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ALSHEMARY

Kişisel Bilgiler

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Eğitim Bilgileri

Post Doktora, Orta Doğu Teknik Üniversitesi, Engineering , Engineering Sciences , Türkiye 2015 - 2016

Doktora, Universiti Teknologi Malaysia, Science, Materials Chemistry, Malezya 2011 - 2015

Yüksek Lisans, Jawaharlal Nehru University, Science, Chemical Drugs And Pharmaceuticals, Hindistan 2008 - 2011

Lisans Yandal, Basrah University , Science, Chemistry, Irak 2002 - 2007

Yabancı Diller

İngilizce, C1 İleri

Arapça, C1 İleri

Araştırma Alanları

Metalurji ve Malzeme Mühendisliği, Malzeme Bilimi ve Mühendisliği, Biyomalzemeler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Karabük Üniversitesi, Engineering Faculty , Biomedical Engineering , 2016 - Devam Ediyor

Jüri Üyelikleri

Doktora Tez İzleme Komitesi (TİK) Üyeliği, Doktora Tez İzleme Komitesi (TİK) Üyeliği, Orta Doğu Teknik Üniversitesi, Aralık, 2019

Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Orta Doğu Teknik Üniversitesi, Kasım, 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Cellulose acetate-gelatin-coated boron-bioactive glass biocomposite scaffolds for bone tissue engineering**
Rad R. M. , ALSHEMARY A. Z. G. , EVİS Z., KESKİN D., TEZCANER A.
BIOMEDICAL MATERIALS, cilt.15, 2020 (SCI İndekslerine Giren Dergi)
- Structural and Biological Analysis of Mesoporous Lanthanum Doped beta TCP For Potential Use as**

Bone Graft Material

Motameni A., DALGIÇ A. D. , ALSHEMARY A. Z. G. , KESKİN D., EVİS Z.

MATERIALS TODAY COMMUNICATIONS, cilt.23, 2020 (SCI İndekslerine Giren Dergi)

- III. **Nanocrystalline Zn²⁺ and SO₄²⁻ binary doped fluorohydroxyapatite: A novel biomaterial with enhanced osteoconductive and osteoinconductive properties**
ALSHEMARY A. Z. G. , Pazarceviren E. A. , DALGIÇ A. D. , Tezcaner A., KESKİN D., EVİS Z.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.104, 2019 (SCI İndekslerine Giren Dergi)
- IV. **Porous clinoptilolite-nano biphasic calcium phosphate scaffolds loaded with human dental pulp stem cells for load bearing orthopedic applications**
ALSHEMARY A. Z. G. , PAZARÇEVİREN A. E. , KESKİN D., TEZCANER A., Hussain R., EVİS Z.
BIOMEDICAL MATERIALS, cilt.14, 2019 (SCI İndekslerine Giren Dergi)
- V. **Co-doped hydroxyapatites as potential materials for biomedical applications**
Yilmaz B., ALSHEMARY A. Z. G. , EVİS Z.
MICROCHEMICAL JOURNAL, cilt.144, ss.443-453, 2019 (SCI İndekslerine Giren Dergi)
- VI. **Structural and biological assessment of boron doped bioactive glass nanoparticles for dental tissue applications**
Rad R. M. , ALSHEMARY A. Z. G. , EVİS Z., KESKİN D., ALTUNBAŞ K., TEZCANER A.
CERAMICS INTERNATIONAL, cilt.44, ss.9854-9864, 2018 (SCI İndekslerine Giren Dergi)
- VII. **Silicate-doped nano-hydroxyapatite/graphene oxide composite reinforced fibrous scaffolds for bone tissue engineering**
DALGIÇ A. D. , ALSHEMARY A. Z. G. , TEZCANER A., KESKİN D., EVİS Z.
JOURNAL OF BIOMATERIALS APPLICATIONS, cilt.32, ss.1392-1405, 2018 (SCI İndekslerine Giren Dergi)
- VIII. **Physico-chemical and biological properties of hydroxyapatite extracted from chicken beaks**
ALSHEMARY A. Z. G. , Akram M., Taha A., TEZCANER A., EVİS Z., Hussain R.
MATERIALS LETTERS, cilt.215, ss.169-172, 2018 (SCI İndekslerine Giren Dergi)
- IX. **Impact of B₂O₃ and La₂O₃ addition on structural, mechanical and biological properties of hydroxyapatite**
Khoshsima S., ALSHEMARY A. Z. G. , TEZCANER A., Surdem S., EVİS Z.
PROCESSING AND APPLICATION OF CERAMICS, cilt.12, ss.143-152, 2018 (SCI İndekslerine Giren Dergi)
- X. **Fe³⁺/SeO₄²⁻ dual doped nano hydroxyapatite: A novel material for biomedical applications**
ALSHEMARY A. Z. G. , PAZARÇEVİREN A. E. , TEZCANER A., EVİS Z.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, cilt.106, ss.340-352, 2018 (SCI İndekslerine Giren Dergi)
- XI. **Impact of B₂O₃ and La₂O₃ addition on structural, mechanical and biological properties of hydroxyapatite**
Khoshsima S., ALSHEMARY A. Z. G. , TEZCANER A., Surdem S., EVİS Z.
Processing and Application of Ceramics, cilt.12, ss.143-152, 2018 (SCI Expanded İndekslerine Giren Dergi)
- XII. **Strontium doped injectable bone cement for potential drug delivery applications**
Taha A., Akram M., Jawad Z., ALSHEMARY A. Z. G. , Hussain R.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.80, ss.93-101, 2017 (SCI İndekslerine Giren Dergi)
- XIII. **Antibacterial polylactic acid/chitosan nanofibers decorated with bioactive glass**
Goh Y., Akram M., Alshemary A. Z. G. , Hussain R.
Applied Surface Science, cilt.387, ss.1-7, 2016 (SCI Expanded İndekslerine Giren Dergi)
- XIV. **Mesoporous strontium doped nano sized sulphate hydroxyapatite as a novel biomaterial for bone tissue applications**
Alshemary A. Z. G. , PAZARÇEVİREN A. E. , TEZCANER A., EVİS Z.
RSC Advances, cilt.6, ss.68058-68071, 2016 (SCI Expanded İndekslerine Giren Dergi)
- XV. **Synthesis, characterization, in vitro bioactivity and antimicrobial activity of magnesium and nickel doped silicate hydroxyapatite**

