227-236, 2016 (Journal Indexed in SCI)
- XII. **Poly(ethylene glycol)/poly(2-acrylamido-2-methyl-1-propane sulfonic acid) gel electrolytes: a detailed investigation of their conductivity and characterization**
Cavus S., Yildiran M.
IONICS, vol.22, no.7, pp.1059-1073, 2016 (Journal Indexed in SCI)
- XIII. **Poly(vinyl alcohol) Based Polymer Gel Electrolytes: Investigation on Their Conductivity and Characterization**
Cavus S., Durgun E.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.621-624, 2016 (Journal Indexed in SCI)
- XIV. **Solvent dependent swelling behaviour of poly(N-vinylcaprolactam) and poly(N-vinylcaprolactam-co-itaconic acid) gels and determination of solubility parameters**
Cavus S., Cakal E., Sevgili L. M.
CHEMICAL PAPERS, vol.69, no.10, pp.1367-1377, 2015 (Journal Indexed in SCI)
- XV. **Swelling of N-vinylcaprolactam-dodecyl methacrylate gel in {heptane plus toluene} mixtures**
Sevgili L. M. , Toprak S., Cavus S.
CHEMICAL PAPERS, vol.69, no.5, pp.668-678, 2015 (Journal Indexed in SCI)
- XVI. **Study of the Removal of Pb(II) Using a Weak Acidic Cation Resin: Kinetics, Thermodynamics, Equilibrium, and Breakthrough Curves**
Vergili I., Soltobaeva G., Kaya Y., Gonder Z. B. , Cavus S., Gurdag G.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.52, no.26, pp.9227-9238, 2013 (Journal Indexed in SCI)
- XVII. **Synthesis and Characterization of Novel Poly(N-vinylcaprolactam-co-itaconic Acid) Gels and Analysis of pH and Temperature Sensitivity**
Cavus S., Cakal E.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.51, no.3, pp.1218-1226, 2012 (Journal Indexed in SCI)
- XVIII. **Synthesis and characterization of poly(vinyl alcohol) proton exchange membranes modified with 4,4-diaminodiphenylether-2,2-disulfonic acid**
Boroglu M., Cavus S., Boza I., Ata A.
EXPRESS POLYMER LETTERS, vol.5, no.5, pp.470-478, 2011 (Journal Indexed in SCI)
- XIX. **Poly(methacrylamide-co-2-acrylamido-2-methyl-1-propanesulfonic acid) Hydrogels: Investigation of**

pH- and Temperature-Dependent Swelling Characteristics and Their Characterization

Cavus S.

JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, vol.48, no.23, pp.2497-2508, 2010 (Journal Indexed in SCI)

