

Prof. UFUK YILDIZ

Personal Information

Office Phone: [+90 262 303 2035](tel:+902623032035)

Fax Phone: [+90 262 303 2003](tel:+902623032003)

Email: uyildiz@kocaeli.edu.tr

Web: <http://akademikpersonel.kocaeli.edu.tr/uyildiz/>

Address: Kocaeli Üniversitesi Fen Edebiyat Fakültesi Kimya Bölümü 41001-Kocaeli

Education Information

Doctorate, Karadeniz Technical University, Fen Fakültesi, Kimya, Turkey 1994 - 1998

Postgraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1992 - 1994

Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1988 - 1992

Foreign Languages

English, C1 Advanced

Research Areas

Chemistry, Physical Chemistry, Functional Polymers, Characterization of Polymers, Polymeric Adsorbents, Polymeric Materials, Medical Applications of Polymers, Organic Chemistry, Chemistry of Macromolecules, Natural Sciences

Academic Titles / Tasks

Professor, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2009 - Continues

Associate Professor, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2004 - 2009

Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 1998 - 2004

Research Assistant, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1993 - 1998

Academic and Administrative Experience

Head of Department, Kocaeli University, Kimya Bölümü, 2015 - 2021

Ethics Committee Member, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2018 - 2020

Manager of Research and Application Center, Kocaeli University, Fen Edebiyat Fakültesi, Kimya, 2016 - 2019

University Executive Board Member, Kocaeli University, REKTÖRLÜK, 2016 - 2019

Kocaeli Üniversitesi, REKTÖRLÜK, 2013 - 2015

Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2012 - 2015

Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2012 - 2014

Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 2012 - 2014

Kocaeli Üniversitesi, Yabancı Diller Yüksekokulu, 2011 - 2012

Kocaeli Üniversitesi, Yabancı Diller Yüksekokulu, 2011 - 2012

Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2009 - 2012

Advising Theses

Yıldız U., Diosgenin türevi bileşiklerin ve polimerlerinin sentezi, karakterizasyonu ve antikanser çalışmalarında kullanımı, Doctorate, S.İLKAR(Student), 2019

Yıldız U., Silikon esaslı makroinimer varlığında yeni organojellerin sentezi, karakterizasyonu ve absorbent olarak kullanımı , Postgraduate, N.MAMMADLİ(Student), 2019

YILDIZ U., Surface functionalized nanocrystalline cellulose based materials: Synthesis, development and evaluation for biomedical and water treatment applications, Doctorate, F.Asabuwa(Student), 2018

YILDIZ U., Biyomedikal ve çevre uygulamalarına yönelik polimerik jeller ile antikorozif kaplamaların sentezi ve karakterizasyonu, Doctorate, A.ERDEM(Student), 2017

YILDIZ U., Makroinimer varlığında yeni hidrojellerin sentezlenmesi, karakterizasyonu ve atık sulardan ağır metal iyonlarının uzaklaştırılıp geri kazanımlarında kullanılması, Postgraduate, Ö.Ferkan(Student), 2009

YILDIZ U., Metil metakrilat'ın allil alkol 1,2 bütoksilat-b-etoksilat varlığında Ce(IV)/HNO₃ ile redoks polimerizasyonu, Postgraduate, Ç.YAĞCI(Student), 2003

