

## Prof. Dr. Ayfer SARAÇ ÖZKAN

### Kişisel Bilgiler

Web: <https://avesis.yildiz.edu.tr/asarac>

Posta Adresi: Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 34220 Esenler, İstanbul

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0003-1680-9093

Yoksis Araştırmacı ID: 174238

### Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Türkiye 1991 - 1998

Yüksek Lisans, Yıldız Teknik Üniversitesi, Mühendislik, Kimya Mühendisliği, Türkiye 1987 - 1990

Lisans, Yıldız Üniversitesi, Mühendislik, Kimya Mühendisliği, Türkiye 1982 - 1987

### Yabancı Diller

Almanca, B1 Orta

İngilizce, B2 Orta Üstü

### Araştırma Alanları

Kimya, Fizikokimya, Polimer Karakterizasyonu, Polimerik Malzemeler, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., Yıldız Teknik Üniversitesi, Fen Edebiyat, Kimya, 2011 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Preparation of partially neutralized poly(acrylic acid) microspheres via inverse pickering suspension polymerization**  
Ceylan O., Kaya M. A., Sarac A.  
POLYMER ENGINEERING AND SCIENCE, cilt.59, sa.1, ss.162-169, 2019 (SCI-Expanded)
- II. **Synthesis of Vinyl Acetate co Butyl Acrylate Latexes Investigation of the Effects of Polymerization Temperature on the Latex Properties**  
ŞİŞMANOĞLU S., SARAÇ A.  
IOSR Journal of Polymer and Textile Engineering, cilt.3, sa.5, ss.49-52, 2016 (SCI-Expanded)
- III. **Synthesis and electrical properties of hydrogen bonded liquid crystal polymer**  
Korkmaz B., Canli N., Ozdemir Z., Okutan M., Gursel Y. H., Saraç A., Şenkal B. F.  
JOURNAL OF MOLECULAR LIQUIDS, cilt.219, ss.1030-1035, 2016 (SCI-Expanded)
- IV. **Determination of Critical Micel Concentration of PEG 10 Tallow Propene Amine Effects of Salt and pH**

