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International Researcher IDs

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Education Information

Post Doctorate, Johannes Kepler Universitaet Linz, Institute of Physical Chemistry, Linz Institute of Organic Solar Cells, Austria 2013 - 2013

Doctorate, Yildiz Technical University, Faculty Of Arts & Science, Kimya, Turkey 2002 - 2007

Doctorate, The Leibniz Institute of Polymer Research Dresden , Dept. Functional Nanocomposites and Blends , Germany 2006 - 2006

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Polymer Science And Technology (İngilizce), Turkey 2000 - 2002

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Kimya, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

German, B1 Intermediate

Dissertations

Doctorate, Bisfenol A'nın tereftalik ve izoftalik asit kopoliesteri ile poli(2,6-dimetil-1,4-fenilen oksit)'in ve karışımlarının çeşitli yöntemlerle incelenmesi, Yildiz Technical University, Graduate School of Natural and Applied Sciences, -, 2007

Postgraduate, Synthesis and characterization of star shaped block copolymers via cationic ring opening and photoinitiated radical polymerization techniques, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2002

Research Areas

Chemistry, Physical Chemistry, Polymeric Materials, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2023 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2012 - 2023
Research Assistant PhD, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2007 - 2012
Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2002 - 2007

Courses

Polymer Composite Materials, Undergraduate, 2018 - 2019
BİTİRME ÇALIŞMASI, Undergraduate, 2019 - 2020, 2018 - 2019
KOROZYON KİMYASI, Undergraduate, 2019 - 2020
PHYSICAL CHEMISTRY OF MACROMOLECULES, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015
ARAŞTIRMA YÖNTEMLERİ VE BİLİMSEL ETİK, Doctorate, 2019 - 2020
UZMANLIK ALAN DERSİ YÜKSEK LİSANS, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
PHYSICOCHEMISTRY 2, Undergraduate, 2018 - 2019
DOKTORA TEZİ, Doctorate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
GENEL KİMYA, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
UZMANLIK ALAN DERSİ DOKTORA, Doctorate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
PHYSICOCHEMISTRY LABORATORY 2, Undergraduate, 2018 - 2019
PHYSICAL CHEMISTRY LAB 2, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
BİTİRME ÇALIŞMASI, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
PHYSICAL CHEMISTRY 2, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
ADVANCED ELECTROCHEMISTRY, Postgraduate, 2016 - 2017, 2015 - 2016
CORROSION CHEMISTRY, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
ELECTROCHEMISTRY 1, Undergraduate, 2015 - 2016, 2014 - 2015
BİTİRME ÇALIŞMASI, Undergraduate, 2013 - 2014
GENERAL CHEMISTRY, Undergraduate, 2013 - 2014

Advising Theses

Şakar D., KOPOLİMER-MEMANTİN İLAÇ TAŞIMA SİSTEMLERİNİN SENTEZLENMESİ VE KARAKTERİZASYONU, Postgraduate, S.TÜYLÜOĞLU(Student), Continues
Şakar Daşdan D., Synthesis and Characterization of Nanobased Polymer Drug Delivery system, Doctorate, A.KAHRAMAN(Student), Continues
Şakar D., ETODOLAK VE FENBROMAT KAS GEVŞETİCİLERİNİ İÇEREN 3 FARKLI MALEİK ANHİDRİT KOPOLİMERİ-İLAÇ TAŞIMA SİSTEMLERİNİN SENTEZLENMESİ VE KARAKTERİZASYONU, Doctorate, A.DÖNMEZ(Student), Continues
Şakar D., EMÜLSİYON POLİMERLERİNİN BAZI ÖZELLİKLERİNİN MATEMATİKSEL MODELLENMESİ, Postgraduate, M.SAVAŞ(Student), Continues
Şakar Daşdan D., PAA -Cu(II)-B SA Biyokompleksinin Sentezi ve Karakterizasyonu, Postgraduate, B.ÇAKIR(Student), Continues
Şakar Daşdan D., POLİ(ETİLEN -ALT-MALEİK ANHİDRİT)-PREGABALİN İLAÇ TAŞIMA SİSTEMİNİN SENTEZLEMESİ VE KARAKTERİZASYONU, Postgraduate, Ö.ESLEK(Student), 2023
Şakar Daşdan D., Kopolimer -Levetirasetam İlaç Taşıma Sistemlerinin Sentezlenmesi ve Karakterizasyonu, Postgraduate, O.KÖSE(Student), 2023
Şakar Daşdan D., Poli(Izobutilen-Alt-Maleik Anhidrit)- Pregabalin İlaç Taşıma Sistemlerinin Sentezlenmesi ve Karakterizasyonu, Postgraduate, R.CAN(Student), 2023
Şakar Daşdan D., Obtaining and Characterization of Hesperetin Microrods Stabilized by Different Biomaterials from

Various Hesperetin Nanosuspensions, Doctorate, Y.Karahan(Student), 2022
Şakar Daşdan D., Karahan M., POLİ (METİL VİNİL ETER-ko-MALEİK ANHİDRİT)-BAKIR (II)-SIĞIR SERUM ALBÜMİN BİYOKOMPLEKSİNİN HAZIRLANMASI VE SULU ÇÖZELTİLERİNDEKİ KARARLILIĞI ÜZERİNE FARKLI pH VE TUZ KONSANTRASYONLARININ ETKİSİNİN İNCELENMESİ, Postgraduate, R.BİLGE(Student), 2020
Şakar Daşdan D., Poli(metil vinil eter-alt-maleik anhidrit)-Pregabalin İlaç TaşımaSisteminin Sentezlenmesi ve Karakterizasyonu, Postgraduate, K.ÇAKIRAL(Student), 2020
Şakar Daşdan D., Karbonmonoksit Salınımı Yapan İmidazol Türevi Ligandlar İçeren Karbonil Komplekslerinin Mobilite, Partikül Boyutu ve Zeta Potansiyel Özelliklerinin Farklı Ortamlarda İncelenmesi, Postgraduate, G.GÜNGÖR(Student), 2020
Şakar Daşdan D., Maleik Anhidrit Kopolimerlerinin Kararlılıklarının Çeşitli Ph ve Ortamlarda İncelenmesi, Postgraduate, G.Tosun(Student), 2019
Şakar Daşdan D., Poli(Maleikanhidrit-Ko-Vinilasetat)-Noradrenalin Kontrollü İlaç Salm Sisteminin Stabilitesinin ve Salm Özelliklerinin Çeşitli Ortamlarda İncelenmesi, Postgraduate, C.Asiltürk(Student), 2016
Şakar Daşdan D., Polimer -doxorubisin ve polimer -hidroksiüre içeren polimer ilaç taşıyıcı sistemlerinin çeşitli özelliklerinin farklı ortamlarda incelenmesi, Postgraduate, N.Melek(Student), 2016
Şakar Daşdan D., Kopolimer-İlaç Taşıyıcı Sisteminin Çeşitli Özelliklerinin Farklı Ortamlarda İncelenmesi, Postgraduate, A.Dızdar(Student), 2016
Serin M., Şakar Daşdan D., Metal/Poliarilat//CdS/ITO ince film Hibrit Eklemlerin Yapısal, Elektrik ve Optik Özelliklerinin incelenmesi, Postgraduate, F.Kuruoğlu(Student), 2012