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

- I. **Synthesis of diosgenin derivatives by A and B ring modifications and low-valent titanium (Ti-0)-catalysed McMurry coupling reactions and designing to create novel biological agents**
İLKAR ERDAĞI S., YILDIZ U.
JOURNAL OF MOLECULAR STRUCTURE, vol.1256, 2022 (Journal Indexed in SCI)
- II. **Preparation of hydrophobic macroinimer-based novel hybrid sorbents for efficient removal of organic liquids from wastewater**
Erdem A., Mammadli N., Yıldız U.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.17, pp.22064-22076, 2021 (Journal Indexed in SCI)
- III. **Genipin crosslinked gelatin-diosgenin-nanocellulose hydrogels for potential wound dressing and healing applications**
İLKAR ERDAĞI S., Ngwabebhoh F. A. , YILDIZ U.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.149, pp.651-663, 2020 (Journal Indexed in SCI)
- IV. **Pickering stabilized nanocellulose-alginate: A diosgenin-mediated delivery of quinalizarin as a potent cyto-inhibitor in human lung/breast cancer cell lines**
İlkar Erdağı S., Ngwabebhoh F. A. , Yıldız U.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.109, 2020 (Journal Indexed in SCI)
- V. **Bioinspired modified nanocellulose adsorbent for enhanced boron recovery from aqueous media: Optimization, kinetics, thermodynamics and reusability study**
Ngwabebhoh F. A. , Mammadli N., Yıldız U.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.7, no.5, 2019 (Journal Indexed in SCI)
- VI. **Nature-derived fibrous nanomaterial toward biomedicine and environmental remediation: Today's state and future prospects**
Ngwabebhoh F. A. , YILDIZ U.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.35, 2019 (Journal Indexed in SCI)
- VII. **Composite latex production with high solid content**
Delibas A., YILDIZ U., Tauer K.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.18, 2019 (Journal Indexed in SCI)

- VIII. **Diosgenin-conjugated PCL-MPEG polymeric nanoparticles for the co-delivery of anticancer drugs: design, optimization, in vitro drug release and evaluation of anticancer activity**
Erdagi S., Yildiz U.
NEW JOURNAL OF CHEMISTRY, vol.43, no.17, pp.6622-6635, 2019 (Journal Indexed in SCI)
- IX. **Pyrocatechol Recovery from Aqueous Phase by Nanocellulose-Based Platelet-Shaped Gels: Response Surface Methodology and Artificial Neural Network Design Study**
Ngwabebhoh F. A. , YILDIZ U.
Journal of Environmental Engineering (United States), vol.145, no.2, 2019 (Journal Indexed in SCI)
- X. **Pickering emulsions stabilized nanocellulosic-based nanoparticles for coumarin and curcumin nanoencapsulations: In vitro release, anticancer and antimicrobial activities**
Ngwabebhoh F. A. , Erdagi S., Yildiz U.
CARBOHYDRATE POLYMERS, vol.201, pp.317-328, 2018 (Journal Indexed in SCI)
- XI. **A novel reagent-assisted mechanochemical method for nickel recovery from lateritic ore**
Cetintas S., Yildiz U., Bingöl D.
JOURNAL OF CLEANER PRODUCTION, vol.199, pp.616-632, 2018 (Journal Indexed in SCI)
- XII. **A design optimization study on synthesized nanocrystalline cellulose, evaluation and surface modification as a potential biomaterial for prospective biomedical applications**
Ngwabebhoh F. A. , Erdem A., Yildiz U.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.114, pp.536-546, 2018 (Journal Indexed in SCI)
- XIII. **A response surface modelling study for sorption of Cu²⁺, Ni²⁺, Zn²⁺ and Cd²⁺ using chemically modified poly(vinylpyrrolidone) and poly(vinylpyrrolidone-co-methylacrylate) hydrogels**
KEMIK O. F. , NGWABEBHOH F. A. , YILDIZ U.
ADSORPTION SCIENCE & TECHNOLOGY, vol.35, pp.263-283, 2017 (Journal Indexed in SCI)
- XIV. **Synthesis, characterization and swelling investigations of novel polyetheramine-based hydrogels**
Erdem A., Ngwabebhoh F. A. , Yildiz U.
POLYMER BULLETIN, vol.74, pp.873-893, 2017 (Journal Indexed in SCI)
- XV. **Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modelling, kinetics and recovery studies**
Erdem A., Ngwabebhoh F. A. , Yildiz U.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.5, no.1, pp.1269-1280, 2017 (Journal Indexed in SCI)
- XVI. **Fabrication and characterization of novel macroporous jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies**
Erdem A., Ngwabebhoh F. A. , Cetintas S., Bingöl D., Yildiz U.
CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.117, pp.122-138, 2017 (Journal Indexed in SCI)
- XVII. **Synergistic removal of Cu(II) and nitrazine yellow dye using an eco-friendly chitosan-montmorillonite hydrogel: Optimization by response surface methodology**
Ngwabebhoh F. A. , Erdem A., Yildiz U.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.133, 2016 (Journal Indexed in SCI)
- XVIII. **Functionalized Hybrid Coatings on ABS Surfaces by PLD and Dip Coatings**
Kaçar E., Erdem A., Sanlı M. M. , Kayan A., Candan L., Yildiz U., Demir A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.26, pp.895-906, 2016 (Journal Indexed in SCI)
- XIX. **A new Schiff base: Synthesis, characterization and optimization of metal ions-binding properties**
Bilgin A., Cetintas S., Cerrahoglu E., Yildiz U., Bingöl D.
SEPARATION SCIENCE AND TECHNOLOGY, vol.51, pp.2138-2144, 2016 (Journal Indexed in SCI)
- XX. **Fabrication and characterization of soft macroporous Jeffamine cryogels as potential materials for tissue applications**
Erdem A., Ngwabebhoh F. A. , Yildiz U.
RSC Advances, vol.6, pp.111872-111881, 2016 (Journal Indexed in SCI)

