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Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen-Bilimleri Enstitüsü, Kimya, Türkiye 2007 - 2012

Lisans Çift Anadal, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, Türkiye 2003 - 2008

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen-Bilimleri Enstitüsü, Kimya, Türkiye 2005 - 2007

Lisans, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Türkiye 2002 - 2005

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, New Photoinitiating Systems for Cationic Polymerization of Vinyl Ethers, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2012

Yüksek Lisans, A New Method For Photoinitiated Cationic Polymerization of Vinyl Ethers, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2007

Araştırma Alanları

Kimya, Fizikokimya, Polimer Kimyada Yeni Teknolojiler, Polimerik Malzemeler, Polimerlerin Tıbbi Uygulamaları, Temel Bilimler

Akademik Unvanlar / Görevler

Doç.Dr., İstanbul Teknik Üniversitesi, Fen-Edebiyat, Kimya, 2018 - Devam Ediyor

Doç.Dr., Yıldız Teknik Üniversitesi, Kimya-Metalürji Fak., Biyomühendislik, 2016 - 2018

Yrd.Doç.Dr., Yıldız Teknik Üniversitesi, Kimya-Metalürji Fak., Biyomühendislik, 2013 - 2016

Uzman, Yıldız Teknik Üniversitesi, Kimya-Metalürji Fak., Biyomühendislik, 2012 - 2013

Verdiği Dersler

General Chemistry, Lisans, 2017 - 2018

Polymer Technologies, Lisans, 2017 - 2018

Organic Chemistry for Engineers, Lisans, 2016 - 2017

Polimerik İlaç Salım Sistemleri, Yüksek Lisans, 2017 - 2018

Makromoleküler Malzemelerin Biyomühendisliği, Doktora, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Surface modification of zeolite and kaolin with 3-(aminopropyl) triethoxysilane and 3-(trimethoxysilyl) propyl methacrylate**
Özel C., Akat C., Alosmanov R., Kahveci M. Ü., Emir C., Yücel S.
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- II. **Porphyrin-based covalent organic polymer by inverse electron demand Diels-Alder reaction**
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- III. **Light-Induced Inverse Electron Demand Diels-Alder Reaction as an Approach for Grafting Macromolecules to Glass Surfaces**
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- IV. **Fast and efficient preparation of three-arm star block copolymers via tetrazine ligation**
Bakirdogen G., Kahveci E. L. S., Kahveci M. Ü.
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- V. **Direct synthesis of tetrazine functionalities on polymer backbones**
Kara S. S., Ates M. Y., Deveci G., Cetinkaya A., Kahveci M. Ü.
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- VI. **One-pot one-step synthesis of a photo-cleavable cross-linker via Passerini reaction for fabrication of responsive polymeric particles**
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- VII. **Homodimeric Protein-Polymer Conjugates via the Tetrazine-trans-Cyclooctene Ligation**
Lorenzo M. M., Decker C. G., Kahveci M. Ü., Paluck S. J., Maynard H. D.
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- VIII. **Photoinduced in situ formation of clickable PEG hydrogels and their antibody conjugation**
Kahveci M. Ü., CIFTCI M., EVRAN S., TİMUR S., Yagci Y.
DESIGNED MONOMERS AND POLYMERS, cilt.18, sa.2, ss.129-136, 2015 (SCI-Expanded)
- IX. **Graft Copolymers with Complex Polyether Structures: Poly(ethylene oxide)- graft Poly(isobutyl vinyl ether) by Combination of Living Anionic and Photoinduced Cationic Graft Polymerization**
Kahveci M. Ü., MANGOLD C., FREY H., Yagci Y.
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- X. **Influence of type of zinc salts on photoinitiated living cationic polymerization of vinyl ethers**
Kahveci M. Ü., OYTUN F., Yagci Y.
POLYMER, cilt.54, sa.18, ss.4798-4801, 2013 (SCI-Expanded)
- XI. **Synthesis of polysulfone-b-polystyrene block copolymers by mechanistic transformation from condensation polymerization to free radical polymerization**
DIZMAN C., Kahveci M. Ü., Yagci Y.