Jury Memberships

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, October, 2021
Doctorate, Doctorate, Tekirdağ Namık Kemal Üniversitesi, September, 2019
Post Graduate, Post Graduate, İstanbul Technical University, June, 2019
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, May, 2019
Doctoral Examination, Doctoral Examination, Kocaeli Üniversitesi, May, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2019
Post Graduate, Post Graduate, Tekirdağ Namık Kemal Üniversitesi, June, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Maleic Anhydride-Derived Copolymers Conjugated with Beta-Lactam Antibiotics: Synthesis, Characterization, In Vitro Activity/Stability Tests with Antibacterial Studies**
Kahraman A., Sakar D., ALTIKATOĞLU YAPAÖZ M.
Applied Sciences (Switzerland), vol.14, no.14, 2024 (SCI-Expanded)
- II. **Manganese-Based CO-Releasing Molecules in Body Fluids: Zetasizer and Bovine Serum Albumin Interaction Analysis**
Şakar D., Üstün E.
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY, vol.68, no.9, pp.1303-1312, 2023 (SCI-Expanded)
- III. **Modification of poly(methyl vinyl ether – alt – maleic anhydride) with pregabalin drug active substance via ring opening polymerization of anhydride ring in/noncatalyst media**
Çakral K., Şakar D.
POLYMER BULLETIN, vol.80, no.7, pp.7687-7714, 2023 (SCI-Expanded)
- IV. **CO-Releasing, Antioxidant, Antibacterial, Zeta Potential, Theoretical, and Electrochemical Analysis of [Mn(CO)3(bpy)L]OTf Type Complexes**
Üstün E., Şakar D., Çol Ayvaz M., Sönmez Çelebi M., Ertürk Ö.
POLYHEDRON, vol.224, no.115997, pp.1-9, 2022 (SCI-Expanded)
- V. **Poly (phenyl sulfone)/graphite composite as a robust low-cost, comb-type interdigitated sensor for**

detection of organic solvent vapors

Şakar D.

JOURNAL OF POLYMER RESEARCH, vol.28, no.4, 2021 (SCI-Expanded)

- VI. **Stabilization and Harvesting of Hesperetin Microrods from the Hesperetin Stabilised Via Plantacare 2000 Solution by Using Template-Assisted Particle Infiltration Method**
Karahan Y., Pourasghar M., Schneider M., Keck C. M., Şakar D.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.97, no.10, pp.1-6, 2020 (SCI-Expanded)
- VII. **Investigation of Different pHs and Salt Concentration Effects on the Stability of Poly (methyl vinyl ether-co-maleic anhydride)- Bovine Serum Albumin) Bioconjugate and Poly (methyl vinyl ether-co-maleic anhydride)- Cu+2-Bovine Serum Albumin) Biocomplex in Aquous Solutions**
Börklü R. B., Şakar D., Karahan M.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.97, no.10, pp.1-6, 2020 (SCI-Expanded)
- VIII. **MWCNT induced negative real permittivity in a copolyester of BisphenolA with terephthalic and isophthalic acids**
Güven Özdemir Z., Şakar D., Kavak P., Pionteck J., Pötschke P., Voit B., Süngü Mısırhoğlu B.
MATERIALS RESEARCH EXPRESS, vol.7, no.1, pp.1-16, 2020 (SCI-Expanded)
- IX. **Modeling particle size of polyacrylic acid-copper(II)-bovine serum albumin ternary complex in salt solution**
Şakar D., Karahan M., Noyan Tekeli F., Gölbaşı Şimşek G.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.96, no.9, pp.1195-1198, 2019 (SCI-Expanded)
- X. **Physicochemical properties, molecular docking and global reactivity descriptors of manganese carbonyl complexes with imidazole ligands**
Güngör G., Şakar D., Üstün E., Şahin N.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.96, pp.1163-1168, 2019 (SCI-Expanded)
- XI. **FOREWORD**
Mukherjee D. C., Sinha C., Hadjikakou S., Şakar D., Bhattacharya S., Sharma P. K., Verma A. K.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.96, 2019 (SCI-Expanded)
- XII. **AN INVESTIGATION OF the pH EFFECT on THE PARTICLE SIZE AND ZETA POTENTIALS OF POLY (ETHYLENE GLYCOL) and POLY EHTYLENE-BLOCK-POLY(ETHYLENE GLYCOL) WITH VARIOUS MOLECULAR WEIGHTS**
Şakar Daşdan D., Tosun G., Karahan Y.
Bulgarian Chemical Communications, vol.50, pp.5-11, 2018 (SCI-Expanded)
- XIII. **Particle size prediction of copolymer-drug conjugate using partial least squares regression**
Noyan Tekeli F., Şakar Daşdan D., Karakuş G.
Bulgarian Chemical Communications, vol.50, pp.18-24, 2018 (SCI-Expanded)
- XIV. **Surface characterization of thiazolidinone derivatives by inverse gas chromatography**
Fidan İ., Şakar Daşdan D., Karaman F., Kaban Ş.
Bulgarian Chemical Communications, vol.49, no.3, pp.742-749, 2017 (SCI-Expanded)
- XV. **Zetasizer measurements of copolymer-drug carrier system: poly (maleic anhydriteco-vinyl acetate) - acriflavine conjugate**
Şakar Daşdan D., Dizdar A., Karakuş G.
Bulgarian Chemical Communications, vol.49, pp.43-49, 2017 (SCI-Expanded)
- XVI. **Synthesis of poly((2-dimethylamino)ethyl methacrylate) via atom transfer radical polymerization and surface characterization by inverse gas chromatography**
Şakar Daşdan D.
Bulgarian Chemical Communications, vol.48, pp.49-54, 2016 (SCI-Expanded)
- XVII. **Optical Properties of Polyaniline Synthesized by Oxidative Polymerization and Electrical Characterization of Ag/PANI/PEDOT:PSS/Ag Structures**
Misirlioglu B., SERİN M., Kuruoglu F., Dasdan D.
JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS, vol.11, no.2, pp.219-224, 2016 (SCI-Expanded)
- XVIII. **Thermodynamical characterization of poly ethyleneglycol and tosylate functionalized poly ethylene**