- XXI. **Preparation of Al, Ti, Zr-perfluoroheptanoate compounds and their use in ring opening polymerization**
YALCIN G., YILDIZ U., KAYAN A.
APPLIED CATALYSIS A-GENERAL, vol.423, pp.205-210, 2012 (Journal Indexed in SCI)
- XXII. **Tailoring polymer architectures with macromonomer azoinitiators**
YILDIZ U., Hazer B., TAUER K.
POLYMER CHEMISTRY, vol.3, no.5, pp.1107-1118, 2012 (Journal Indexed in SCI)
- XXIII. **Reversible aggregation of responsive polymer-stabilized colloids and the pH-dependent formation of porous scaffolds**
Woodward R. T., Hight C., YILDIZ U., SCHAEFFER N., VALLIANT E. M., JONES J. R., STEVENS M. M., WEAVER J. V. M.
SOFT MATTER, vol.7, no.16, pp.7560-7566, 2011 (Journal Indexed in SCI)
- XXIV. **The removal of heavy metal ions from aqueous solutions by novel pH-sensitive hydrogels**
YILDIZ U., KEMIK O. F., Hazer B.
JOURNAL OF HAZARDOUS MATERIALS, vol.183, pp.521-532, 2010 (Journal Indexed in SCI)
- XXV. **Synthesis and characterization of new metal-free and metallophthalocyanines fused alpha-methylferrocenylmethoxy units**
BİLGİN A., YAĞCI Ç., MENDİ A., YILDIZ U.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.67, pp.377-383, 2010 (Journal Indexed in SCI)
- XXVI. **Kinetics and colloidal parameters of miniemulsion polymerization of butyl acrylate**
YILDIZ U., CAPEK I., SAROV Y., COROBEA M. C., POLOVKOVA J.
POLYMER INTERNATIONAL, vol.58, no.12, pp.1411-1421, 2009 (Journal Indexed in SCI)
- XXVII. **Synthesis, characterization, aggregation and thermal properties of a novel polymeric metal-free phthalocyanine and its metal complexes**
BİLGİN A., YAĞCI Ç., YILDIZ U., ÖZKAZANÇ E., TARCAN E.
POLYHEDRON, vol.28, no.11, pp.2268-2276, 2009 (Journal Indexed in SCI)
- XXVIII. **Synthesis and characterization of new monomeric and polymeric phthalocyanines**
BİLGİN A., YAĞCI Ç., MENDİ A., YILDIZ U.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.110, no.4, pp.2115-2126, 2008 (Journal Indexed in SCI)
- XXIX. **Miniemulsion polymerization of styrene in the presence of macromonomeric initiators**
YILDIZ U., Landfester K.
POLYMER, vol.49, no.23, pp.4930-4934, 2008 (Journal Indexed in SCI)
- XXX. **Evaluation of the (Allyl alcohol 1,2-butoxylate-blocked-toxylate)-b-PMMA copolymers composition by the dielectric measurements**
ABACI U., GÜNEY H. Y., Yildiz U.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.44, pp.1121-1126, 2007 (Journal Indexed in SCI)
- XXXI. **Inverse microemulsion copolymerization of butyl acrylate and acrylamide: kinetics, colloidal parameters and some model applications**
Yildiz U., CAPEK I., BEREK D., SAROV Y., Rangelow I. W.
POLYMER INTERNATIONAL, vol.56, no.3, pp.364-370, 2007 (Journal Indexed in SCI)
- XXXII. **Synthesis and characterization of new polymeric phthalocyanines substituted with diaza-18-crown-6 macrocycles through ethyleneoxy bridges**
Bilgin A., Yagci C., MENDİ A., Yildiz U.
POLYHEDRON, vol.26, no.3, pp.617-625, 2007 (Journal Indexed in SCI)
- XXXIII. **Novel phthalocyanine polymers with very flexible pentathiatetraethylene units**
Bilgin A., MENDİ A., Yildiz U.
POLYMER, vol.47, no.26, pp.8462-8473, 2006 (Journal Indexed in SCI)
- XXXIV. **Novel network polymeric phthalocyanines: Synthesis and characterization**
BİLGİN A., YAĞCI Ç., Yildiz U.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.206, no.22, pp.2257-2268, 2005 (Journal Indexed in SCI)