- ATACI N., SARAÇ A.  
American Journal of Analytical Chemistry, cilt.5, sa.1, ss.22-27, 2014 (SCI-Expanded)
- V. **Synthesis of ABA Type Block Copolymers of Poly Ethylene Glycol and Poly Dodecyl Vinyl Ether and Its Using as Surfactant in Emulsion Polymerization**  
GÜRSEL Y., SARAÇ A., ŞENKAL B. F.  
American Journal of Analytical Chemistry, cilt.5, sa.1, ss.39-44, 2014 (SCI-Expanded)
- VI. **Emulsion Polymerization of Vinyl Acetate in the Presence of a New Cationic Surfactant**  
SARAÇ A., ŞENKAL B. F., YILDIRIM M.  
American Journal of Analytical Chemistry, cilt.5, sa.1, ss.17-21, 2014 (SCI-Expanded)
- VII. **A comparative study on water-based coatings prepared in the presence of oligomeric and conventional protective colloids**  
BERBER H., SARAÇ A., Yildirim H.  
PROGRESS IN ORGANIC COATINGS, cilt.71, sa.3, ss.225-233, 2011 (SCI-Expanded)
- VIII. **Synthesis and characterization of water-based poly(vinyl acetate-co-butyl acrylate) latexes containing oligomeric protective colloid**  
Berber Yamak H., Saraç A., Yıldırım H.  
POLYMER BULLETIN, cilt.66, sa.7, ss.881-892, 2011 (SCI-Expanded)
- IX. **Removal of dyes from water using crosslinked aminomethane sulfonic acid based resin**  
Kaner D., Sarac A., Şenkal B. F.  
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, cilt.32, sa.4, ss.321-325, 2010 (SCI-Expanded)
- X. **Semibatch emulsion copolymerization in the presence of n-methylol acrylamide: effects of emulsifier type and concentration**  
Kahraman A., Sarac A.  
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.20, sa.3, ss.303-307, 2009 (SCI-Expanded)
- XI. **Electrical conductivity, thermoelectric power, and optical properties of organo-soluble polyaniline organic semiconductor**  
Yakuphanoglu F., Şenkal B. F., Sarac A.  
JOURNAL OF ELECTRONIC MATERIALS, cilt.37, sa.6, ss.930-934, 2008 (SCI-Expanded)
- XII. **Preparation of poly(glycidyl methacrylate) grafted sulfonamide based polystyrene resin with tertiary amine for the removal of dye from water**  
Senkal B. F., Bildik F., Yavuz E., Sarac A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.67, sa.12, ss.1471-1477, 2007 (SCI-Expanded)
- XIII. **A study of some equation-of-state parameters of poly(methylhydrosiloxane-co-dimethylsiloxane) with some solvents by gas chromatography**  
COSKUN S., Cankurtaran O., Eran B. B., Sarac A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.104, sa.3, ss.1627-1631, 2007 (SCI-Expanded)
- XIV. **Swelling behavior of polystyrene networks in some aliphatic esters and linear polystyrene solutions**  
Sakar D., Sarac A., Cankurtaran O., Karaman F.  
POLYMER BULLETIN, cilt.58, ss.305-312, 2007 (SCI-Expanded)
- XV. **Semi-continuous emulsion copolymerization of vinyl acetate and butyl acrylate using a new protective colloid. Part 2. Effects of monomer ratio and initiator**  
Sarac A., Berber H., Yildirim H.  
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.17, ss.860-864, 2006 (SCI-Expanded)
- XVI. **Semi-continuous emulsion copolymerization of vinyl acetate and butyl acrylate using a new protective colloid. Part 1. Effect of different emulsifiers**  
Sarac A., Yidirim H.  
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.17, ss.855-859, 2006 (SCI-Expanded)
- XVII. **Film formation stages for poly(vinyl acetate) latex particles: a photon transmission study**  
Kara S., Pekcan O., Sarac A., Arda E.  
COLLOID AND POLYMER SCIENCE, cilt.284, sa.10, ss.1097-1105, 2006 (SCI-Expanded)
- XVIII. **Vapor-induced film formation from low-T-g particles for different solvent compositions**

