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Kişisel Bilgiler

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Posta Adresi: Çanakkale Onsekiz Mart Üniversitesi, Terzioğlu kampüsü, Fen Edebiyat Fakültesi, Kimya Bölümü

Eğitim Bilgileri

Doktora, Çanakkale Onsekiz Mart Üniversitesi, Fen Edebiyat Fakültesi, Kimya , Türkiye 2011 - 2018

Yüksek Lisans, Çanakkale Onsekiz Mart Üniversitesi, Fen Edebiyat Fakültesi, Biyoloji , Türkiye 2008 - 2011

Lisans, Çanakkale Onsekiz Mart Üniversitesi, Fen Edebiyat Fakültesi, Biyoloji , Türkiye 2004 - 2008

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Biyomedikal Uygulamalar için Ksantan, Guar, Arabik, Locust Bean Gamlardan Makro, Mikro ve Nano Yapılar, Çanakkale Onsekiz Mart Üniversitesi, Fen Bilimleri Enstitüsü, Kimya , 2018

Yüksek Lisans, Çanakkale Boğazındaki (Çanakkale, Türkiye) bazı kırmızı alglerde agar miktarının yıllık değişimi, Çanakkale Onsekiz Mart Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji , 2011

Araştırma Alanları

Kimya, Fizikokimya, Biyopolimerler ve uygulamaları, Temel Bilimler

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Çanakkale Onsekiz Mart Üniversitesi, Fen Edebiyat Fakültesi, Kimya , 2019 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Delivery of Small Molecule EF2 Kinase Inhibitor for Breast and Pancreatic Cancer Cells Using Hyaluronic Acid Based Nanogels**
CÖMERT ÖNDER F., SAĞBAŞ SUNER S., ŞAHİNER N., AY M., OZPOLAT B.
PHARMACEUTICAL RESEARCH, cilt.37, 2020 (SCI İndekslerine Giren Dergi)
- **Cryogel composites based on hyaluronic acid and halloysite nanotubes as scaffold for tissue engineering**
SUNER S. C. , DEMIRCI S., Yetiskin B., FAKHRULLIN R., NAUMENKO E., Okay O., Ayyala R. S. , ŞAHİNER N.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.130, ss.627-635, 2019 (SCI İndekslerine Giren Dergi)