- XXXV. **On the role of hydrophilicity and hydrophobicity in aqueous heterophase polymerization**
TAUER K., ALI A., YILDIZ U., SEDLAK M.
POLYMER, vol.46, no.4, pp.1003-1015, 2005 (Journal Indexed in SCI)
- XXXVI. **Redox polymerization of methyl methacrylate with allyl alcohol 1,2-butoxylate-block-ethoxylate initiated by Ce(IV)/HNO₃ redox system**
YAGCI C., YILDIZ U.
EUROPEAN POLYMER JOURNAL, vol.41, no.1, pp.177-184, 2005 (Journal Indexed in SCI)
- XXXVII. **Reactive poly(ethylene glycol)s in aqueous radical heterophase polymerization**
TAUER K., YILDIZ U.
MACROMOLECULES, vol.36, no.23, pp.8638-8647, 2003 (Journal Indexed in SCI)
- XXXVIII. **The fabrication of very small miniemulsion latexes from N-stearoylglutamate and lauryl methacrylate: Evidence for droplet budding**
YILDIZ U., LANDFESTER K., ANTONIETTI M.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.204, no.16, pp.1966-1970, 2003 (Journal Indexed in SCI)
- XXXIX. **Microemulsion polymerization of styrene in the presence of macroinimer**
YILDIZ U., CAPEK I.
POLYMER, vol.44, no.8, pp.2193-2200, 2003 (Journal Indexed in SCI)
- XL. **Dispersion redox copolymerization of methyl methacrylate with macromonomeric azoinitiator as a macrocrosslinker**
YILDIZ U., HAZER B.
POLYMER, vol.41, no.2, pp.539-544, 2000 (Journal Indexed in SCI)
- XLI. **Dispersion polymerization of styrene and methyl methacrylate initiated by macromonomeric azoinitiator**
YILDIZ U., HAZER B.
ANGEWANDTE MAKROMOLEKULARE CHEMIE, vol.265, pp.16-19, 1999 (Journal Indexed in SCI)
- XLII. **Free radical crosslinking copolymerization. Gelation behavior of macromonomeric azoinitiators versus macrocrosslinkers**
YILDIZ U., HAZER B.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.199, no.2, pp.163-168, 1998 (Journal Indexed in SCI)
- XLIII. **DISPERSION POLYMERIZATION OF STYRENE AND METHYL-METHACRYLATE INITIATED BY POLY(OXYETHYLENE) MACROMONOMERIC AZOINITIATORS**
YILDIZ U., HAZER B., CAPEK I.
ANGEWANDTE MAKROMOLEKULARE CHEMIE, vol.231, pp.135-144, 1995 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A new hydrometallurgical process involving mechanochemical conversion with reagent**
Çetintaş S., Bingöl D., Yıldız U.
6th International Conference and Exhibition on Materials Science and Chemistry, Rome, Italy, 17 - 18 May 2018, vol.7
- II. **The Role of High-Energy Milling Applications on Leaching Performance**
Çetintaş S., Yıldız U., Bingöl D.
8th Black Sea Basin Conference on Analytical Chemistry, İstanbul, Turkey, 9 - 11 May 2018
- III. **Effect of Mechanical Activation on Acid Leaching for Nickel Recovery from Lateritic Ore: Optimization of Process Conditions**
ÇETİNTAŞ S., BİNGÖL D., YILDIZ U.
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017, pp.32
- IV. **Effect of mechanical activation on acid leaching for nickel recovery from latteric ore: Optimization Of process conditions**
Cetintas S., BİNGÖL D., YILDIZ U.