- Arda E., Kara S., Sarac A., Pekcan O.  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, cilt.297, sa.2, ss.520-524, 2006 (SCI-Expanded)
- XIX. **Preparation of a new polymeric surfactant for emulsion polymerization**  
Sarac A., Senkal B. F., Yavuz E., Guersel Y. H.  
MACROMOLECULAR SYMPOSIA, cilt.239, ss.43-50, 2006 (SCI-Expanded)
- XX. **Emulsion copolymerization of vinyl acetate and 2-ethyl hexyl acrylate using nonionic emulsifiers in loop reactor**  
Sarac A., Keklik M., Yidiz O., Yidirim H.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.98, sa.3, ss.1380-1384, 2005 (SCI-Expanded)
- XXI. **The ratio of crystallinity and thermodynamical interactions of polycaprolactone with some aliphatic esters and aromatic solvents by inverse gas chromatography**  
Sarac A., Sakar D., Cankurtaran O., Karaman F.  
POLYMER BULLETIN, cilt.53, ss.349-357, 2005 (SCI-Expanded)
- XXII. **Synthesis and characterization of new alternating, amphiphilic, comblike copolymers of poly(ethylene oxide) macromonomer and N-phenylmaleimide**  
Cianga L., Sarac A., Ito K., Yagci Y.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.43, sa.3, ss.479-492, 2005 (SCI-Expanded)
- XXIII. **Determination of rate of crystallinity and thermodynamical interaction parameters of polycaprolactone with some solvents by gas chromatography**  
Sarac A., Cankurtaran O., Yilmaz F.  
MACROMOLECULAR SYMPOSIA, cilt.217, ss.301-306, 2004 (SCI-Expanded)
- XXIV. **Semicontinuous emulsion copolymerization of vinyl acetate and butyl acrylate using different initiators and different chain length emulsifiers**  
SARAÇ A.  
MACROMOLECULAR SYMPOSIA, cilt.217, ss.161-167, 2004 (SCI-Expanded)
- XXV. **Effect of initiators and ethoxylation degree of non-ionic emulsifiers on vinyl acetate and butyl acrylate emulsion copolymerization in the loop reactor**  
Sarac A., Yidirim H.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.90, sa.2, ss.537-543, 2003 (SCI-Expanded)
- XXVI. **Determination of some thermodynamical interaction parameters of polycaprolactone with some solvents by inverse gas chromatography**  
Sarac A., Ture A., Cankurtaran O., Yilmaz F.  
POLYMER INTERNATIONAL, cilt.51, ss.1285-1289, 2002 (SCI-Expanded)
- XXVII. **Semicontinuous emulsion polymerization of vinyl acetate: Effect of ethoxylation degree of nonionic emulsifiers**  
Sarac A., Erbil H., Yildirim H.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.86, sa.4, ss.844-851, 2002 (SCI-Expanded)
- XXVIII. **Equation-of-state exchange parameters of poly(methyl methacrylate) with some aliphatic esters**  
Cankurtaran Ö., Saraç A., Yilmaz F.  
European Polymer Journal, cilt.37, ss.747-751, 2001 (SCI-Expanded)
- XXIX. **Heat Transfers from Gaseous Fuel Oxygen Flames to Metals**  
GÜLEN F. J., KADIRGAN M. A. N., SARAÇ A.  
Applied Energy, cilt.39, ss.201-205, 1991 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Su Bazlı Yapı Son Kat Boyaları Ve Beklentiler**  
SARAÇ A., ELGİN C.  
Boyatürk, sa.65, ss.12-14, 2016 (Hakemli Dergi)
- II. **Boru Reaktörde Farklı Bağlayıcıların Yüksek Performanslı Üretimi**

TURHAN K., SARAÇ A., YILDIRIM H.  
Kimya Teknolojileri, sa.12, ss.68-71, 2006 (Hakemsiz Dergi)

## Kitap & Kitap Bölümleri

- I. **Synthesis and Characterization of Water and Poly(vinyl acetate) Based Wood Adhesives**  
Saraç Özkan A.  
Polymer science: research advances, practical applications and educational aspects, A. Méndez-Vilas ;A. Solano, Editör, FORMATEX , Badajoz, ss.537-543, 2016
- II. **Synthesis and Characterization of Water and Poly(vinyl acetate) Based Wood Adhesives**  
SARAÇ A., ELGİN C., YEŞİLBAŞ ŞEN P.  
Polymer science research advances practical applications and educational aspects, A. MÉNDEZ-VÍLAS; A. SOLANO, Editör, FORMATEX, ss.537-543, 2016
- III. **The Mechanical Properties of Water-Based Emulsion Polymers: Effect of Reaction Conditions**  
Saraç A., Turhan K.  
Innovations in Chemical Biology, Bilge ŞENER, Editör, Springer-Verlag , Dordrecht, ss.405-409, 2009
- IV. **The Mechanical Properties of Water-Based Emulsion Polymers: Effect of Reaction Conditions**  
TURHAN K., SARAÇ A.  
Innovations in Chemical Biology, Bilge Sener, Editör, Springer Science + Business Media B.V., ss.405-409, 2009