- Alshemary A. Z. G. , Akram M., Goh Y., Tariq U., Butt F. K. , Abdolahi A., Hussain R.
Ceramics International, cilt.41, ss.11886-11898, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XVI. **Synthesis, characterization and in vitro study of magnetic biphasic calcium sulfate-bioactive glass**
Goh Y., Akram M., Alshemary A. Z. G. , Hussain R.
Materials Science and Engineering C, cilt.53, ss.29-35, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XVII. **Continuous microwave flow synthesis and characterization of nanosized tin oxide**
Akram M., Alshemary A. Z. G. , Butt F. K. , Goh Y., Ibrahim W. A. W. , Hussain R.
Materials Letters, cilt.160, ss.146-149, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XVIII. **Continuous microwave flow synthesis of mesoporous hydroxyapatite**
Akram M., Alshemary A. Z. G. , Goh Y., Wan Ibrahim W. A. , Lintang H. O. , Hussain R.
Materials Science and Engineering C, cilt.56, ss.356-362, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XIX. **Fabrication of V2O5 super long nanobelts: Optical, in situ electrical and field emission properties**
Butt F. K. , Cao C., Idrees F., Tahir M., Hussain R., Alshemary A. Z. G.
New Journal of Chemistry, cilt.39, ss.5197-5202, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XX. **Continuous microwave flow synthesis (CMFS) of nanosized titania: Structural, optical and photocatalytic properties**
Akram M., Butt F. K. , Alshemary A. Z. G. , Goh Y., Ibrahim W. A. W. , Hussain R.
Materials Letters, cilt.158, ss.95-98, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XXI. **Structural characterization, optical properties and in vitro bioactivity of mesoporous erbium-doped hydroxyapatite**
Alshemary A. Z. G. , Akram M., Goh Y., Abdul Kadir M. R. , Abdolahi A., Hussain R.
Journal of Alloys and Compounds, cilt.645, ss.478-486, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XXII. **Synthesis, characterization and optical properties of chromium doped β -Tricalcium phosphate**
Alshemary A. Z. G. , Goh Y., Shakir I., Hussain R.
Ceramics International, cilt.41, ss.1663-1669, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XXIII. **Barium and fluorine doped synthetic hydroxyapatite: Characterization and in-vitro bioactivity analysis**
Alshemary A. Z. G. , Goh Y., Akram M., Kadir M. R. A. , Hussain R.
Science of Advanced Materials, cilt.7, ss.249-257, 2015 (SCI Expanded İndekslerine Giren Dergi)
- XXIV. **In-vitro characterization of antibacterial bioactive glass containing ceria**
Goh Y., Alshemary A. Z. G. , Akram M., Abdul Kadir M. R. , Hussain R.
Ceramics International, cilt.40, ss.729-737, 2014 (SCI Expanded İndekslerine Giren Dergi)
- XXV. **Bioactive Glass: An In-Vitro Comparative Study of Doping with Nanoscale Copper and Silver Particles**
Goh Y., Alshemary A. Z. G. , Akram M., Abdul Kadir M. R. , Hussain R.
International Journal of Applied Glass Science, cilt.5, ss.255-266, 2014 (SCI Expanded İndekslerine Giren Dergi)
- XXVI. **Microwave assisted synthesis of nano sized sulphate doped hydroxyapatite**