International conference on Technology, engineering and Science, 26 - 29 October 2017

- V. **Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modelling, kinetics and recovery studies**
YILDIZ U.
. 6th International Conference on Environmental Chemistry and Engineering, Roma, Italy, 24 - 25 July 2017
- VI. **Treatment of hazardous waste incineration plant effluent by novel hydrogels**
Kemik Ö. F. , YILDIZ U.
6th International Conference on Environmental Chemistry and Engineering, Roma, Italy, 24 - 25 July 2017
- VII. **Doku İskelesi Olarak Kullanılabilecek Polyetheramine Bazlı Kriyojellerin Sentezi ve Karakterizasyonu**
ERDEM A., Asabuwa Ngwabeboh F., YILDIZ U.
6. Fiziksel Kimya Kongresi, 15 - 18 May 2017
- VIII. **Synergistic Removal of Cu(II) and Nitrazine Yellow Dye Using an EcoFriendlyHydrogel: Optimization by Response Surface Methodology**
Asabuwa Ngwabeboh F., ERDEM A., YILDIZ U.
6. Fiziksel Kimya Kongresi, 15 - 18 May 2017
- IX. **Yeni Nesil Makro Gözenekli İndirgenmiş Polietheramine BazlıKriyojellerin Cu (II) İyon Adsorpsiyon Uygulamaları**
ERDEM A., Asabuwa Ngwabeboh F., YILDIZ U.
6. Fiziksel Kimya Kongresi, 15 - 18 May 2017
- X. **Yeni Nesil Makro Gözenekli İndirgenmiş Polietheramine Bazlı Kriyojellerin Cu (II) İyon Adsorpsiyon Uygulamaları**
ERDEM A., Ngwabeboh A. F. , YILDIZ U.
6. Fiziksel Kimya Kongresi, 15 - 18 May 2017
- XI. **Nanoformulations of Novel Boron Based Polyesters for Use in Drug Delivery Systems**
Arıcan M. O. , Aybüke H. K. , Duruksu G., Yıldız U., Kayan A., Mert O.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- XII. **Synthesis of Poly isobutyl methyl glycolide and Poly isobutyl ethyl glycolide Polymers for Use In Drug Delivery Systems**
MERT O., vardar a., arıcan m. o. , YILDIZ U., KAYAN A.
4th international BAU drug design congress, 13 - 15 October 2016
- XIII. **Syntheses and nanoformulations of novel boron based poly diisobutyl glycolide homopolymers and their copolymerswith lactide for drug delivery systems**
Arıcan M. O. , Kandıra H. A. , Duruksu G., Yıldız U., Kayan A., Mert O.
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- XIV. **Synthesis and characterization of new class of boron based asymmetric poly substituted glycolides for biomedical applications**
vardar a., arıcan m. o. , YILDIZ U., KAYAN A., MERT O.
46th IUPAC world polymer congress MACRO2016, 17 July 2016
- XV. **Synthesis and Characterization of a New Class of Boron Based Asymmetric Poly Substituted Glycolides for BiomedicalApplications**
Vardar A., Arıcan M. O. , YILDIZ U., KAYAN A., MERT O.
46th IUPAC World Polymer Congress (MACRO 2016), 17 - 21 July 2016
- XVI. **Evaluations of molecular weight and reduction effects on Jeffamine glutaraldehyde cryogels for potential application as scaffolds in cartilage tissue engineering**
ERDEM A., YILDIZ U., Fahanwi A. N.
46. IUPAC World Polymer Congress, 17 - 21 July 2016
- XVII. **syntheses and nanoformulations of novel boron based poly diisobutyl glycolide homopolymers and their copolymers with lactide for drug delivery sytems**
arıcan m. o. , kandıra a. h. , DURUKSU G., YILDIZ U., KAYAN A., MERT O.
46th IUPAC World Polymer Congress, 17 - 21 July 2016
- XVIII. **Synthesis and characterization of a new class of boron based asymmetric poly substiueted glycolides**

