

Personal Information

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Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2015 - Continues

Postgraduate, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Anorganik Kimya (YI) (Tezli), Turkey 2014 - 2015

Undergraduate, Anadolu Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 2008 - 2013

Foreign Languages

English

Dissertations

Postgraduate, Oksijen köprülü iki çekirdekli Mn(II) antranilik asit ve 4-florobenzoik asit komplekslerinin sentezi, katalaz ve DNA bağlanma aktivitelerinin araştırılması, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Anorganik Kimya (YI) (Tezli), 2015

Research Areas

Basic Sciences, Chemistry, Physical Chemistry, Polymeric Materials

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Fen-Edebiyat, Kimya, 2015 - Continues

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

- I. **Solvent-Free UV Polymerization of n-Octadecyl Acrylate in Butyl Rubber: A Simple Way to Produce Tough and Smart Polymeric Materials at Ambient Temperature**
Su E., Bilici C., Bayazit G., İDE S., Okay O.
ACS APPLIED MATERIALS & INTERFACES, vol.13, no.18, pp.21786-21799, 2021 (Journal Indexed in SCI)
- II. **Highly stretchable and thermally healable polyampholyte hydrogels via hydrophobic modification**
Toleutay G., Su E., Kudaibergenov S., Okay O.
COLLOID AND POLYMER SCIENCE, vol.298, pp.273-284, 2020 (Journal Indexed in SCI)
- III. **Comparative evaluation of biogas recovery during anaerobic treatment of aircraft deicing fluids at increased ratios in domestic wastewater**
Göktaş H. C. , Engiz G., Su E., Yangin-Gomec C.
DESALINATION AND WATER TREATMENT, vol.172, pp.254-259, 2019 (Journal Indexed in SCI)

- IV. **Cryogenic formation-structure-property relationships of poly(2-acrylamido-2-methyl-1-propanesulfonic acid) cryogels**
Su E., Okay O.
POLYMER, vol.178, 2019 (Journal Indexed in SCI)
- V. **A Self-Healing and Highly Stretchable Polyelectrolyte Hydrogel via Cooperative Hydrogen Bonding as a Superabsorbent Polymer**
Su E., Yurtsever M., Okay O.
MACROMOLECULES, vol.52, no.9, pp.3257-3267, 2019 (Journal Indexed in SCI)
- VI. **Oxygen bridged Homobinuclear Mn(II) compounds with Anthranilic acid: Theoretical calculations, oxidation and catalase activity**
Su E., Guven A., Kani I.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.32, no.2, 2018 (Journal Indexed in SCI)
- VII. **Hybrid cross-linked poly(2-acrylamido-2-methyl-1-propanesulfonic acid) hydrogels with tunable viscoelastic, mechanical and self-healing properties**
Su E., Okay O.
REACTIVE & FUNCTIONAL POLYMERS, vol.123, pp.70-79, 2018 (Journal Indexed in SCI)
- VIII. **Polyampholyte hydrogels formed via electrostatic and hydrophobic interactions**
Su E., Okay O.
EUROPEAN POLYMER JOURNAL, vol.88, pp.191-204, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Swelling and mechanical properties of quenched polyampholyte hydrogels based on 2-acrylamido-2-methyl-1-propanesulfonic acid sodium salt (AMPS) and (3-acrylamidopropyl) trimethylammonium chloride (APTAC)**
Toleutay G., Su E., Kudaibergenov S. E.
BULLETIN OF THE UNIVERSITY OF KARAGANDA-CHEMISTRY, no.96, pp.35-43, 2019 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Properties of PAMPS cryogels based on cryogelation conditions**
SU E., OKAY O.
BIOMED 2019 24th International Biomedical Science Technology Symposium, 17 - 20 October 2019
- II. **Energy Efficiency at Airports Through the Management of Aircraft De-Icing Fluid (ADF) by a High-Rate Anaerobic Treatment Process**
ENGİZ G., SU E., GÖMEÇ Ç.
Industrial Water 2018, 27 - 29 November 2018
- III. **Comparative Evaluation of Biogas Recovery During Anaerobic Treatment of Aircraft Deicing Fluids at Increased Ratios in Domestic Wastewater**
Göktaş H. M. , Engiz G., Su E., Gömeç Ç.
4th International Conference on Recycling and Reuse, İstanbul, Turkey, 24 - 26 October 2018, pp.204-206
- IV. **Hibrit Çapraz Bağlı AMPS Esaslı Hidrojeller**
SU E., OKAY O.
Polimer2018 Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018
- V. **Hidrofobik ve İyonik Etkileşimlerle Oluşturulan Supramoleküler Poliamfolit Hidrojeller**
SU E., OKAY O.
6.Fiziksel Kimya Kongresi, Zonguldak, Turkey, 15 - 18 May 2017
- VI. **A STUDY ON SOME MANGANESE (II) COMPLEXES**