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Metal/Insulating Poly(vinyl acetate) Latex with Silicon Surfactant /Si MIS Structure**  
Çalışkan M., Kuruoğlu F., Süngü Mısırlıoğlu B., Serin M., Yılmaz M., Saraç Özkan A.  
Turkish Physical Society 35rd International Physical Congress, MUĞLA, Turkey., Muğla, Türkiye, 4 - 08 Eylül 2019, ss.344-0
- II. **Impedance Spectrum of Poly(vinyl acetate) Latex with Silicon Surfactant**  
SÜNGÜ MISIRLIOĞLU B., Gülşen D., GÜVEN ÖZDEMİR Z., ÇALIŞKAN M., SARAÇ A., SERİN M.  
Turkish Physical Society 33rd International Physical Congress, 6 - 10 Eylül 2017, ss.616
- III. **Silikon Esaslı Dış Cephe Boyaları**  
AK K., SARAÇ A.  
8.Ulusal Kimya Öğrenci Kongresi, Türkiye, 16 - 18 Mayıs 2017
- IV. **Pigmentler**  
ARAS N., SARAÇ A.  
8. Ulusal Kimya Öğrenci Kongresi, Türkiye, 16 - 18 Mayıs 2017
- V. **Effects of Silicon Surfactant Concentration on the Formation of Micel in Emulsion Polymerization**  
SARAÇ A., GÜLŞEN D.  
JCF-Frühjahrssymposium-2017, Mainz, Almanya, 29 Mart - 01 Nisan 2017
- VI. **New Generation Water Based Emulsion Polymers**  
KARADEMİR S., GİDEN V., SARAÇ A.  
JCF-Frühjahrssymposium, Kiel, Almanya, 16 - 19 Mart 2016
- VII. **The Effects of Binder and Filler Types and Concentrations on Physicochemical Properties of Water borne Paints**  
BOZKIR B., GİDEN V., KARADEMİR S., SARAÇ A.  
JCF-Frühjahrssymposium, Kiel, Almanya, 16 Mart 2017 - 19 Mart 2016
- VIII. **Investigation of The Effects of Polymerization Temperature on The Latex Properties**  
ŞİŞMANOĞLU S., SARAÇ A.  
International Turkish Congress on Molecular Spectroscopy (TURCMOS2015), 13 - 18 Eylül 2015
- IX. **Semicontinuous Emulsion Copolymerization of Vinyl acetate and Butyl acrylate with Nonionic**

## **Surfactants (Triton X Series)**

Karacetin G., Sarac A.

15th International Conference on Polymers and Organic Chemistry (POC), Timisoara, Romanya, 10 - 13 Haziran 2014, cilt.352, ss.72-77

- X. **Su Bazlı Boyaların Film Özellikleri Üzerine Dolgu Türü ve Konsantrasyonunun Etkileri**  
YILDIRIM M., ARIKAN S., BERNA B., SARAÇ A.  
V. Fiziksel Kimya Günleri, Türkiye, 16 - 19 Mayıs 2015
- XI. **Su Bazlı Boyaların Fizikokimyasal Özellikleri Üzerine Bağlayıcı ve Dolgu Yüzdesinin Etkileri**  
YILDIRIM M., Ceren B., Meriç M., SARAÇ A.  
V. Fiziksel Kimya Günleri, Türkiye, 16 - 19 Mayıs 2015
- XII. **Silica Type Effect on Superhydrophobic Surface Properties of PDMS-Silica Coatings**  
Büyükolca G., Saraç A., DENİZ S.  
30. European Conference on Surface Science (ECOSS-30), Antalya, Türkiye, 31 Ağustos 2014, ss.297-0
- XIII. **Fabrication of Superhydrophobic PDMS-Silica Nanocomposite Coatings**  
Büyükolca G., Saraç A., DENİZ S.  
2. International Surface Treatment Symposium (ISTS-2014), İstanbul, Türkiye, 25 Haziran 2014
- XIV. **The Salt Effects on the Emulsion Copolymers of Vinyl Acetate and Butyl Acrylate**  
SARAÇ A.  
11th International Symposium on Polymers for Advanced Technologies (PAT 2011), 01 Ekim 2012
- XV. **Salt Effect on Colloidal Stabilization of Water-Based Emulsion Copolymers**  
SARAÇ A.  
Paintistanbul 2012, 01 Eylül 2012
- XVI. **Synthesizing Well-Defined Water-Based Latexes**  
SARAÇ A.  
Paintistanbul 2012, 01 Eylül 2012
- XVII. **Kesikli ve Yarı-Süreklî Emülsiyon Polimerizasyonu: Karşılaştırmalı Deneysel Bir Çalışma**  
SARAÇ A.  
III. Fiziksel Kimya Günleri, 01 Temmuz 2012
- XVIII. **Emülsiyon Polimerlerinin Özellikleri Üzerine Farklı Tuzların Etkisi**  
SARAÇ A.  
6. Ulusal Analitik Kimya Kongresi, 01 Temmuz 2012
- XIX. **Effects of Feeding Type on the Properties of Emulsion Copolymers**  
SARAÇ A.  
12th Eurasia Chemical Sciences Conference, 01 Nisan 2012
- XX. **Effect of the Cationic Surfactant and Salt on plasmid DNA Precipitation: Role of the Surface Charge on Precipitation System**  
ATACI N., SARAÇ A.  
11. International Symposium on Polymers for Advanced Technologies, 01 Ekim 2011
- XXI. **Plasmid DNA precipitation in the presence of cationic surfactant/salt: effect of the surface charge on precipitation**  
Ataci N., Sarac A., ARISAN İ.  
European Biotechnology Congress, İstanbul, Türkiye, 28 Eylül - 01 Ekim 2011, cilt.22
- XXII. **Precipitation in the presence of cationic surfactant/salt; effect of the surface charge on precipitation**  
ATACI N., Saraç A., Arisan İ.  
European Biotechnology Congress, 01 Eylül 2011
- XXIII. **Electrical, Film and Surface Properties of Water-Based Latexes Prepared by Semicontinuous Emulsion Polymerization**  
KAHRAMAN A., SARAÇ A.  
10th International Workshop on Polymer Reaction Engineering, Hamburg, Almanya, 10 - 13 Ekim 2010, cilt.302, ss.266-272
- XXIV. **Effect of NaCl on Plasmid DNA Presipitation with a Cationic Surfactant in Aqueous Solution**