for biomedical applications

Vardar A., Arıcan M. O. , YILDIZ U., KAYAN A., MERT O.

46. IUPAC World Polymer Congress, 17 - 21 July 2016

- XIX. **Polieteramine bazlı hidrojenlerin şişme davranışlarının incelenmesi Çanakkale Türkiye 2015**
ERDEM A., Asabuwa F., YILDIZ U.
27. Ulusal kimya kongresi, Turkey, 23 - 28 August 2015
- XX. **Syntheses and Characterizations of Poly Diethyl Glycolide Polymers**
MEHMET ONUR A., KAYAN A., YILDIZ U., MERT O.
EPF2015, European Polymer Congress, Dresden, Germany, (2015), 21 - 23 June 2015
- XXI. **Synthesis and characterization of Jeffamine based hydrogels and investigation of Cu II ion binding properties by response surface method approach**
ERDEM A., YILDIZ U., Fahanwi A.
European Polymer Congress, 21 - 26 June 2015
- XXII. **Yeni Bir Schiff Bazı Sentezi Karakterizasyonu ve Cu II İyon Bağlama Özelliklerinin İncelenmesine Yanıt Yüzey Metodu**
Bilgin A., Çetintaş S., Cerrahoğlu E., Yıldız U., Bingöl D.
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 May - 05 September 2014
- XXIII. **Metilferrosenilmetoksi Birimleri İçeren Ftalosiyaninlerin Sentezi ve Karakterizasyonu**
BİLGİN A., YAĞCI Ç., Mendi A., YILDIZ U.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- XXIV. **Yeni Polimerik Ftalosiyaninlerin Sentezi, Karakterizasyonu, Agregasyonu ve Termal Özelliklerinin İncelenmesi**
BİLGİN A., YAĞCI Ç., YILDIZ U., ÖZKAZANÇ E., TARCAN E.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- XXV. **Fleksible Gruplar İçeren Polimerik Ftalosiyaninlerin Sentezi ve Özelliklerinin İncelenmesi**
BİLGİN A., YAĞCI Ç., YILDIZ U., Mendi A.
XX. Ulusal Kimya Kongresi Kayseri, Turkey, 4 - 08 September 2006
- XXVI. **Makrosiklik Grup İçeren Polimerik Ftalosiyaninlerin Sentezi ve Karakterizasyonu**
YAĞCI Ç., BİLGİN A., YILDIZ U., Mendi A.
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
- XXVII. **Metil Metakrilat ın Allil alkol 1 2 butoksilat blok etoksilat varlığına Ce IV HNO₃ ile Redoks Polimerizasyonu**
YAĞCI Ç., YILDIZ U.
XVIII. Ulusal Kimya Kongresi, Turkey, 5 - 09 July 2004

Supported Projects

YILDIZ U., Project Supported by Higher Education Institutions, PETROL TÜREVLİ MALZEMELERİ DENİZ YÜZEYİNDEN TEMİZLEYECEK YAĞ BAZLI ORGANOJELLERİN ÇIT-ÇIT REAKSİYONUyla SENTEZLENMESİ VE KARAKTERİZASYONU, 2017 - 2018

YILDIZ U., Project Supported by Higher Education Institutions, ANTİKOROZİF POLİMERİK KAPLAMALARIN PCB DEVRELERDEKİ LEHİM ÜZERİNE ETKİLERİNİN İNCELENMESİ, 2017 - 2017