- glycol interaction with some nonpolar and polar solvents via inverse gas chromatography**
 Sesigür F., Şakar Daşdan D., Yazıcı Ö., Çakar F., Cankurtaran Ö., Karaman F.
 Optoelectronics And Advanced Materials-Rapid Communications, vol.10, pp.97-101, 2016 (SCI-Expanded)
- XIX. **Electrical, optical and theoretical characterization of doped and undoped calamitic liquid crystal: (s)-5-octyloxy-2-[[[4-(2-methyl butoxy) phenyl] imino] methyl] phenol**
 SERİN M., KURUOĞLU F., MOGULKOC M., ÇALIŞKAN M., Yalcin-Gurkan Y., YASA-SAHİN O., SAKAR D., Bilgin-Eran B.
 OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.8, pp.483-487, 2014 (SCI-Expanded)
- XX. **Dispersive Surface Energy and Acid-Base Parameters of Tosylate Functionalized Poly(ethylene glycol) via Inverse Gas Chromatography**
 sesigür F., SAKAR D., YAZICI Ö., ÇAKAR F., CANKURTARAN Ö., KARAMAN F.
 JOURNAL OF CHEMISTRY, vol.2014, 2014 (SCI-Expanded)
- XXI. **Structural and Surface Characterization of Newly Synthesized D-pi-D Type Schiff Base Ligand: (1E,2E)-3-[4-(Dimethylamino)phenyl]prop-2-en-1-ylidene)phenylamine**
 Gumrukcu G., Garikyan S., Karaoglan G., Sakar D.
 JOURNAL OF CHEMISTRY, 2013 (SCI-Expanded)
- XXII. **Thermodynamic and surface characterisation of (S)-5-dodecycloxy-2-[[[4-(2-methylbutoxy)phenyl]imino]methethyl]phenol thermotropic liquid crystal by inverse gas chromatography**
 Sesigür F., Sakar D., Yasa-Sahin O., Ocak H., Cankurtaran Ö., Bilgin-Eran B., Karaman F.
 LIQUID CRYSTALS, vol.39, pp.87-97, 2012 (SCI-Expanded)
- XXIII. **Investigation of acid-base and surface characteristics of a thermotropic semifluorinated salicylaldehyde liquid crystal by inverse gas chromatography**
 Yazıcı Ö., Ocak H., Yasa-Sahin O., Sakar D., Cankurtaran Ö., Karaman F., Bilgin-Eran B.
 LIQUID CRYSTALS, vol.39, no.12, pp.1421-1426, 2012 (SCI-Expanded)
- XXIV. **Thermodynamical Study of Poly(n-hexyl methacrylate) with Some Solvents by Inverse Gas Chromatography**
 Yazıcı Ö., Sakar D., Cankurtaran Ö., Karaman F.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.122, no.3, pp.1815-1822, 2011 (SCI-Expanded)
- XXV. **Surface analysis of poly ether imide by inverse gas chromatography**
 Çakar F., Yazıcı Ö., Şakar Daşdan D., Cankurtaran Ö., Karaman F.
 Optoelectronics And Advanced Materials-Rapid Communications, vol.5, pp.821-826, 2011 (SCI-Expanded)
- XXVI. **Electrical and thermodynamical characterization of thermotropic liquid crystal**
 Sesigür F., Sakar D., Yasa-Sahin O., Kuruoglu F., Çakar F., Mogulkoc M., Çalışkan M., Cankurtaran Ö., Serin M., Bilgin-Eran B.
 OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.5, pp.572-576, 2011 (SCI-Expanded)
- XXVII. **Surface Characterization of a Novel D-pi-D Type Ligand by IGC at Infinite Dilution**
 Karaoglan G., Sakar D.
 CHROMATOGRAPHIA, vol.73, pp.93-98, 2011 (SCI-Expanded)
- XXVIII. **Miscibility Studies on a Copolyester of Bisphenol-A with Terephthalic and Isophthalic Acids/Bisphenol-A Polycarbonate Blends**
 Sakar D., Çakar F., Cankurtaran Ö., Karaman F.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.117, pp.309-314, 2010 (SCI-Expanded)
- XXIX. **A new liquid crystal of considerable value for the separation of closely related solvents by gas chromatography**
 YAŞA-ŞAHİN O., YAZICI Ö., KARAAGAC B., SAKAR D., CANKURTARAN Ö., Bilgin-Eran B., KARAMAN F.
 LIQUID CRYSTALS, vol.37, no.9, pp.1111-1118, 2010 (SCI-Expanded)
- XXX. **Miscibility criteria of blends of poly(2,6-di methyl-1,4-phenylene oxide)/A copolyester of bisphenol-A with terephthalic and isophthalic acids by viscometric analysis**
 ÇAKAR F., SAKAR D., CANKURTARAN Ö., KARAMAN F.

OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.3, no.10, pp.1106-1109, 2009 (SCI-Expanded)

- XXXI. **Miscibility criteria of blends of polystyrene a copolyester of bisphenol A with terephthalic and isophthalic acids by viscometric analysis**
Şakar Daşdan D., Çakar F., Cankurtaran Ö., Karaman F.
Optoelectronics And Advanced Materials-Rapid Communications, vol.3, pp.290-293, 2009 (SCI-Expanded)
- XXXII. **Evaluations on the miscibility of the mixtures of poly(2,6-dimethyl-1,4-phenylene oxide) and a copolyester of bisphenol-A**
SAKAR D., CANKURTARAN Ö., KARAMAN F.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.20, no.3, pp.291-297, 2009 (SCI-Expanded)
- XXXIII. **A Study on Swelling Behavior of Poly(p-chloro styrene) Networks in Some Aromatic Hydrocarbons and Linear Poly(p-chloro styrene) Solutions**
Celik O., Sakar D., Çakar F., Cankurtaran Ö., Karaman F.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.111, pp.1328-1334, 2009 (SCI-Expanded)
- XXXIV. **Detection of microphase separation in poly(tert-butyl acrylate-b-methyl methacrylate) synthesized via atom transfer radical polymerization by inverse gas chromatography**
Aydin S., Erdogan T., Sakar D., Hizal G., CANKURTARAN Ö., Tunca Ü., KARAMAN F.
EUROPEAN POLYMER JOURNAL, vol.44, no.7, pp.2115-2122, 2008 (SCI-Expanded)
- XXXV. **DETERMINATION OF ANTHOCYANINS IN SOME VEGETABLES AND FRUITS BY DERIVATIVE SPECTROPHOTOMETRIC METHOD**
Sakar D., Karaoglan G., Gumrukcu G., Ozgur M.
REVIEWS IN ANALYTICAL CHEMISTRY, vol.27, no.4, pp.235-249, 2008 (SCI-Expanded)
- XXXVI. **Determination of transition points and thermodynamic interaction parameters of poly(2,6-dimethyl-1,4-phenylene oxide)**
Sakar D., Cankurtaran Ö., Karaman F.
PLASTICS RUBBER AND COMPOSITES, vol.37, pp.276-280, 2008 (SCI-Expanded)
- XXXVII. **The evaluation of miscibility of blends of poly(ether imide) (Ultem((R))1000) and a copolyester of bisphenol-A with terephthalic and isophthalic acid (Ardel((R))D-100) by viscosimetry**
Çakar F., Sakar D., Cankurtaran O., Karaman F.
EUROPEAN POLYMER JOURNAL, vol.43, pp.507-513, 2007 (SCI-Expanded)
- XXXVIII. **Swelling behavior of polystyrene networks in some aliphatic esters and linear polystyrene solutions**
Sakar D., Sarac A., Cankurtaran O., Karaman F.
POLYMER BULLETIN, vol.58, pp.305-312, 2007 (SCI-Expanded)
- XXXIX. **Studies on equation-of-state parameters and linear polymer dimensions of poly(p-chlorostyrene) in diethylene glycol monobutyl ether by intrinsic viscosity measurements**
Sakar D.
MONATSHEFTE FÜR CHEMIE, vol.137, pp.919-928, 2006 (SCI-Expanded)
- XL. **Doping type effect on electrical conductivity of Poly(2,6-dimethyl-1,4-phenylene oxide) and electrical properties of doped and undoped Poly(2,6-dimethyl-1,4-phenylene oxide) / Ardel®D-100 films**
Serin M., Şakar Daşdan D., Cankurtaran Ö., Karaman F.
Journal Of Optoelectronics And Advanced Materials, vol.8, pp.1308-1311, 2006 (SCI-Expanded)
- XLI. **Physicochemical characterization of poly(tert-butyl acrylate-b-methyl methacrylate) prepared with atom transfer radical polymerization by inverse gas chromatography**
SAKAR D., ERDOGAN T., Cankurtaran O., HIZAL G., KARAMAN F., TUNCA U.
POLYMER, vol.47, no.1, pp.132-139, 2006 (SCI-Expanded)
- XLII. **Thermodynamic interactions of a copolyester of bisphenol A with terephthalic acid and isophthalic acid with some solvents**
SAKAR D., Cankurtaran O., KARAMAN F.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.98, no.6, pp.2365-2368, 2005 (SCI-Expanded)
- XLIII. **Doping effect on electrical properties of poly (2,6-dimethyl- 1, 4- phenylene oxide) films**

