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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Boğaziçi Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 2011 - 2017
Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science and Technology, Türkiye 2008 - 2010
Lisans Çift Anadal, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri ve Tasarımı, Tekstil Mühendisliği, Türkiye 2005 - 2009
Lisans, İstanbul Teknik Üniversitesi, Fen-Edebiyat, Kimya, Türkiye 2004 - 2008

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, İstanbul Teknik Üniversitesi, Tekstil Teknolojileri ve Tasarımı, Tekstil Mühendisliği, 2023 - Devam Ediyor
Araştırma Görevlisi, Boğaziçi Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2011 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Fabrication and characterization of graphene-loaded recycled poly(ethylene terephthalate) electrospun composite nanofibrous mats with improved thermal conductivity**
Kalaoğlu Altan Ö. İ., Karagüzel Kayaoğlu B., Trabzon L.
Polymer Composites, cilt.45, sa.1, ss.709-721, 2024 (SCI-Expanded)

II. **Improving thermal conductivities of textile materials by nanohybrid approaches**
Kalaoglu-Altan O. I., Karagüzel Kayaoğlu B., Trabzon L.
ISCIENCE, cilt.25, sa.3, 2022 (SCI-Expanded)

III. **Hydrophilic Cross-Linked Polymeric Nanofibers Using Electrospinning: Imparting Aqueous Stability to Enable Biomedical Applications**
Golba B., Kalaoglu-Altan Ö. İ., Sanyal R., Sanyal A.
ACS Applied Polymer Materials, cilt.4, sa.1, ss.1-17, 2022 (SCI-Expanded)

IV. **Silver Nanoparticle-Coated Polyhydroxyalkanoate Based Electrospun Fibers for Wound Dressing Applications**
Kalaoglu-Altan Ö. İ., Baskan H., Meireman T., Basnett P., Azimi B., Fusco A., Funel N., Donnarumma G., Lazzeri A., Roy I., et al.
MATERIALS, cilt.14, sa.17, 2021 (SCI-Expanded)

V. **Micropatterned Reactive Nanofibers: Facile Fabrication of a Versatile Biofunctionalizable Interface**

Kalaoglu-Altan Ö. İ., Sanyal R., Sanyal A.
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VI. **Crosslinking of electrospun and bioextruded partially hydrolyzed poly(2-ethyl-2-oxazoline) using glutaraldehyde vapour**
Kalaoglu-Altan Ö. İ., Li Y., McMaster R., Shaw A., Hou Z., Vergaelen M., Hoogenboom R., Dargaville T. R., De Clerck K.
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VII. **Orthogonally "clickable" Biodegradable Nanofibers: Tailoring Biomaterials for Specific Protein Immobilization**
Kalaoglu-Altan Ö. İ., Sanyal R., Sanyal A.
ACS Omega, cilt.4, sa.1, ss.121-129, 2019 (SCI-Expanded)

VIII. **Humidity induced inhibition and enhancement of spontaneous emission of dye molecules in a single PEG nanofiber**
Gökbulut B., Yartasi E., Sunar E., Kalaoglu-Altan Ö. İ., Gevrek T. N., Sanyal A., Inci M. N.
Optical Materials Express, cilt.8, sa.3, ss.568-580, 2018 (SCI-Expanded)

IX. **Diels-Alder "clickable" Biodegradable Nanofibers: Benign Tailoring of Scaffolds for Biomolecular Immobilization and Cell Growth**
Kalaoglu-Altan Ö. İ., Kirac-Aydin A., Sumer Bolu B., Sanyal R., Sanyal A.
Bioconjugate Chemistry, cilt.28, sa.9, ss.2420-2428, 2017 (SCI-Expanded)

X. **Synthesis, characterization and electrospinning of corn cob cellulose-graft-polyacrylonitrile and their clay nanocomposites**
Kalaoglu Ö. İ., Ünlü C. H., Atici O.
CARBOHYDRATE POLYMERS, cilt.147, ss.37-44, 2016 (SCI-Expanded)

XI. **Multireactive Poly(2-oxazoline) Nanofibers through Electrospinning with Crosslinking on the Fly**
Kalaoglu-Altan Ö. İ., Verbraeken B., Lava K., Gevrek T. N., Sanyal R., Dargaville T., De Clerck K., Hoogenboom R., Sanyal A.
ACS Macro Letters, cilt.5, sa.6, ss.676-681, 2016 (SCI-Expanded)

XII. **Reactive and 'clickable' electrospun polymeric nanofibers**
Kalaoglu-Altan Ö. İ., Sanyal R., Sanyal A.
Polymer Chemistry, cilt.6, sa.18, ss.3372-3381, 2015 (SCI-Expanded)

XIII. **"Clickable" polymeric nanofibers through hydrophilic-hydrophobic balance: Fabrication of robust biomolecular immobilization platforms**
Kalaoglu-Altan Ö. İ., Sanyal R., Sanyal A.
Biomacromolecules, cilt.16, sa.5, ss.1590-1597, 2015 (SCI-Expanded)

XIV. **Retail demand forecasting in clothing industry**
Kalaoglu Ö. İ., Akyuz E. S., Ecemiş S., Eryürük S. H., Sümen H., Kalaoğlu F.
Tekstil ve Konfeksiyon, cilt.25, sa.2, ss.172-178, 2015 (SCI-Expanded)

XV. **An alternative solvent system for the steady state electrospinning of polycaprolactone**
Van Der Schueren L., De Schoenmaker B., Kalaoglu Ö. İ., De Clerck K.
European Polymer Journal, cilt.47, sa.6, ss.1256-1263, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **DIBENZO-18-CROWN-6/POLYCAPROLACTONE COMPOSITE NANOFIBERS FOR SELECTIVE ADSORPTION OF CATIONS**
Kalaoglu-Altan O. I.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, cilt.28, sa.1, ss.53-66, 2023 (Hakemli Dergi)

II. **Electrosprayed chitin nanofibril/electrospun polyhydroxyalkanoate fiber mesh as functional nonwoven for skin application**
Azimi B., Thomas L., Fusco A., Kalaoglu-Altan Ö. İ., Basnett P., Cinelli P., de Clerck K., Roy I., Donnarumma G., Coltelli M., et al.

Journal of Functional Biomaterials, cilt.11, sa.3, 2020 (ESCI)

III. **Development of bionanocomposites based on poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) /polylactide blends reinforced with cloisite 30B**
Lacoste C., Gallard B., Lopez-Cuesta J., Kalaoglu-Alta Ö. İ., de Clerck K.
Journal of Functional Biomaterials, cilt.11, sa.3, 2020 (ESCI)

Kitap & Kitap Bölümleri

I. **Biodegradable Polymers: Synthesis and Functionalization**
KALAOĞLU ALTAN Ö. İ., SANYAL R., SANYAL A.
Encyclopedia of Biomedical Polymers and Polymeric Biomaterials, Mishra Munmaya, Editör, Taylor & Francis, ss.776-803, 2015

Metrikler

Yayın: 27
Atıf (WoS): 11
Atıf (Scopus): 505
H-İndeks (WoS): 2
H-İndeks (Scopus): 11