YILDIZ U., Project Supported by Higher Education Institutions, Yeni Tür Hidrojellerin Sentezi, Karakterizasyonu ve atık sulardan ağır metal iyonlarının uzaklaştırılmasında kullanılması, 2011 - 2013

YILDIZ U., Project Supported by Higher Education Institutions, Güneş Enerji Sistemlerinde Kullanılmak Üzere Yeni Bir Üç Fazlı Çok Seviyeli Evirici Tasarımı, 2011 - 2013

YILDIZ U., TUBITAK Project, Atık sulardan ağır metallerin uzaklaştırılması ve geri kazanılması, 2008 - 2009

YILDIZ U., Other Supported Projects, Preparation of nonconventional polymer dispersions by using macromonomeric azoinitiator, 2000 - 2000

Activities in Scientific Journals

Current Applied Polymer Science, Committee Member, 2016 - Continues

Scientific Refereeing

Current Applied Polymer Science, Other journals, June 2018
Current Applied Polymer Science, Other journals, March 2018
RSC Advances, SCI Journal, March 2018
Polymer, SCI Journal, February 2018
Current Applied Polymer Science, Other journals, November 2017
Current Applied Polymer Science, Other journals, April 2017
Current Applied Polymer Science, Other journals, April 2017
Chemical Engineering Research and Design, SCI Journal, April 2017
European Polymer Journal, SCI Journal, March 2017
European Polymer Journal, SCI Journal, February 2017
Journal of Applied Polymer Science, SCI Journal, February 2017
RSC Advances, SCI Journal, February 2017
Polymer, SCI Journal, June 2016
European Polymer Journal, SCI Journal, April 2016
Current Applied Polymer Science, Other journals, April 2016
Chemical Engineering Research and Design, SCI Journal, April 2016
Current Applied Polymer Science, Other journals, April 2016
RSC Advances, SCI Journal, March 2016
Chemical Engineering Research and Design, SCI Journal, March 2016
Journal of Applied Polymer Science, SCI Journal, February 2016
Current Applied Polymer Science, Other Indexed Journal, February 2016
Polymer, Journal Indexed in SSCI, August 2015
Polymer, SCI Journal, May 2015
Polymer International, SCI Journal, April 2015
Polymer, SCI Journal, March 2015
Journal of Hazardous Materials, SCI Journal, March 2015
Macromolecular Chemistry and Physics, SCI Journal, July 2014
Journal of Applied Polymer Science, SCI Journal, June 2013
Macromolecular Chemistry and Physics, SCI Journal, March 2013
Polymer Bulletin, SCI Journal, June 2012
Polymer Journal, SCI Journal, March 2012
Polymer, SCI Journal, January 2012
Journal of Hazardous Materials, SCI Journal, April 2011
Journal of Hazardous Materials, SCI Journal, April 2011
Macromolecular Chemistry and Physics, SCI Journal, April 2010
Polymer, SCI Journal, February 2010
Polymer, SCI Journal, June 2009
Journal of Applied Polymer Science, SCI Journal, April 2009
Polymer, SCI Journal, April 2009
Polymer, SCI Journal, March 2009
Polymer, SCI Journal, March 2009
Polymer, SCI Journal, February 2009
Polymer, SCI Journal, January 2009
Journal of Macromolecular Science Part A: Pure and Applied Chemistry, SCI Journal, July 2008