GUVEN A., SU E., KANI İ.

3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017, pp.52-53

VII. Advancing behaviors of tough polyampholyte hydrogels

SU E., OKAY O.

5th International Conference on Multifunctional, Hybrid and Nanomaterials, Lizbon, Portugal, 6 - 10 March 2017

VIII. Supramolecular polyampholyte hydrogels formed via hydrophobic and ionic interactions

SU E., OKAY O.

23rd Polymer Networks Group Meeting, 19 - 23 June 2016

IX. Catalytic Application of MOF Binuclear Manganese Complexes

SU E., KANI İ.

11th Nanoscience and Nanotechnology Conference (NanoTR-11), Ankara, Turkey, 22 - 25 June 2015

X. 4 FLOROBENZOİK ASİT İLE Mn II KOMPLEKSLERİNİN SENTEZİ VE KATALAZ AKTİVİTELERİNİN ARAŞTIRILMASI

SU E., KANI İ.

V. Ulusal Anorganik Kimya Kongresi, Mersin, Turkey, 22 - 25 April 2015

XI. Synthesis of oxygen bridged binuclear Mn II complexes with Anthralinic and 4 fluoro benzoic acid catalase activity

SU E., KANI İ.

FLOHET-2015 Annual Florida Heterocyclic and Synthetic IUPAC-Sponsored Conference, 1 - 04 March 2015

XII. DNA METAL INTERACTION STUDIES with OXYGEN BRIDGED BINUCLEAR Mn II COMPLEXES

SU E., KANI İ.

International Multidisciplinary Symposium on Drug Reseach & Development, 15 - 17 October 2014

Supported Projects

Okay O., TUBITAK Project, Kendi-Kendini Onarabilen, Şekil-Hafıza Fonksiyonlu Kauçuk Üretimi, 2019 - 2022

Okay O., Su E., Project Supported by Higher Education Institutions, Anizotropik mekanik özelliklere sahip, biyouyumlu ipek fibroin ve hyaluronik asit iskeletleri üretimi, 2016 - 2019

Edit Congress and Symposium Activities

6. Fiziksel Kimya Kongresi, Attendee, Zonguldak, Turkey, 2017

5th International Conference on Multifunctional, Hybrid and Nanomaterials, Attendee, Lisboa, Portugal, 2017

PNG2016 Polymer Networks Group meeting, Attendee, Stockholm, Sweden, 2016

DRD2015 International Multidisciplinary Symposium on Drug Reseach & Development, Attendee, Eskişehir, Turkey, 2015

FLOHET-2015 Annual Florida Heterocyclic and Synthetic IUPAC-Sponsored Conference, Attendee, Florida, United States Of America, 2015

V. Ulusal Anorganik Kimya Kongresi, Attendee, Mersin, Turkey, 2015

Citations

Total Citations (WOS):109

h-index (WOS):4

Scholarships

2211-A Genel Yurt İçi Doktora Burs Programı, TUBITAK, 2015 - Continues