- **Mesoporous, degradable hyaluronic acid microparticles for sustainable drug delivery application**
ŞAHİNER N., SUNER S. C. , Ayyala R. S.
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.177, ss.284-293, 2019 (SCI İndekslerine Giren Dergi)
- **Hyaluronic acid and hyaluronic acid: Sucrose nanogels for hydrophobic cancer drug delivery**
SUNER S. S. , Arı B., CÖMERT ÖNDER F., ÖZPOLAT B., AY M., ŞAHİNER N.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.126, ss.1150-1157, 2019 (SCI İndekslerine Giren Dergi)
- **Use of modified poly(inulin) micro/nanogels in drug release and blood compatibility tests Modifiye poli(inülin) mikro/nanojellerinin ilaç salımında kullanımı ve kan uyumluluklarının tespiti**
ÜLKER ÇAKIR D., SAĞBAŞ SUNER S., ŞAHİNER N.
Türkiye Klinikleri Journal of Medical Sciences, cilt.39, ss.75-82, 2019 (SCI Expanded İndekslerine Giren Dergi)
- **Carbon dots: preparation, properties, and application**
SAĞBAŞ SUNER S., ŞAHİNER N.
NANOCARBON AND ITS COMPOSITES: PREPARATION, PROPERTIES, AND APPLICATIONS, ss.651-676, 2019 (SCI İndekslerine Giren Dergi)
- **Fabrication of Biodegradable Poly(naringin) Particles with Antioxidant Activity and Low Toxicity**
Sahiner M., ŞAHİNER N., Sagbas S., FULLERTON M. L. , BLAKE D. A.
ACS Omega, cilt.3, ss.17359-17367, 2018 (SCI İndekslerine Giren Dergi)
- **Polydopamine particles as nontoxic, blood compatible, antioxidant and drug delivery materials**
Sahiner N., Sagbas S., ŞAHİNER M., BLAKE D. A. , REED W. F.
Colloids and Surfaces B: Biointerfaces, cilt.172, ss.618-626, 2018 (SCI İndekslerine Giren Dergi)
- **Modifiable natural gum based microgel capsules as sustainable drug delivery systems**
Sagbas S., ŞAHİNER N.
Carbohydrate Polymers, cilt.200, ss.128-136, 2018 (SCI İndekslerine Giren Dergi)
- **Sucrose based ionic liquid colloidal microgels in separation of biomacromolecules**
ŞAHİNER N., SAĞBAŞ SUNER S.
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.196, ss.191-199, 2018 (SCI İndekslerine Giren Dergi)
- **Polymeric ionic liquid materials derived from natural source for adsorption purpose**
ŞAHİNER N., SAĞBAŞ SUNER S.
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.196, ss.208-216, 2018 (SCI İndekslerine Giren Dergi)
- **Humic acid particle embedded super porous gum Arabic cryogel network for versatile use**
SUNER S. S. , ŞAHİNER N.
Polymers for Advanced Technologies, cilt.29, ss.151-159, 2018 (SCI İndekslerine Giren Dergi)
- **Synthesis, Characterization, and Use of Carbon Microspheres for Removal of Different Dyes from Aqueous Environments**
ŞAHİNER N., FAROOQ M., REHMAN S. U. , Sağbaş S., Sahiner M., SIDDIQ M., Aktaş N.
WATER AIR AND SOIL POLLUTION, cilt.228, 2017 (SCI İndekslerine Giren Dergi)
- **Superporous hyaluronic acid cryogel composites embedding synthetic polyethyleneimine microgels and Halloysite Nanotubes as natural clay**
DEMIRCI S., SUNER S. S. , Sahiner M., ŞAHİNER N.
European Polymer Journal, cilt.93, ss.775-784, 2017 (SCI İndekslerine Giren Dergi)
- **Gum Arabic Microgels As Template for In Situ Metal-Sulfide Based Quantum Dots Preparation and Their Thermal, Spectroscopic, Optical, and Magnetic Characterization**
FAROOQ M., Sağbaş S., YILDIZ M., Meral K., SIDDIQ M., Aktaş N., ŞAHİNER N.
JOURNAL OF ELECTRONIC MATERIALS, cilt.46, ss.4373-4383, 2017 (SCI İndekslerine Giren Dergi)
- **Polyethyleneimine modified poly(Hyaluronic acid) particles with controllable antimicrobial and anticancer effects**
Sahiner N., Sagbas S., Sahiner M., Ayyala R. S.
Carbohydrate Polymers, cilt.159, ss.29-38, 2017 (SCI İndekslerine Giren Dergi)
- **Synthesis, characterization and modification of Gum Arabic microgels for hemocompatibility and antimicrobial studies**

Farooq M., Sagbas S., Sahiner M., Siddiq M., Turk M., Aktaş N., ŞAHİNER N.

Carbohydrate Polymers, cilt.156, ss.380-389, 2017 (SCI İndekslerine Giren Dergi)

0D, 1D, 2D, and 3D Soft and Hard Templates for Catalysis

Butun S., Demirci S., Yasar A. O. , SAĞBAŞ SUNER S., Aktaş N., ŞAHİNER N.

MORPHOLOGICAL, COMPOSITIONAL, AND SHAPE CONTROL OF MATERIALS FOR CATALYSIS, cilt.177, ss.317-357, 2017 (SCI İndekslerine Giren Dergi)

P(TA) macro-, micro-, nanoparticle-embedded super porous p(HEMA) cryogels as wound dressing material

ŞAHİNER N., Sagbas S., Sahiner M., SILAN C.

Materials Science and Engineering C, cilt.70, ss.317-326, 2017 (SCI İndekslerine Giren Dergi)

Degradable tannic acid/polyethyleneimine polyplex particles with highly antioxidant and antimicrobial effects

ŞAHİNER N., Sağbaş S., Sahiner M., DEMIRCI S.