Macromolecular Chemistry and Physics, SCI Journal, May 2008
Polymer International, SCI Journal, April 2008
Polymer International, SCI Journal, April 2008
Polymer Bulletin, SCI Journal, March 2008
Polymer Bulletin, SCI Journal, March 2008
Journal of Macromolecular Science Part A: Pure and Applied Chemistry, SCI Journal, April 2007
Journal of Macromolecular Science Part A: Pure and Applied Chemistry, SCI Journal, February 2007
Polymer, SCI Journal, February 2007
Polymer, SCI Journal, February 2007
Polymer International, SCI Journal, February 2007
Polymer, SCI Journal, January 2007
Polymer, SCI Journal, July 2006
European Polymer Journal, SCI Journal, July 2006
Polymer, SCI Journal, May 2006
Polymer, SCI Journal, February 2006
Polymer, SCI Journal, June 2005
Polymer, SCI Journal, April 2005
Polymer, SCI Journal, March 2005
Polymer Bulletin, SCI Journal, February 2005
Polymer, SCI Journal, April 2004
European Polymer Journal, SCI Journal, February 2004
Polymer, SCI Journal, June 2003
Macromolecular Chemistry and Physics, SCI Journal, April 2003
Polymer, SCI Journal, April 2002
Polymer, SCI Journal, February 2002
European Polymer Journal, SCI Journal, February 2002
Polymer, SCI Journal, January 2002

Edit Congress and Symposium Activities

Effect of Mechanical Activation on Acid Leaching for Nickel Recovery from Lateritic Ore: Optimization of Process Condition, Attendee, Antalya, Turkey, 2017
Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modelling, kinetics and recovery studies, Attendee, Rome, Italy, 2017
Treatment of hazardous waste incineration plant effluent by novel hydrogels, Attendee, Rome, Italy, 2017
Synthesis and characterization of Diels-Alder mediated poly(ethylene glycol) based hydrogels, Attendee, Ghent, Belgium, 2017
Evaluations of molecular weight and reduction effects on Jeffamine-glutaraldehyde cryogels for potential application as scaffolds in cartilage tissue engineering, Attendee, İstanbul, Turkey, 2016
Synthesis and characterization of a new class of boron based asymmetric poly(substituted glycolides) for biomedical applications, Attendee, Turkey, 2016
Syntheses and nanoformulations of novel boron based poly(diisobutyl glycolide) homopolymers and their copolymers with lactide for drug delivery systems, Attendee, Turkey, 2016
Characterization of grafted pH and thermo responsive hydrogels synthesized by ring opening polymerization of polyethyleneoxide bis(glycidyl ether) with monoamino and diamino Jeffamine series, Attendee, Stockholm, Sweden, 2016
Synthesis of poly(isobutyl- methyl glycolide) and poly(isobutyl-ethyl glycolide) polymers for use in drug delivery systems, Attendee, Turkey, 2016
Nanoformulations of novel boron based polyesters for use in drug delivery systems, Attendee, Turkey, 2016
Syntheses and characterizations of poly(diethyl glycolide) polymers, Attendee, Dresden, Germany, 2015

Synthesis and characterization of Jeffamine based hydrogels and investigation of Cu (II) ion binding properties by response surface method approach, Attendee, Dresden, Germany, 2015
Characterization and Cu (II) ion binding properties of porous hydrogels synthesized from different types of jeffamine molecules, Attendee, İstanbul, Turkey, 2015
Removal and recovery of heavy metal ions from wastewater, Attendee, Dresden, Germany, 2009
Preparation of vitamin C minidroplets via miniemulsion polymerization and their encapsulation by poly(methyl methacrylate), Attendee, Antalya, Turkey, 2007
On the role of hydrophilicity and hydrophobicity in aqueous heterophase polymerization, Attendee, Lyon, France, 2004
Electrostatically-and sterically-stabilized microemulsion polymerization of styrene in the presence of macroinimer, Attendee, Munich, Germany, 2003
The dispersion polymerization of unsaturated monomers initiated by the macromonomeric initiator, Attendee, Bratislava, Slovakia, 2001
Dispersion polymerization of styrene and methyl methacrylate initiated by poly(oxyethylene) macromonomeric azoinitiators, Attendee, İstanbul, Turkey, 1995

Citations

Total Citations (WOS):714

h-index (WOS):17

Scholarships

YÖK Öğretim Üyesi Bursu, YOK, 2011 - Continues

Ziyaretçi Öğretim Üyesi, Other International Organizations, 2008 - Continues

Max Planck Society Bursu, Other International Organizations, 2003 - Continues

TÜBİTAK-NATO B1 Bursu, NATO, 2001 - Continues

TÜBİTAK Münir Bırsel Vakfı Bursu, TUBİTAK, 1996 - Continues