Atacı N., Karaca Balta D., Saraç Özkan A., Arısan I.

Chemical Physics IX , İzmir, Türkiye, 14 - 16 Ekim 2010, ss.122

- XXV. **Investigation of Water-Based Emulsions: Surface and Film-Forming Properties**  
Tiğci Y., SARAÇ A.  
48th Microsymposium on Polymer Colloids - From Design to Biomedical and Industrial Applications, Prague, Çek Cumhuriyeti, 20 - 24 Temmuz 2008, cilt.281, ss.206-212
- XXVI. **Determination of gelation and curing time of various acrylic polymers**  
KÜÇÜK İ., SARAÇ A., YILDIRIM H.  
9th International Symposium on Polymers for Advanced Technologies, Shangai, Çin, 22 Ekim 2007, ss.250
- XXVII. **Emulsion polymerization of styrene and vinyl acetate with cationic surfactant**  
ERKAL D., Senkal B. F., Sarac A.  
3rd International Symposium on Reactive Polymers in Inhomogeneous Systems, in Melts and at Interfaces, Dresden, Almanya, 23 - 26 Eylül 2007, cilt.254, ss.141-145
- XXVIII. **A study on the vinyl acetate-co-butyl acrylate latexes in the presence of n-methylol acrylamide and mixed type emulsifiers**  
KAHRAMAN A., SARAÇ A.  
3rd International Symposium on Reactive Polymers in Inhomogeneous Systems, in Melts and at Interfaces, Dresden, Almanya, 23 - 26 Eylül 2007, cilt.254, ss.136-140
- XXIX. **Effects of Emulsifier Type on the Structure of Water-Based Emulsion Polymers**  
Gümrükçü Köse G., Keser Karaoğlan G., Saraç A.  
8th Austrian Polymer Meeting (The Chain of Knowledge From Catalyst to Application), Linz, Avusturya, 20 - 22 Eylül 2006, ss.69
- XXX. **Mechanical Properties of Water-Based Emulsion Polymers Effect of Reaction Conditions**  
SARAÇ A.  
9th Eurasia Conference on Chemical Sciences (EuAs C2S-9), Antalya, Türkiye, 09 Eylül 2006, ss.228
- XXXI. **Investigation of Mechanical Properties of Emulsion Polymers with Different Colloidal Stabilizators**  
TURHAN K., SARAÇ A., YILDIRIM H.  
Chemical Physics VII, The Seventh International Conference on Chemical Physics, Isparta, Türkiye, 19 Mayıs 2006, ss.78
- XXXII. **Boru Reaktörde Sentezlenen Vinil Asetat-ko-Butil Akrilat Lateksleri Üzerine Monomer Oranının Etkisi**  
TURHAN K., SARAÇ A., YILDIRIM H.  
XIX. Ulusal Kimya Kongresi, 01 Eylül 2005
- XXXIII. **Synthesizing of Vinyl Acetate-co-Butyl Acrylate Latexes in the Loop Reactor: Effect of Various Emulsifiers**  
TURHAN K., SARAÇ A., YILDIRIM H.  
23rd Discussion Conference of P.M.M. Current and Future Trends in Polymeric Materials, Prague, Çek Cumhuriyeti, 26 Haziran 2005, ss.28
- XXXIV. **Synthesizing of Vinyl Acetate-co-Butyl Acrylate Latexes in the Loop Reactor: Effect of Monomer Ratio**  
TURHAN K., SARAÇ A., YILDIRIM H.  
23rd Discussion Conference of P.M.M. Current and Future Trends in Polymeric Materials, Prague, Çek Cumhuriyeti, 26 Haziran 2005, ss.27
- XXXV. **Various Methacrylate Polymers for use in Dental Composites**  
