

Lect. PhD FEYZA GENÇ

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International Researcher IDs

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Education

Doctorate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 2009 - 2013

Postgraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2007

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 2000 - 2004

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, N-izopropilakrilamit'xxin radyasyonla başlatılan raft polimerizasyonu ve poli(N-izopropilakrilamit) nanojellerin hazırlanması, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2013

Postgraduate, Quaternization of poly(1-vinylimidazole) hydrogel and its use in anion adsorption, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 2007

Research Areas

Chemistry, Natural Sciences

Academic Positions

Lecturer PhD, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2008 - Continues

Journal articles indexed in SCI, SSCI, and AHCI

- I. Designing Advanced Cross-Linked Proton Exchange Membranes with Enhanced Structural Homogeneity and Proton Conductivity via Radiation-Induced RAFT Polymerization.
Genç F., Yıldırım Kılıç N., Barsbay M.
ACS omega, vol.9, no.26, pp.28194-28206, 2024 (SCI-Expanded)

- II. Additive-free synthesis of poly(n-vinyl pyrrolidone) and poly(n-isopropylacrylamide) nanogels with controlled sizes
Sütekin S. D., KIRAÇ F., GUVEN O.
Turkish Journal of Chemistry, vol.47, no.2, pp.386-398, 2023 (SCI-Expanded)
- III. The Effect of Ascorbic Acid (Vitamin C) on Transepithelial Corneal Cross-Linking in Rabbits
KOC M., BOSTANCI B., DEMIREL O. O., GENC F., TEKIN K., Koban Y., Dincel A. S., ŞEN M., YILMAZBAS P.
JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, vol.33, no.7, pp.525-529, 2017 (SCI-Expanded)
- IV. MORPHOLOGY, MECHANICAL AND THERMAL PROPERTIES OF NANOCOMPOSITES BASED ON ISOTACTIC POLYPROPYLENE AND ZIRCONIUM DIOXIDE NANOPARTICLES
RAMAZANOV M. A., MAHARRAMOV A. M., HAJİYEVA F. V., KIRAÇ F., GÜVEN O.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.46, no.3, pp.375-382, 2016 (SCI-Expanded)
- V. Quaternized poly(1-vinylimidazole) hydrogel for anion adsorption
KIRAÇ F., UZUN C., GÜVEN O.
Polymer Bulletin, vol.73, pp.179-190, 2016 (SCI-Expanded)
- VI. Gamma radiation induced synthesis of poly(N-isopropylacrylamide) mediated by Reversible Addition-Fragmentation Chain Transfer (RAFT) process
KIRAÇ F., GÜVEN O.
RADIATION PHYSICS AND CHEMISTRY, vol.112, pp.76-82, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. Green and Facile Synthesis of Pullulan-Stabilized Silver and Gold Nanoparticles for the Inhibition of Quorum Sensing
Ghaffarlou M., Ilk S., Hammamchi H., KIRAÇ F., Okan M., Guven O., BARSBAY M.
ACS APPLIED BIO MATERIALS, vol.5, no.2, pp.517-527, 2022 (ESCI)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. Release of Doxorubicin from Poly N isopropylacrylamide Nanogels Synthesized by Gamma Irradiation
KIRAÇ F., GÜVEN O.
13th Tihany Symposium on Radiation Chemistry, 29 August - 04 September 2015, (Summary Text)
- II. İlaç Taşıyıcı Sistem Olarak Tasarlanmış Poli N izopropilakrilamat PNiPAAm Nanojellerin Hazırlanması
KIRAÇ F., GÜVEN O.
5. Ulusal Polimer Bilim ve Teknoloji Kongresi, Tokat, Turkey, 1 - 04 September 2014, (Summary Text)
- III. Radiation Induced Synthesis of Nanogels from Poly N isopropylacrylamide with very Narrow Molecular Weights
KIRAÇ F., GÜVEN O.
10th Meeting of Ionizing Radiation and Polymers Symposium, IRaP 2012, 14 - 19 October 2012, (Summary Text)
- IV. Gama Işınları Kullanılarak Poli N izopropilakrilamat in Tersinir Katılma Ayrılma Zincir Transfer Polimerizasyonu RAFT İle Sentezi
KIRAÇ F., GÜVEN O.
4. Ulusal Polimer Bilim ve Teknoloji Kongresi, Çanakkale, Turkey, 5 - 08 September 2012, (Summary Text)
- V. Radiation Induced Synthesis of Poly N isopropylacrylamide mediated by Reversible Addition Fragmentation Chain Transfer RAFT
KIRAÇ F., GÜVEN O.
9th Meeting of Ionizing Radiation and Polymers Symposium, IRaP 2010, Maryland, United States Of America, 24 - 30 October 2010, (Summary Text)

- VI. **Düşük Yoğunluklu Polietilen ve Etilen Vinil Asetat Kopolimeri Kullanılarak Isı ile Büzülebilen Tüpelerin Hazırlanması**
KIRAÇ F., ŞEN M.
3. Ulusal Polimer Bilim ve Teknoloji Kongresi, Kocaeli, Turkey, 12 - 14 May 2010, (Summary Text)
- VII. **Poli 1 vinilimidazol Hidrojelinin Kuaternizasyonu ve Anyon Adsorpsiyonunda Kullanımı**
KIRAÇ F., UZUN C., GÜVEN O.
2. Ulusal Polimer Bilim ve Teknoloji Kongresi, Şanlıurfa, Turkey, 3 April - 02 May 2008, (Summary Text)

Funded Projects

Genç F., Barsbay M., IAEA International Atomic Energy Agency Supported Project, Synthesis of ETFE-Based Proton Exchange Membrane (PEM) via Radiation-Induced RAFT Polymerization for Fuel-Cell Applications, 2019 - 2024

Kıraç F., Barsbay M., Other International Funding Programs, Formation of Palladium Nanoclusters via radiation induced reduction of palladium ions absorbed on poly(vinylpyrrolidone) shell grafted on silica microparticles by RAFT polymerization and investigation of their catalytic activities, 2019 - 2022

Kıraç F., Güven O., Barsbay M., Other International Funding Programs, Modification of Cell Culture Dishes by Spin Coating and/or Grafting of Poly(NIPAAm) for Cell Sheet Recovery, 2013 - 2019

GENÇ F., ŞEN M., Project Supported by Higher Education Institutions, Ksantan Sakızı Polimerinin İyonlaştırıcı Radyasyonla Bozunma Hızına İşnlama Dozunun ve Doz Hızının Etkisi, 2015 - 2015

GENÇ F., Project Supported by Higher Education Institutions, Gama İşnları İle Sentezlenmiş Poli(N-izopropilakrilamit) Nanojellerinden Dokсорubisin Salımı, 2015 - 2015

Kıraç F., Project Supported by Higher Education Institutions, Doğal Polimerlerin Termogravimetrik Analizör Diferansiyel Taramalı Kalorimetri TGA DSC Sistemleri ile Isıl Karakterizasyonu, 2014 - 2014

Kıraç F., Güven O., Project Supported by Higher Education Institutions, Termogravimetri Fırını Alımı, 2014 - 2014

Kıraç F., Güven O., TUBITAK Project, Poli(N-vinilimidazol)'ün Eser Miktarındaki Metal İyonlarının Zenginleştirilmesi ve Uzaklaştırmasında Kullanılması, 2005 - 2006

Metrics

Publication: 16
Citation (WoS): 24
Citation (Scopus): 23
H-Index (WoS): 3
H-Index (Scopus): 3