- Serin M., Şakar Daşdan D., Cankurtaran H., Cankurtaran Ö., Karaman F.
Journal Of Optoelectronics And Advanced Materials, vol.7, no.6, pp.3121-3125, 2005 (SCI-Expanded)
- XLIV. **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, vol.53, pp.349-357, 2005 (SCI-Expanded)
- XLV. **Synthesis of tri-arm star diblock copolymer containing poly(tetrahydrofuran-b- methyl methacrylate) arms via combination of cationic ring opening polymerization and photosensitized free radical polymerization routes**
Hızal G., Şakar Daşdan D., Tunca U.
Designed Monomers And Polymers, vol.8, no.6, pp.609-617, 2005 (SCI-Expanded)
- XLVI. **Determination of glass transition temperature of a polyarylate by using both inverse gas chromatography and electrical conductivity measurements**
Serin M., Sakar D., Cankurtaran O., Yılmaz F.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.6, no.1, pp.283-288, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of stability and activity of quaternized zinc phthalocyanine photosensitizer with fused extended conjugation in vitro conditions**
Karahan Y., Gümrükçü Köse G., Keser Karaoğlan G., Şakar D.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.2, pp.490-496, 2024 (ESCI)
- II. **Investigation of poly(ethylene-alt-maleic-anhydride)-pregabalin (1:1) ratio controlled drug delivery system synthesized in catalyst-free media: stability and activity at different pHs**
Eslek O., Sakar D.
Bulgarian Chemical Communications, vol.55, no.3, pp.295-298, 2023 (Scopus)
- III. **Effect of anionic/nonionic surfactant systems on the properties of water-based styrene/acrylic copolymer latexes**
Ayhan B., Şakar D., Tarakçı E.
Bulgarian Chemical Communications, vol.55, no.3, pp.267-272, 2023 (Scopus)
- IV. **Stability investigation of PAA-BSA bioconjugate and PAA-Cu²⁺-BSA ternary biocomplex at different pHs**
Çakır B., Şakar D., Karahan M.
Bulgarian Chemical Communications, vol.54, no.3, pp.271-276, 2022 (Scopus)
- V. **Investigation of stability and activity of poly(ethylene-alt-maleic anhydride) copolymer at different pHs and in simulated body fluids**
Sakar D.
Bulgarian Chemical Communications, vol.53, no.4, pp.471-474, 2021 (Scopus)

Books & Book Chapters

- I. **What Are Polymeric Carriers?**
Şakar Daşdan D., Karakuş G.
in: Synthetic Peptide Vaccine Models, MESUT KARAHAN, Editor, CRC, New York , Florida, pp.61-69, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Mathematical Modelling of Some Properties of Vinyl Acetate-Butyl Acrylate Latexes**

Ellidokuzoğlu M. S., Akgün Ü., Şakar D., Saraç Özkan A.

6 th International Conference on Physical Chemistry & Functional Materials, Elazığ, Turkey, 13 - 14 June 2023, pp.21

- II. **Investigation of Stability and Activity of Poly(ethylene-alt-maleic anhydride) Copolymer in Different pHs and Simulated Body Fluids**
Şakar D.
7TH INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, İstanbul, Turkey, 25 - 26 September 2021, pp.42
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8.ULUSAL KİMYA ÖĞRENCİ KONGRESİ, İstanbul, Turkey, 16 - 18 May 2017, vol.1, pp.78
- XXII. **Electrical Characterization of Ag/Polyaniline (Pedot:PSS)/ITO Structure**
Süngü Mısırlıoğlu B., Serin M., Kuruoğlu F., Şakar Daşdan D.
OEMT2015: First International Conference on Organic Electronic Material Technologies, Elazığ, Turkey, 25 - 28 March 2015, pp.226
- XXIII. **Zetasizer Measurements of Polymer-Drug Delivery Systems**
Şakar Daşdan D., Çetin N. M., Aslıtürk C., Karakuş G.
1st International Conference on New Trends in Chemistry, Sharjah, United Arab Emirates, 24 - 28 March 2015, pp.40-41
- XXIV. **Poli (maleik anhidrit-ko-vinil asetat)-Noradrenalin Polimer-İlaç Çiftinin Stabilesinin İncelenmesi**
Aslıtürk C., Şakar Daşdan D., Karakuş G.
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014, vol.750, pp.192
- XXV. **Photovoltaic Applications of Polymer/Multiwalled Carbonnanotube Composites**
Şakar Daşdan D.
Solar Energy for World Peace, İstanbul, Turkey, 17 - 19 August 2013, pp.205
- XXVI. **Synthesis and Characterization of a new D-π-D Type Schiff Base Ligand**