KÜÇÜK İ., SARAÇ A., KEYF S., YILDIRIM H.  
23 rd Discussion Conference Current and Future Trends in Polymeric Materials, Prag, Çek Cumhuriyeti, 26 Haziran 2005, ss.11
- XXXVI. **Synthesizing of Vinyl Acetate-co-Butyl Acrylate Latexes in the Loop Reactor: Effect of Various Emulsifiers**  
TURHAN K., SARAÇ A., YILDIRIM H.  
23rd Discussion Conference of P.M.M. Current and Future Trends in Polymeric Materials, 26 - 30 Haziran 2005
- XXXVII. **Gaz Yakıt Oksijen Alevlerinden Metallerde Isı İletiminin Ölçülmesi İçin Bir Yöntem**

- GÜLEN F. J., Kadirgan N., Saraç A.  
Türkiye 5. Enerji Kongresi, Ankara, Türkiye, 22 Ekim 1990, ss.321-327
- XXXVIII. **Gaz Yakıt Oksijen Alevlerinin Metal Çubukları Kesme Sürelerini Ölçerek Bu Alevlerden Isı İletiminin Kıyaslanması**  
GÜLEN F. J., Saraç A., Kadirgan N.  
VI. Kimya Kimya Mühendisliği Sempozyumu, İzmir, Türkiye, 09 Ekim 1989, ss.50-51
- XXXIX. **Polikaprolakton' un Aromatik Çözücülerle Termodinamik Etkileşimlerinin Ters Gaz Kromatografisi ile İncelenmesi**  
CANKURTARAN Ö., Saraç A., Türe A., Yılmaz F.  
XVI. Ulusal Kimya Kongresi, Konya, Türkiye, ss.864
- XL. **A Study on Polystyrene Networks in Linear Polystyrene Solutions**  
CANKURTARAN Ö., Şakar D., Saraç A., Yılmaz F.  
Polymer Gels & Networks, Çek Cumhuriyeti
- XLI. **Determination of Thermodynamical Interaction Parameters and Rate of Crystalline of Polycaprolactone with Some Solvents by Gas Chromatography**  
CANKURTARAN Ö., Saraç A., Yılmaz F.  
6th Austrian Polymer Meeting, Avusturya
- XLII. **A Study on Minimum Film Forming of Water-Based Emulsion Copolymers**  
SARAÇ A.  
11th International Symposium on Polymers for Advanced Technologies (PAT 2011)
- XLIII. **A Study on the Thermodynamical Interactions of Polycaprolactone with Some Aliphatic Esters**  
CANKURTARAN Ö., Saraç A., Türe A., Yılmaz F.  
International Organic Chemistry Meeting (MKU-IOCM), Hatay, Türkiye, ss.61
- XLIV. **A Study of the Some Thermodynamical Interaction Parameters and Percent Crystallinity of Polycaprolactone with Some Aliphatic Esters and Aromatic Solvents by Inverse Gas Chromatography**  
CANKURTARAN Ö., Saraç A., Yılmaz F.  
ISPAC Conference, Almanya, ss.-69
- XLV. **A Study of Some Equation of State Parameters of Methylhydrosiloxane - Dimethyl Siloxane Copolymer with Some Acetates**  
CANKURTARAN Ö., coşkun S., Bilgin Eran B., Saraç A.  
7th Austrian Polymer Meeting, Avusturya
- XLVI. **Thermodynamical Interactions of Polycaprolactone with Some Aromatic Solvents by Inverse Gas Chromatography**  
CANKURTARAN Ö., Saraç A., Yılmaz F.  
Fluid Transport in Nanoporous Materials, Fransa, ss.122
- XLVII. **Determination of Ratio of Crystallinity and Some Thermodynamic Interaction Parameters of Polycaprolactone By Gas Chromatography**  
CANKURTARAN Ö., Saraç A., Yılmaz F.  
Romanian Conference on Advanced Materials, Romanya, ss.39