POLYMER DEGRADATION AND STABILITY, cilt.133, ss.152-161, 2016 (SCI İndekslerine Giren Dergi)

Preparation of macro-, micro-, and nano-sized poly(Tannic acid) particles with controllable degradability and multiple biomedical uses

ŞAHİNER N., Sagbas S., Aktaş N.

Polymer Degradation and Stability, cilt.129, ss.96-105, 2016 (SCI İndekslerine Giren Dergi)

Inherently antioxidant and antimicrobial tannic acid release from poly(tannic acid) nanoparticles with controllable degradability

ŞAHİNER N., Sagbas S., Aktaş N., SILAN C.

Colloids and Surfaces B: Biointerfaces, cilt.142, ss.334-343, 2016 (SCI İndekslerine Giren Dergi)

Preparation and characterization of monodisperse, mesoporous natural poly(tannic acid)-silica nanoparticle composites with antioxidant properties

ŞAHİNER N., Sagbas S., Aktaş N.

Microporous and Mesoporous Materials, cilt.226, ss.316-324, 2016 (SCI İndekslerine Giren Dergi)

Biocompatible and biodegradable poly(Tannic Acid) hydrogel with antimicrobial and antioxidant properties

ŞAHİNER N., Sağbaş S., Sahiner M., SILAN C., Aktaş N., Turk M.

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.82, ss.150-159, 2016 (SCI İndekslerine Giren Dergi)

Modified biofunctional p(tannic acid) microgels and their antimicrobial activity

SAĞBAŞ SUNER S., Aktaş N., ŞAHİNER N.

APPLIED SURFACE SCIENCE, cilt.354, ss.306-313, 2015 (SCI İndekslerine Giren Dergi)

p(AAm/TA)-based IPN hydrogel films with antimicrobial and antioxidant properties for biomedical applications

Sahiner M., SAĞBAŞ SUNER S., BİTLİSLİ B. O.

JOURNAL OF APPLIED POLYMER SCIENCE, cilt.132, 2015 (SCI İndekslerine Giren Dergi)

Single step natural poly(tannic acid) particle preparation as multitasking biomaterial

ŞAHİNER N., Sağbaş S., Aktaş N.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.49, ss.824-834, 2015 (SCI İndekslerine Giren Dergi)

Natural p(TA) hydrogel and microgel networks for diverse potential biomedical uses

ŞAHİNER N., SAĞBAŞ SUNER S., Sahiner M., Aktaş N.

ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, cilt.249, 2015 (SCI İndekslerine Giren Dergi)

Very fast catalytic reduction of 4-nitrophenol, methylene blue and eosin Y in natural waters using green chemistry: p(tannic acid)-Cu ionic liquid composites

ŞAHİNER N., Sağbaş S., Aktaş N.

RSC ADVANCES, cilt.5, ss.18183-18195, 2015 (SCI İndekslerine Giren Dergi)

Multifunctional tunable p(inulin) microgels

ŞAHİNER N., Sağbaş S.

- MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.40, ss.366-372, 2014 (SCI İndekslerine Giren Dergi)
- **Poly(sucrose) micro particles preparation and their use as biomaterials**
ŞAHİNER N., Sağbaş S., Turk M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.66, ss.236-244, 2014 (SCI İndekslerine Giren Dergi)
 - **The use of poly(vinyl phosphonic acid) microgels for the preparation of inherently magnetic Co metal catalyst particles in hydrogen production**
ŞAHİNER N., SAGBAS S.
JOURNAL OF POWER SOURCES, cilt.246, ss.55-62, 2014 (SCI İndekslerine Giren Dergi)
 - **The preparation of poly(vinyl phosphonic acid) hydrogels as new functional materials for in situ metal nanoparticle preparation**
ŞAHİNER N., Sağbaş S.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, cilt.418, ss.76-83, 2013 (SCI İndekslerine Giren Dergi)
 - **Porous and modified HA particles as potential drug delivery systems**
ŞAHİNER N., SILAN C., SAĞBAŞ S., ILGİN P., BÜTÜN S., ERDUĞAN H., Ayyala R. S.
MICROPOROUS AND MESOPOROUS MATERIALS, cilt.155, ss.124-130, 2012 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- **Degradable natural phenolic based particles with micro-and nano-size range**
Sahiner N., Sagbas S., ŞAHİNER M., Aktaş N.
Recent Patents on Materials Science, cilt.11, ss.33-40, 2018 (Diğer Kurumların Hakemli Dergileri)
- **Microgels Derived from Different Forms of Carrageenans, Kappa, Iota, and Lambda for Biomedical Applications**
ŞAHİNER N., Sağbaş S., YILMAZ S.
MRS ADVANCES, cilt.2, ss.2521-2527, 2017 (ESCI İndekslerine Giren Dergi)
- **Synthesis and Properties of Inulin Based Microgels**
ŞAHİNER N., Sagbas S., YOSHIDA H., LYON L. A.
Colloids and Interface Science Communications, cilt.2, ss.15-18, 2014 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **In vitro drug release studies for the treatment of TNBC and pancreatic cancers from natural derivated polymeric micro- and nano-particles**
CÖMERT ÖNDER F., SAĞBAŞ SUNER S., AY M., Ozpolat B., ŞAHİNER N.
255th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nexus of Food, Energy, and Water, Louisiana, Amerika Birleşik Devletleri, 18 - 22 Mart 2018, cilt.255
- **Design And Synthesis Of New Ef2k Inhibitors For The Treatment Of Tnbc And Pancreatic Cancers And Their In Vitro Release Studies From Biocompatible Natural Polymeric Particles**
CÖMERT ÖNDER F., SAĞBAŞ SUNER S., AY M., TAŞKIN TOK T., ÖZPOLAT B., ŞAHİNER N., KARLIĞA B., BELLUR ATICI E.
Global Conference On Pharmaceutics And Drug Delivery Systems, PDDS 2017, VALENSİYA, İspanya, 29 Haziran - 02 Temmuz 2017, ss.63
- **Micro/nanoparticles prepared from kappa-, iota-, and lambda-carrageenan for versatile use**
ŞAHİNER N., SAĞBAŞ SUNER S., Yilmaz S.
253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Kostarika, 2 - 06 Nisan 2017, cilt.253

- **P (Tannic Acid) hydrogel template for in situ metal nanoparticle preparation and use as catalyst for elimination of toxic organic compounds**
SILAN C., SAĞBAŞ SUNER S., Sahiner M., ŞAHİNER N.
European Biotechnology Conference, Letonya, 5 - 07 Mayıs 2016, cilt.231
- **Preparation of p(vinyl phosphonic acid) microgels and its metal nanoparticle containing composites for H-2 generation from the hydrolysis of sodium borohydride**
SAĞBAŞ SUNER S., ŞAHİNER N.
245th National Spring Meeting of the American-Chemical-Society (ACS), Louisiana, Amerika Birleşik Devletleri, 7 - 11 Nisan 2013, cilt.245
- **Super porous hydrogels as coordinating templates for in situ metal nanoparticle preparation and use as soft reactors in hydrogen production from the hydrolysis of hydrides**
ŞAHİNER N., SAĞBAŞ SUNER S., Turhan T., KARACAN E., Seven F., Yasar A., Alpaslan D., Aktaş N., Aktaş N.
244th National Fall Meeting of the American-Chemical-Society (ACS), Pennsylvania, Amerika Birleşik Devletleri, 19 - 23 Ağustos 2012, cilt.244

Desteklenen Projeler

TÜBİTAK Projesi, Doğal Bir Molekül Olan Tannik Asitten Partiküller Hazırlanması Ve Bunların Biyomedikal Uygulamaları, 2013 - 2015

Atıflar

Toplam Atıf Sayısı (WOS):544

h-indeksi (WOS):14