- Gümrükçü Köse G., Garikyan S., Keser Karaođlan G., Őakar DaŐdan D.
Chemical Physics X, Ankara, Turkey, 10 - 12 October 2012, pp.114
- XXVII. **Surface and Electrical Characterization of a New Type Metallomesogen**
Őakar DaŐdan D., YaŐa-Őahin Ö., Aslıtürk C., Kuruođlu F., Mođulkoç M., Serin M., Bilgin-Eran B.
Chemical Physics X, Ankara, Turkey, 10 - 12 October 2012, pp.113
- XXVIII. **Amfifilik Karakterli Poli(2-dimetilaminoetilmetakrilat-ko-p-klorostiren) nin Camsı GeçiŐ Sıcaklıđının Altında ve Üstünde Yüzey Özelliklerinin İncelenmesi**
Őakar DaŐdan D., Adam N.
4.Ulusal Polimer Bilim ve Teknolojisi, Çanakkale, Turkey, 6 - 10 September 2012, pp.113
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Őakar DaŐdan D., Canol B.
4.Ulusal Polimer Bilim ve Teknolojisi, Çanakkale, Turkey, 5 - 08 September 2012, pp.34
- XXX. **Poli (metil vinil eter-ko-maleik anhidrit)-Cu 2-BSA Biyokompleksinin Hazırlanması ve Sulu Çözeltilerine pH ve Tuz Etkisinin İncelenmesi**
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4.Ulusal Polimer Bilim ve Teknolojisi, Çanakkale, Turkey, 5 - 08 September 2012, pp.30
- XXXI. **Surface Characterization of Thiazolidinone Derivatives by Inverse Gas Chromatography**
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25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, vol.180, pp.205
- XXXII. **Surface Characterization of a Novel D--D Type Ligand by Inverse Gas Chromatography**
Őakar DaŐdan D., Keser Karaođlan G.
IX. Chemical Physics, İstanbul, Turkey, 22 - 26 December 2010, pp.126
- XXXIII. **Surface Characterization of Poly (2- dimethylamino ethyl methacrylate) via Inverse Gas Chromatography**
Őakar DaŐdan D., Yazıcı Ö., Biter O.
POLYSOLVAT-8, 8th International IUPAC Conference Polymer-Solvent Complexes Intercalates, Strasbourg, France, 5 - 08 July 2010, pp.1
- XXXIV. **Polietilen Glikol'ün ÇeŐitli Çözücülerle Termodinamik EtkileŐim Parametrelerinin Ters Gaz Kromatografi Metodu ile Belirlenmesi**
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24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.4
- XXXV. **TosillendirilmiŐ Polietilen Glikol'ün ÇeŐitli Çözücülerle Termodinamik EtkileŐim Parametrelerinin Ters Gaz Kromatografi Metodu İle Belirlenmesi**
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24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.2
- XXXVI. **Mesogenik(S)-5-(10-Undekeniloksi)-2-[[[4-(2-metilbutoksi)fenil]imino]metil] fenol'ün Sentezi ve Faz GeçiŐ Sıcaklıklarının Belirlenmesi**
YaŐa-Őahin Ö., Yazıcı Ö., Karaađaç B., Őakar DaŐdan D., Cankurtaran Ö., Bilgin Eran B., Karaman F.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.3
- XXXVII. **Poli (etilen-blok-etilen glikol)'ün Yüzey Özelliklerinin Ters Gaz Kromatografi Metodu İle Belirlenmesi**
Dülger Ö., Kıyçak O., Kaleođlu S., Őakar DaŐdan D., Yazıcı Ö., Çakar F., Cankurtaran Ö., Karaman F.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.1
- XXXVIII. **The Temperature Dependent Electrical Conductivity Of Ardel D-100 / MWCNT (Multi Walled Carbon Nano Tube) Nanocomposite**
Serin M., ÇalıŐkan M., Őakar DaŐdan D.
NANO-TR VI, 6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, vol.1, no.1, pp.1
- XXXIX. **Poli (Hekzil Metakrilat)'ın ÇeŐitli Çözücülerle Termodinamik EtkileŐim Parametrelerinin Ters Gaz Kromatografi Yöntemi İle Belirlenmesi**
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XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.104

- XL. **Polikarbonat/ ARDEL® D-100 Karışımlarının Karışabilirliğinin Vizkozite Yöntemi ile İncelenmesi**
Cansever Ş., Moroğlu M., Şakar Daşdan D., Çakar F., Cankurtaran Ö., Karaman F.
2.Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Şanlıurfa, Turkey, 30 April - 02 May 2008, pp.102
- XLII. **Ardel® D-100/Poli(2,6-Dimetil-1,4-Fenilen Oksit) Karışımının Polimer-Polimer Etkileşim Parametrelerinin Ters Gaz Kromatografi Yöntemiyle Belirlenmesi**
Şakar Daşdan D., Cankurtaran Ö., Karaman F.
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007, pp.197
- XLIII. **Poli (2,6-Dimetil -1,4-Fenilen Oksit)' in Yüksek Sıcaklıklardaki Çözünürlük Parametrelerinin Belirlenmesi**
Şakar Daşdan D., Cankurtaran Ö., Karaman F.
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006, pp.25
- XLIV. **Hal Denklemi Teorisinden Değişim Entalpi ve Entropi Parametrelerinin Belirlenmesi**
Şakar Daşdan D., Cankurtaran Ö., Karaman F.
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006, pp.131
- XLV. **Bisfenol A'nın Tereftalik Asit ve İzofthalik Asit Kopoliesterleri ile Poli(2,6-Dimetil-1,4-fenilen oksit) Karışımlarının Elektriksel İletkenliğinin İncelenmesi**
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XIX. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005, pp.677
- XLVI. **5-Dodesiloksi-2-[[[4-(S)(2-Metilbutoksi)Fenil]Imino]Metil]Fenol Sıvı Kristalinin Faz Geçişlerinin Ters Gaz Kromatografisi ile Belirlenmesi**
Coşkun S., Yörür Göreci Ç., Şakar Daşdan D., Bilgin Eran B., Cankurtaran Ö.
XIX. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September 2005, pp.678
- XLVII. **"An Analysis on The Determination of The Thermodynamical Interactions of Poly (tert-Butyl Acrylate-b-Methyl Metacrylate) Synthesized via Atom Transfer Radical Polymerization**
Aydın S., Şakar Daşdan D., Erdoğan T., Hızal G., Cankurtaran Ö., Tunca Ü., Karaman F.
6th Advanced Polymers and Macromoleculer Engineering (APME), İstanbul, Turkey, 15 - 19 August 2005, vol.50, pp.105-106
- XLVIII. **A Study on Polystyrene Networks in Linear Polystyrene Solutions**
Şakar Daşdan D., Saraç A., Cankurtaran Ö., Yılmaz F.
44th Microsymposium of P.M.M, Polymer Gels & Networks, Praha, Czech Republic, 10 - 14 July 2005, vol.11, pp.84
- XLIX. **A Study on Swelling Behaviour of Poly(p-Chlorostyrene) Networks**
Çelik O., Şakar Daşdan D., Cankurtaran Ö., Karaman F.
44th Microsymposium of P.M.M, Polymer Gels & Networks, Praha, Czech Republic, 10 - 14 July 2005, vol.12, pp.85
- XLX. **Electrical properties of poly(2,6-dimethyl-1,4-phenylene oxide) films with different type of dopants**
Serin M., Şakar Daşdan D., Cankurtaran H., Cankurtaran Ö., Karaman F.
7th Austrian Polymer Meeting, Graz, Austria, 4 - 06 July 2005, vol.43, pp.102
- L. **Doping Ratio Effect on Electrical Properties of Poly(2,6-dimethyl-1,4-phenylene oxide) Films**
Serin M., Şakar Daşdan D., Cankurtaran H., Cankurtaran Ö., Karaman F.
7th Austrian Polymer Meeting, Graz, Austria, 4 - 06 July 2005, vol.44, pp.103
- LI. **Studies on equation-of-state parameters and linear polymer dimensions of poly (p-chloro styrene) in diethylene glycol monobutyl ether by intrinsic viscosity measurements**
Şakar Daşdan D.
7th Austrian Polymer Meeting, Graz, Austria, 4 - 06 July 2005, vol.44, pp.103
- LII. **A Study Of The Thermodynamic Properties of Poly (tert-Butyl Acrylate-b-Methyl Metacrylate) by Inverse Gas Chromatography**
Şakar Daşdan D., Erdoğan T., Cankurtaran Ö., Hızal G., Tunca Ü.
2 nd International Aegean Physical Chemistry Days, Balıkesir, Turkey, 7 - 10 October 2004, pp.35
- LIII. **Electrical Properties of Doped Ardel®D-100 Films Depending on The Sample Thickness**
Serin M., Şakar Daşdan D., Cankurtaran Ö., Karaman F.
2 nd International Aegean Physical Chemistry Days, Balıkesir, Turkey, 7 - 10 October 2004, vol.13, pp.37
- LIV. **A Study of The Thermodynamical Interactions and Solubility Parameters of Poly (tert-Butyl Acrylate-**