## **Desteklenen Projeler**

SARAÇ ÖZKAN A., Yükseköğretim Kurumları Destekli Proje, Yıldız Teknik Üniversitesi ArGe Faaliyetleri Potansiyelinin Geliştirilmesi, 2017 - 2020

KARAMAN F., SARAÇ A., ŞAKAR DAŞDAN D., YAZICI Ö., UĞRAŞKAN V., HÜNER K., BALLIKAYA S., Yükseköğretim Kurumları Destekli Proje, Politiyofen/poly(3,4-etilen dioksi tiyofen) nanokompozitlerin termoelektrik özelliklerine manyetik alanın etkisinin araştırılması, 2015 - 2018

SARAÇ ÖZKAN A., Yükseköğretim Kurumları Destekli Proje, YENİ YÜZEY AKTİF MADDELER VARLIĞINDA FARKLI EMÜLSİYON POLİMERLERİNİN SENTEZİ ve KARAKTERİZASYONU, 2015 - 2017

SARAÇ ÖZKAN A., Yükseköğretim Kurumları Destekli Proje, Yeni Polimerik Yüze Aktif Maddelerin Sentezi Ve Emülsiyon

Polimerizasyonunda Kullanımları, 2012 - 2016

SARAÇ ÖZKAN A., Yükseköğretim Kurumları Destekli Proje, Emülsiyon Polimerlerinin Bazı Özelliklerinin Matematiksel Modellenmesi, 2012 - 2015

SARAÇ ÖZKAN A., Yükseköğretim Kurumları Destekli Proje, İyi Tanımlanmış Emülsiyon Polimerlerinin Farklı Emülgatörlerin Değişen Konsantrasyonları Kullanılarak Sentezi, Karakterizasyonu, Koloidal, Termal ve Yüzey Özelliklerinin İncelenmesi, 2011 - 2012

SARAÇ ÖZKAN A., Yükseköğretim Kurumları Destekli Proje, İyi Tanımlanmış Su Bazlı Emülsiyon Polimerlerinin Sentezi, Yüzey ve Elektriksel Özelliklerinin İncelenmesi, 2009 - 2011

## **Bilimsel Hakemlikler**

Organik Kaplayıcılarda Gelişmeler, SCI Kapsamındaki Dergi, Nisan 2007

Uygulamalı Polimer Bilimi Dergisi, SCI Kapsamındaki Dergi, Mart 2005

## **Metrikler**

Yayın: 87

Atıf (WoS): 261

Atıf (Scopus): 273

H-İndeks (WoS): 9

H-İndeks (Scopus): 9