- XX. **Novel Poly(N-vinylcaprolactam-co-2-(diethylamino)ethyl methacrylate) Gels: Characterization and Detailed Investigation on Their Stimuli-Sensitive Behaviors and Network Structure**
Cakal E., Cavus S.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.49, no.22, pp.11741-11751, 2010 (Journal Indexed in SCI)
- XXI. **Noncompetitive Removal of Heavy Metal Ions from Aqueous Solutions by Poly[2-(acrylamido)-2-methyl-1-propanesulfonic acid-co-itaconic acid] Hydrogel**
Cavus S., Gurdag G.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.48, no.5, pp.2652-2658, 2009 (Journal Indexed in SCI)
- XXII. **The preparation and characterization of poly(acrylic acid-co-methacrylamide) gel and its use in the non-competitive heavy metal removal**
Cavus S., Gurdag G., Sozgen K., Gurkaynak M. A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.20, no.3, pp.165-172, 2009 (Journal Indexed in SCI)
- XXIII. **Competitive heavy metal removal by poly(2-acrylamido-2-methyl-1-propane sulfortric acid-co-itaconic acid)**
Cavus S., Guerdag G.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.19, no.9, pp.1209-1217, 2008 (Journal Indexed in SCI)
- XXIV. **Synthesis and swelling behavior of pH- and temperature-sensitive poly[2-(dimethylamino)ethyl methacrylate-co-2-acrylamido-2-methylpropane-1-sulfonic acid] hydrogels**
ÇAVUŞ S., Gurdag G.
POLYMER BULLETIN, vol.58, no.1, pp.235-242, 2007 (Journal Indexed in SCI)
- XXV. **Synthesis and swelling behavior of poly(2-dimethylaminoethyl methacrylate-co-N-hydroxymethyl acrylamide) hydrogels**
Gurdag G., ÇAVUŞ S.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.17, pp.878-883, 2006 (Journal Indexed in SCI)
- XXVI. **The competitive heavy metal removal by hydroxyethyl cellulose-g-poly(acrylic acid) copolymer and its sodium salt: The effect of copper content on the adsorption capacity**
Cavus S., Gurdag G., Yasar M., Guclu K., Gurkaynak M. A.
POLYMER BULLETIN, vol.57, no.4, pp.445-456, 2006 (Journal Indexed in SCI)
- XXVII. **Influence of monofunctional reactants on the physical properties of dimer acid-based polyamides**
Cavus S., Gurkaynak M.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.17, no.1, pp.30-36, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Fermentasyonla Etil Alkol Üretimi Üzerine Çözücü Etkisi**
KIRBAŞLAR Ş. İ., ÇAVUŞ S., DRAMUR M. U.
DEÜ MÜHENDİSLİK FAKÜLTESİ FEN VE MÜHENDİSLİK DERGİSİ, vol.2, no.3, pp.13-21, 2000 (National Refreed University Journal)
- II. **Fermentasyonla etil alkol üretimi üzerine çözücü etkisi**
KIRBAŞLAR Ş. İ., ÇAVUŞ S., DRAMUR M. U.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Bilimleri Dergisi, vol.3, pp.13-21, 2000 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Solvent Dependent Swelling Characteristics and Solubility Parameters of Poly(dodecyl methacrylate-co-2- (diethylamino)ethyl methacrylate) Gels**
Özdemir F., ÇAVUŞ S.
ICCESEN-2019, Antalya, Turkey, 23 October - 27 November 2019, pp.347
- II. **2-Acrylamido-2-methyl-1-propane sulfonic acid Based Ionic Liquid: Detailed Thermal and Structural Characterization**
Gül G., ÇAVUŞ S.
ICCESEN-2019, Antalya, Turkey, 23 October - 20 November 2019, pp.317
- III. **Detailed Characterization of Ibuprofen**
Erkoç T., SEVGİLİ L. M. , ÇAVUŞ S.
5th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2018), Antalya, Turkey, 12 - 16 October 2018, pp.432
- IV. **Poly(vinyl alcohol)/2-hydroxyethyl Cellulose Tablet Systems for Ibuprofen Release and Determination of the Infiltration and Erosion Rates**
Erkoç T., SEVGİLİ L. M. , ÇAVUŞ S.
5th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2018), Antalya, Turkey, 12 - 16 October 2018, pp.480
- V. **EVALUATION OF THE INFILTRATION AND EROSION RATES OF 2-HYDROXYETHYL CELLULOSE-HALLOYSITE NANOCCLAY/ POLY (VINYL ALCOHOL)/ SYSTEM FOR IBUPROFEN**
Erkoç T., SEVGİLİ L. M. , ÇAVUŞ S.
1st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation(ISGRS 2018), İstanbul, Turkey, 4 - 06 October 2018, pp.227
- VI. **"Polyvinylpyrrolidone/hydroxypropyl cellulose tablet systems for ibuprofen release**
Erkoç T., SEVGİLİ L. M. , ÇAVUŞ S.
The International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology (IMSMATEC 2018), İzmir, Turkey, 10 - 12 April 2018, pp.655
- VII. **Swelling behaviors of poly(dodecyl methacrylate-co-methyl eugenol) and poly(dodecyl methacrylate-co-methyl chavicol) gels in essential oil components and in solvents with different functional groups**
SEVGİLİ L. M. , GÖK A., KAYMAN Ü., ÇAVUŞ S.
BIT's 1st Annual Conference of Quatum World 2017, Changsha, China, 16 - 18 October 2017, pp.82
- VIII. **Swelling Behaviors and Diffusion Mechanism of N-Vinyl Caprolactam-dodecyl methacrylate Gels in Various Essential Oil Components**
SEVGİLİ L. M. , KAYMAN Ü., ÇAVUŞ S.
BIT's 1st Annual Conference of Quantum World 2017, Changsha, China, 16 - 18 October 2017, pp.126
- IX. **Liquid-Liquid Extraction of Linalool from Methyl Eugenol with 1-Ethyl-3-methylimidazolium Hydrogensulfate [EMIM][HSO₄]Ionic Liquid**
Erkoç T., Sevgili L. M. , Çavuş S.
ICCESEN 2017, 4th International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 4 - 08 October 2017, pp.712
- X. **Synthesis and Characterization of Ionic Liquid Based on 2-Acrylamido-2-methyl-1-propane sulfonic acid and Its Copolymer Gels with Methacrylamide**
Çavuş S., Gül G.
ICCESEN 2017, 4th International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 4 - 08 October 2017, pp.711
- XI. **"Poly(2-acrylamido-2-methyl-1-propanesulfonic acid) gel for competitive removal of Cu(II), Ni(II) and Zn(II) ions from aqueous solutions**
ÇAVUŞ S., VERGİLİ İ., KAYA Y., GÜRDAĞ G., ÖZÇELEP Z. B.
Environmental Management, Engineering, Planning and Economics (CEMEPE 2017) and SECOTOX Conference,