b-Methyl Metacrylate) in Various Solvents by Gas Chromatography

Şakar Daşdan D., Cankurtaran Ö., Yılmaz F.

V. Uluslararası Kimyasal Fizik Kongresi, İstanbul, Turkey, 31 October - 01 November 2002, pp.118-119

- LIV. **Tam Metin:A Study of The Thermodynamical Interactions and Solubility Parameters of Poly (tert-Butyl Acrylate-b-Methyl Metacrylate) in Various Solvents by Gas Chromatography**
Şakar Daşdan D., Erdoğan T., Cankurtaran Ö., Hızal G.
4th Aegan Analytical Chemistry Days, Aydın, Turkey, 29 September - 03 October 2004, pp.502-504
- LVI. **A Study of The Thermodynamical Interactions and Solubility Parameters of Poly (tert-Butyl Acrylate-b-Methyl Metacrylate) in Various Solvents by Gas Chromatography**
Şakar Daşdan D., Erdoğan T., Cankurtaran Ö., Hızal G.
4th Aegan Analytical Chemistry Days, Aydın, Turkey, 29 September - 03 October 2004, pp.125
- LVII. **Determination of The Thermodynamic Properties of Poly (tert-Butyl Acrylate-b-Methyl Metacrylate) Synthesized via Atom Transfer Radical Polymerization by Inverse Gas Chromatography**
Şakar Daşdan D., Erdoğan T., Cankurtaran Ö., Hızal G., Tunca Ü.
International Conference Of Functional Acrylates (ICFA), İstanbul, Turkey, 31 August - 04 September 2004, pp.47
- LVIII. **Poli(ter-Butilakrilat-b-Metil Metakrilat) Kopolimerlerinin Termodinamik Etkileşim Parametrelerinin Ters Gaz Kromatografisi ile Belirlenmesi**
Şakar Daşdan D., Erdoğan T., Cankurtaran Ö., Karaman Yılmaz F., Hızal G., Tunca Ü.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004, pp.1088
- LIX. **Atom Transfer Radikal Polimerizasyonu ile Sentez Edilmiş Poli(ter-Butilakrilat-b-Metil Metakrilat) Kopolimerlerinin İkinci Dereceden Termal Geçişlerinin Gaz Kromatografi ile Belirlenmesi**
Erdoğan T., Şakar Daşdan D., Hızal G., Tunca Ü., Cankurtaran Ö., Karaman Yılmaz F.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004, pp.1089
- LX. **Bisfenol-A' nın Tereftalik Asit ve İzofthalik Asit Kopoliesteri ile Bazı Çözücüler Arasındaki Termodinamik Etkileşimlerin Ters Gaz Kromatografisi ile İncelenmesi**
Şakar Daşdan D., Cankurtaran Ö., Yılmaz F.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 18 - 21 September 2003, pp.691
- LXI. **A Study of Physicochemical Properties of Copolyester of Bisphenol-A with Terephthalic Acid and Isophthalic Acid with Some Solvents**
Şakar Daşdan D., Cankurtaran Ö., Yılmaz F.
The Fifth General Conference of the Balkan Physical Union BPU-5, , Belgrade, Serbia And Montenegro, 25 - 29 August 2003, pp.325
- LXII. **Tam Metin-A Study of Physicochemical Properties of Copolyester of Bisphenol-A with Terephthalic Acid and Isophthalic Acid with Some Solvents**
Şakar Daşdan D., Cankurtaran Ö., Yılmaz F.
The Fifth General Conference of the Balkan Physical Union BPU-5, Belgrade, Serbia And Montenegro, 25 - 29 August 2003, pp.9
- LXIII. **Determination of Some Thermodynamical Interactions of A Copolyester of Bisphenol-A with Terephthalic Acid and Isophthalic Acid with Some Aromatic Solvents**
Şakar Daşdan D., Hızal G., Tunca Ü.
5.JCF Spring-Symposium, Dresden, Germany, 29 - 31 March 2003, pp.1
- LXIV. **Determination of Some Thermodynamical Interactions of ACopolyester of Bisphenol-A with Terephthalic Acid and Isophthalic Acid with Some Aromatic Solvents**
Şakar Daşdan D., Cankurtaran Ö., Yılmaz F.
5.JCF Spring-Symposium, Dresden, Germany, 29 - 31 March 2003, pp.75
- LXV. Şakar Daşdan D., Hızal G., Tunca Ü.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.911

Supported Projects

ŞAKAR DAŞDAN D., KÖSE O., Project Supported by Higher Education Institutions, Kopolimer-Levetirasetam İlaç Taşıma Sistemlerinin Sentezlenmesi ve Karakterizasyonu, 2022 - 2023

ŞAKAR DAŞDAN D., ESLEK Ö., Project Supported by Higher Education Institutions, POLİ(ETİLEN-ALT-MALEİK ANHİDRİT)-PREGABALİN İLAÇ TAŞIMA SİSTEMİNİN SENTEZLENMESİ VE KARAKTERİZASYONU, 2022 - 2023

ŞAKAR DAŞDAN D., KARAHAN Y., Project Supported by Higher Education Institutions, ÇEŞİTLİ HESPERETİN NANOSÜPANSİYONLARINDAN FARKLI BİYOMALZEMELER İLE STABİLİZE EDİLMİŞ HESPERETİN MİKROÇUBUKLARININ ELDE EDİLMESİ VE KARAKTERİZASYONU, 2020 - 2022

ŞAKAR DAŞDAN D., ÜSTÜN E., Project Supported by Higher Education Institutions, Karbonmonoksit Salınımı Yapan Benzimidazol Türevi Ligand İçeren Karbonil Komplekslerinin Zetasizer ve Teorik Analizleri, 2020 - 2021