- POLYMER BULLETIN, cilt.70, sa.7, ss.2097-2109, 2013 (SCI-Expanded)
- XII. Sugar overcomes oxygen inhibition in photoinitiated free radical polymerization
OYTUN F., Kahveci M. Ü., Yagci Y.
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- XIII. Synthesis of polybenzoxazine precursors using thiols: Simultaneous thiol-ene and ring-opening reactions
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- XIV. Synthesis of Block Copolymers by Combination of Atom Transfer Radical Polymerization and Visible Light-Induced Free Radical Promoted Cationic Polymerization
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- XV. A simple route to synthesis of branched and cross-linked polymers with clickable moieties by photopolymerization
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- XVI. Polymer grafting onto magnetite nanoparticles by "click" reaction
AMICI J., Kahveci M. Ü., ALLIA P., TIBERTO P., Yagci Y., SANGERMANO M.
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- XVII. A One Pot, One Step Method for the Preparation of Clickable Hydrogels by Photoinitiated Polymerization
YILMAZ G., Kahveci M. Ü., Yagci Y.
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- XVIII. Photoinitiated Cationic Polymerization of Vinyl Ethers Using Substituted Vinyl Halides in the Presence of Metallic Zinc
Kahveci M. Ü., Yagci Y.
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- XIX. Polyacrylamide Cryogels by Photoinitiated Free Radical Polymerization
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- XX. Synthesis of Block Copolymers by Combination of Atom Transfer Radical Polymerization and Visible Light Radical Photopolymerization Methods
ACIK G., Kahveci M. Ü., Yagci Y.
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- XXI. In situ synthesis of biomolecule encapsulated gold-cross-linked poly(ethylene glycol) nanocomposite as biosensing platform: A model study
Odaci D., Kahveci M. Ü., SAHKULUBEY E. L., Ozdemir C., Uyar T., TİMUR S., Yagci Y.
BIOELECTROCHEMISTRY, cilt.79, sa.2, ss.211-217, 2010 (SCI-Expanded)
- XXII. Antibacterial Acrylamide Hydrogels Containing Silver Nanoparticles by Simultaneous Photoinduced Free Radical Polymerization and Electron Transfer Processes
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- XXIII. Photopolymerization of Vinyl Ether Networks Using an Iodonium Initiator-The Role of Photosensitizers
COOK W. D., Chen S., CHEN F., Kahveci M. Ü., Yagci Y.
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- XXIV. Photoinitiated Cationic Polymerization of Vinyl Ethers Using Substituted Vinyl Halides
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- XXV. Synthesis of Poly(isobutyl vinyl ether)-graft-Poly(ethylene oxide) Co-polymer with Pendant Methacrylate Functionality and Its Photo-curing Behavior

- DEVRIM E. S., Kahveci M. Ü., TASDELEN M. A., ITO K., Yagci Y.
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- XXVI. **Photoinitiated cationic polymerization of mono and divinyl ethers in aqueous medium using ytterbium triflate as lewis acid**
Kahveci M. Ü., TASDELEN M. A., COOK W. D., Yagci Y.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.209, sa.18, ss.1881-1886, 2008 (SCI-Expanded)
- XXVII. **Photo-induced cross-linking of divinyl ethers by using diphenyliodonium salts with highly nucleophilic counter anions in the presence of zinc halides**
Kahveci M. Ü., TASDELEN M. A., Yagci Y.
MACROMOLECULAR RAPID COMMUNICATIONS, cilt.29, sa.3, ss.202-206, 2008 (SCI-Expanded)

Metrikler

Yayın: 53
Atıf (WoS): 817
Atıf (Scopus): 832
H-İndeks (WoS): 16
H-İndeks (Scopus): 16

Burslar

2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2013 - Devam Ediyor
2231 TU-Bİ-TAK-Lindau Bilimsel Etkinliklere Katılma Desteg'i Programı, TÜBİTAK, 2013 - Devam Ediyor
2211-A Genel Yurt İçi Doktora Burs Programı, TÜBİTAK, 2007 - Devam Ediyor
2210-A Genel Yurt İçi Yüksek Lisans Burs Programı, TÜBİTAK, 2005 - Devam Ediyor
Yurt İçi Lisans Burs Programı, TÜBİTAK, 2002 - Devam Ediyor

Akademi Dışı Deneyim

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