Selanik, Greece, 25 - 30 June 2017, pp.23

- XII. **The Swelling Behaviors Of Poly(2-acrylamido-2-methyl-1-propane Sulfonic Acid-co-1-vinyl-2-pyrrolidone) Hydrogels**
ÇAVUŞ S., ÇAKAL E.
7th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS 2017), Muğla, Turkey, 22 April - 26 June 2017, pp.67
- XIII. **Poly(2-acrylamido-2-methyl-1-propane sulfonic acid-co-N-vinyl pyrrolidone) Hydrogel and Its Use in the Removal of Cu(II), Pb(II) and Cd(II)**
ÇAVUŞ S., ÇAKAL E.
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016), Antalya, Turkey, 19 - 24 October 2016, pp.515
- XIV. **Preparation and characterization of poly(ethylene oxide)-methyl 2-hydroxyethyl cellulose gel electrolytes**
Akşit D., ÇAVUŞ S.
BiPoCo2016, Szeged, Hungary, 28 August - 01 September 2016, pp.28
- XV. **Structural and conductivity properties of nanocomposite gel electrolytes based on biopolymer**
Gül G., ÇAVUŞ S.
BiPoCo2016, Szeged, Hungary, 28 August - 01 September 2016, pp.4
- XVI. **Swelling behavior of poly(dodecyl methacrylate) and poly(dodecyl methacrylate-co-methacrylamide) gels: their characterization, solubility parameters and network characteristics**
Özdemir F., ÇAVUŞ S.
6th International Colloids Conference, Berlin, Germany, 19 - 22 June 2016
- XVII. **Gel Electrolytes Based on Poly(vinyl alcohol)/Poly(2-hydroxyethyl methacrylate): Application in Dye-Sensitized Solar Cells**
ÇAVUŞ S., Durgun E.
3rd International Congress on Energy Efficiency and Energy Related Materials (3rd ENEFM2015), Muğla, Turkey, 19 - 23 October 2015, pp.306
- XVIII. **Absorption of Benzene and Toluene from Aqueous Solutions by Poly(N-isopropyl acrylamide-co-dodecyl methacrylate)**
Dilek A., SEVGİLİ L. M. , ÇAVUŞ S.
10th European Congress of Chemical Engineering, Nice, France, 27 September - 01 October 2015, pp.1517
- XIX. **Ionic Conductivity and Characterization Study on Gel Electrolytes Based on Hydroxyethyl Cellulose**
ÇAVUŞ S., Yıldırım M.
ISPAC 2015, 28th International Symposium on Polymer Analysis and Characterization, Houston, United States Of America, 8 - 10 June 2015, pp.91
- XX. **Poly(vinyl alcohol) Based Polymer Gel Electrolytes: Investigation on Their Ionic Conductivity and Characterization**
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Preparation and characterization of poly(ethylene oxide)-methyl 2-hydroxyethyl cellulose gel electrolytes, Attendee, Szeged, Hungary, 2016

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