ŞAKAR DAŞDAN D., TOSUN G., Project Supported by Higher Education Institutions, Maleik Anhidrit Kopolimerlerinin Kararlılıklarının Çeşitli pH ve Ortamlarda İncelenmesi, 2018 - 2019

KARAMAN F., SARAÇ A., ŞAKAR DAŞDAN D., YAZICI Ö., UĞRAŞKAN V., HÜNER K., BALLIKAYA S., Project Supported by Higher Education Institutions, Politiyofen/poly(3,4-etilen dioksi tiyofen) nanokompozitlerin termoelektrik özelliklerine manyetik alanın etkisinin araştırılması, 2015 - 2018

ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Kopolimer-İlaç Taşıyıcı Sisteminin Çeşitli Özelliklerinin Farklı Ortamlarda İncelenmesi, 2016 - 2017

ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Polimer-doxorubisin ve polimer-hidroksiüre içeren polimer-ilaç taşıyıcı sistemlerinin çeşitli özelliklerinin farklı ortamlarda incelenmesi, 2014 - 2016

ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Poli(maleik anhidrit-ko-vinil asetat)-noradrenalin Kontrollü İlaç Salım Sisteminin Stabilesinin ve Salım Özelliklerinin Çeşitli Ortamlarda İncelenmesi, 2014 - 2015

CANKURTARAN Ö., ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Sıvı Kristal/Kil, Sıvı Kristal/Organokil Nanokompozitlerin Hazırlanması ve Karakterizasyonu, 2012 - 2015

Cankurtaran Ö., Yazıcı Ö., Karaman F., Bilgin Eran B., Şakar Daşdan D., Çakar F., Ocak H., Güzeller D., Mutlu S., Erol İ., Project Supported by Higher Education Institutions, Sıvı Kristal Kil Sıvı Kristal Organokil Nanokompozitlerin Hazırlanması ve Karakterizasyonu, 2012 - 2015

ŞAKAR DAŞDAN D., SÜNGÜ MISIRLIOĞLU B., Project Supported by Higher Education Institutions, Sıvı Kristallerin optik özellikleri, 2012 - 2014

ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Polielektrolitlerin Proteinlerle Çapraz Bağlayıcı Ajanlar Varlığında Konjugatlarının Oluşturulması, 2012 - 2014

Şakar Daşdan D., Sarıçiftçi N. S., Other International Funding Programs, Polymer Solar Cells With Melt Mixed Polyarylene/Multiwalled Carbon Nanotubes Composites And Blends With Poly(Phenylene Oxide), 2013 - 2013

ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Metallomesogenlerin Sentezi, Mesomorfik Özelliklerinin ve Polimer Karışımlarının Çeşitli Yöntemlerle İncelenmesi, 2011 - 2013

Serin M., Şakar Daşdan D., Kuruoğlu F., Project Supported by Higher Education Institutions, Metal/Organik-İnorganik/CdS/ITO ince film Hibrit Eklemlerin Yapısal, Elektrik ve Optik Özelliklerinin İncelenmesi, 2011 - 2012

Şakar Daşdan D., Serin M., Kuruoğlu F., Project Supported by Higher Education Institutions, Metal/Organik-İnorganik/CdS/ITO ince film Hibrit Eklemlerin Yapısal, Elektrik ve Optik Özelliklerinin İncelenmesi, 2011 - 2012

CANKURTARAN Ö., ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Sıvı Kristal Materyallerin Sentezi ve Fizikokimyasal Karakterizasyonu, 2010 - 2012

CANKURTARAN H., ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Kütle ve Elektrokimyasal Duyarlı Polimerik Film Sensörlerin Hazırlanması ve Gaz/Sıvı Faz Örneklerde Analizler, 2010 - 2012

Cankurtaran Ö., Yörür Göreci Ç., Karaman F., Ocak H., Bilgin Eran B., Şakar Daşdan D., Çakar F., Serin M., Akat E., Yazıcı Ö., Project Supported by Higher Education Institutions, Sıvı Kristal Materyallerin Sentezi ve Fizikokimyasal Karakterizasyonu , 2010 - 2012

Karaman F., Cankurtaran Ö., Cankurtaran H., Çakar F., Şakar Daşdan D., Serin M., TUBITAK Project, Yarıiletken, amfilik ve kendiliğinden düzenlenebilen diblok kopolimer yardımıyla hazırlanan organik/inorganik hibrit nanopartiküllerin incelenmesi, 2008 - 2011

Serin M., Yazıcı Ö., Can N., Can Ömür B., Şakar Daşdan D., Çakar F., Karaman F., Cankurtaran Ö., Project Supported by Higher Education Institutions, Yüksek vakum elektriksel ölçüm sistemi ile karbon nanotüp katkılı polimerlerin farklı şartlarda elektriksel özelliklerinin belirlenmesi, 2007 - 2011

Serin M., Karaman F., Cankurtaran Ö., Can Ömür B., Can N., Şakar Daşdan D., Çakar F., Project Supported by Higher Education Institutions, Elektriksel Ölçüm Sisteminin Kurulması ve İleri Teknoloji Malzemeleri Olarak Kullanılan İnce Filmlerin Opto-elektronik Karakterizasyonu, 2007 - 2011

Şakar Daşdan D., Cankurtaran H., Cankurtaran Ö., Serin M., Karaman F., Çakar F., Yazıcı Ö., Project Supported by Higher Education Institutions, Amfifilik blok kopolimerlerin sentezi ve misel özelliklerinin incelenmesi, 2008 - 2010

Şakar Daşdan D., Karaman F., Cankurtaran H., Cankurtaran Ö., Çakar F., Project Supported by Higher Education Institutions, Grafit ve Karbon Nanotüp Esaslı Organik Gaz/Buhar Sensörlerinin Cevaplarına Polimerin ve Gazın/Buharın Yapısal Özelliklerinin Etkilerinin İncelenmesi, 2007 - 2010

CANKURTARAN Ö., ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, poli(eter imid)' in (Ultem), bisfenol-A' nın tereftalik asit ve izoftalik asit kopoliesteri (Ardel) ve poli(2,6-dimetil-1,4-fenilen oksit) (PPO) ile ikili karışımlarının karışabilirlik bölgelerin gaz kromatografisini ve viskozite yöntemleri ile belirlenmesi., 2006 - 2010

Şakar Daşdan D., Karaman F., Cankurtaran Ö., Çakar F., Project Supported by Higher Education Institutions, Poli(eter imid)' in (Ultem), bisfenol-A' nın tereftalik asit ve izoftalik asit kopoliesteri (Ardel) ve poli(2,6-dimetil-1,4-fenilen oksit) (PPO) ile ikili karışımlarının karışabilirlik bölgelerin gaz kromatografisini ve viskozite yöntemleri ile belirlenme, 2006 - 2010

Saraç A., Serin M., Karaman F., Şakar Daşdan D., Cankurtaran Ö., Project Supported by Higher Education Institutions, Poli(metil akrilat)/poli(vinil asetat) karışımlarının ters gaz kromatografisi, viskozite ve jellerinin çözeltide şişirilmesi ile incelenmesi, 2004 - 2009

Şakar Daşdan D., Pionteck J., Other International Funding Programs, ARDEL D-100/CNT Kompozitlerinin Hazırlanması ve Karakterizasyonu,, 2006 - 2006

CANKURTARAN Ö., ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Bisfenol-A nın Tereftalik Asit ve İzofthalik Asit Kopoliesterinin (ARDEL) ve Poli(2,6- dimetil-1,4 fenilen oksit)in Çeşitli Çözücülerle, ARDELin Poli(2,6- dimetil-1,4 fenilen oksit) ile Termodinamik Etkileşimlerinin Ters Gaz Kromatografisi ile İncelenmesi ve Poli(2,6- dimetil-1,4 fenilen oksit)in Elektrik İletkenliğinin Arttırılması, 2003 - 2006

Şakar Daşdan D., Serin M., Cankurtaran Ö., Saraç A., Çakar F., Project Supported by Higher Education Institutions, Bisfenol -A'nın Tereftalik Asit ve İzofthalik Asit Kopoliesteri'nin (Ardel) ve Poli(2,6 Dimetil Fenilen Oksit)'in Çeşitli Çözücülerle, Ardel'in Poli(2,6- Dimetil-1,4 Fenilen Oksit) ile Termodinamik Etkileşimlerinin Ters Gaz Kromatografisi ile İncelenmesi ve Poli(2,6- Dimetil-1,4 Fenilen Oksit)'in Elektrik İletkenliğini Arttırılması, 2002 - 2006

KARAMAN F., ŞAKAR DAŞDAN D., Project Supported by Higher Education Institutions, Çapraz Bağlanmış Polistiren Poli (4-Klorostiren) ve Polikaprolaktonun Çeşitli Çözücü ve Çözeltilerdeki Şişme Temodinamiklerinin İncelenmesi, 1999 - 2006

Şakar Daşdan D., Industrial Thesis Project, Bisfenol A'nın tereftalik asit ve izofthalik asit kopoliesteri ile poli(2,6-dimetil-1,4-fenilen oksit) karışımlarının çeşitli yöntemlerle incelenmesi, 2004 - 2005

Şakar Daşdan D., Karaman F., Saraç Özkan A., Cankurtaran Ö., Okay O., Project Supported by Higher Education Institutions, Çapraz Bağlanmış Polistiren, Poli(4-kloro stiren) ve Polikaprolakton'un Çeşitli Çözücü ve Çözeltilerdeki Şişme Termodinamiklerinin İncelenmesi, 1999 - 2005

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Bursa Uludağ University, Turkey, November 2021

DYES AND PIGMENTS, SCI Journal, June 2019

JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES, SCI Journal, May 2018

Project Supported by Other Official Institutions, Tekirdağ Namik Kemal University, Turkey, April 2018

Inorganik, Metal-Organik ve Nano-Metal Kimyasında Sentez ve Karakterizasyonu, SCI Journal, October 2013

Romanian Biotechnological Letters, SCI Journal, March 2013

Project Supported by Other Official Institutions, Hitit University, Turkey, June 2012

Artificial Cells, Blood Substitutes, and Biotechnology: An International Journal, SCI Journal, February 2012

Tasks In Event Organizations

Şakar Daşdan D., Yalçın Gürkan Y., 8th INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Scientific Congress, Gazimagusa, Cyprus (Kkctc), Mayıs 2022

Şakar Daşdan D., Yalçın Gürkan Y., 7TH INTERNATIONAL CONFERENCE ON THE NEW TRENDS IN CHEMISTRY , Scientific Congress, İstanbul, Turkey, Eylül 2021

Şakar Daşdan D., Yalçın Gürkan Y., 6TH INTERNATIONAL CONFERENCE ON THE NEW TRENDS IN CHEMISTRY Pua, Scientific Congress, Turkey, Ekim 2020

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

Şakar Daşdan D., Yalçın Gürkan Y., 5th INTERNATIONAL CONFERENCE ON THE NEW TRENDS IN CHEMISTRY, Scientific Congress, Athens, Greece, Nisan 2019

Şakar Daşdan D., Yalçın Gürkan Y., 4TH INTERNATIONAL CONFERENCE ON THE NEW TRENDS IN CHEMISTRY, Scientific Congress, Sankt-Peterburg, Russia, Mayıs 2018

Şakar Daşdan D., Yalçın Gürkan Y., 3TH INTERNATIONAL CONFERENCE ON THE NEW TRENDS IN CHEMISTRY, Scientific Congress, Helsinki, Finland, Nisan 2017

Şakar Daşdan D., Yalçın Gürkan Y., 2nd INTERNATIONAL CONFERENCE ON THE NEW TRENDS IN CHEMISTRY, Scientific Congress, Zagreb, Croatia, Nisan 2016

Şakar Daşdan D., Yalçın Gürkan Y., 1th INTERNATIONAL CONFERENCE ON THE NEW TRENDS IN CHEMISTRY, Scientific Congress, Dubai, United Arab Emirates, Mart 2015

Metrics

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H-Index (Scopus): 9

Congress and Symposium Activities

8th INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, Gazimagusa, Cyprus (Kkctc), 2022

7th INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, İstanbul, Turkey, 2021

6th INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, İstanbul, Turkey, 2020

5TH INTERNATIONAL CONVERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, Athens, Greece, 2019

Uluslararası katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Session Moderator, Eskişehir, Turkey, 2018

4TH NTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, Sankt-Peterburg, Russia, 2018

3RD NTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, Helsinki, Finland, 2017

2ND INERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, Zagreb, Croatia, 2016

1ST INERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Moderator, Dubai, United Arab Emirates, 2015

Scholarships

YÖK DOKTORA SONRASI ARAŞTIRMA BURSUSU, YÖK, 2013 - 2013

DOKTORA TEZİ BURSUSU, Official Institutions of Foreign Countries, 2006 - 2006

Awards

Şakar Daşdan D., SCI Kapsamındaki Dergilerde 2007-2009 Yıllarında Y.T.Ü 'de En Fazla Yayın Yapan Araştırma Görevlileri arasında 2.lık Ödülü , Yıldız Teknik Üniversitesi, January 2009

Şakar Daşdan D., TÜBİTAK-Bilimsel Yayınlar Teşvik Ödülü , Tubitak, May 2007

Şakar Daşdan D., SCI-EXPANDED Kapsamındaki Dergilerde 2005-2006 Yıllarında Y.T.Ü 'de En Fazla Yayın Yapan Araştırma Görevlileri arasında 1.lık Ödülü, Yıldız Teknik Üniversitesi, January 2006

Şakar Daşdan D., 2004 Yılında Y.T.Ü 'de Science Citation Index-Expanded Kapsamındaki Dergilerde En Fazla Yayın Yapan Araştırma Görevlileri arasında 3.lük Ödülü, Yıldız Teknik Üniversitesi, January 2005