Alshemary A. Z. G. , Goh Y., Akram M., Razali I. R. , Abdul Kadir M. R. , Hussain R.
Materials Research Bulletin, cilt.48, ss.2106-2110, 2013 (SCI Expanded İndekslerine Giren Dergi)
- XXVII. **In vitro study of nano-sized zinc doped bioactive glass**
Goh Y., Alshemary A. Z. G. , Akram M., Abdul Kadir M. R. , Hussain R.
Materials Chemistry and Physics, cilt.137, ss.1031-1038, 2013 (SCI Expanded İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- Strontium and fluorine co-doped biphasic calcium phosphate: characterization and in vitro cytocompatibility analysis**
Pourreza E., ALSHEMARY A. Z. G. , Yilmaz B., Rad R. M. , TEZCANER A., EVİS Z.
BIOMEDICAL PHYSICS & ENGINEERING EXPRESS, cilt.3, 2017 (ESCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Bor ve Stronsiyum Eş-Katkılı Hidroksiapatitlerin Sentezi ve Mikroyapı Analizi**
YEDEKÇİ B., TEZCANER A., YILMAZ B., DEMİR T., ALSHEMERY A. Z. G., EVİS Z.
Boron 2019 Uluslararası Bor Sempozyumu, Nevşehir, Türkiye, 17 - 19 Nisan 2019
- II. **Graphene oxide / brushite cement: promising composites for load bearing bone substitutes**
ALSHEMERY A. Z. G., EVİS Z.
2nd International Conference on Materials Science and Research, Frankfurt, Almanya, 26 - 27 Eylül 2018
- III. **Characterization and in vitro bioactivity of multisubstituted hydroxyapatite nanopowders**
ALSHEMERY A. Z. G., EVİS Z.
1st International Conference of Advanced Materials and Manufacturing Technologies, safranbolu, Türkiye, 25 - 27 Ekim 2017
- IV. **Cr³/SiO₄⁴⁻ codoped hydroxyapatite nanorods: fabrication and microstructure analysis**
ALSHEMERY A. Z. G., EVİS Z.
ICNN 2017: 19th International conference on nanobiotechnology, nanodevices and nanodrugs, roma, İtalya, 17 - 18 Temmuz 2017
- V. **Microstructure Analysis of Cu₂/SiO₄⁴⁻ Co-doped Nanohydroxyapatite**
ÖNCÜ S., YEDEKÇİ B., ALSHEMERY A. Z. G., TEZCANER A., KESKİN D., EVİS Z.
22nd Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017
- VI. **Evaluation of cytotoxicity effect of boron modified bioactive glass nanoparticles on human dental pulp stem cells**
MOONESİ RAD R., ALSHEMERY A. Z. G., KESKİN D., EVİS Z., SILA Ş., TEZCANER A.
22nd International Biomedical Science and Technology Symposium, Ankara, Türkiye, 12 - 14 Mayıs 2017
- VII. **Investigation of Osteogenic Potential of Silicate Hydroxyapatite Particles in Electrospun PCL Scaffold.**
DALGIÇ A. D., ALSHEMERY A. Z. G., TEZCANER A., EVİS Z., KESKİN D.
22st International Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017

Desteklenen Projeler

ALSHEMERY A. Z. G., Yükseköğretim Kurumları Destekli Proje, Bactericidal Activity and In Vitro Cytotoxicity Assessment of Cobalt-Doped Nano Silicate Hydroxyapatite, 2018 - 2020

ALSHEMERY A. Z. G., Yükseköğretim Kurumları Destekli Proje, Nanocrystalline Zn²⁺ and SO₄²⁻ Binary Doped Fluorohydroxyapatite: A Novel Biomaterial With Enhanced Osteoconductive and Osteogenic Properties, 2017 - 2019

ALSHEMERY A. Z. G., Yükseköğretim Kurumları Destekli Proje, Yük taşıyıcı kemik doku mühendislik uygulamaları için doğal zeolit-şablonlu hidroksiapatitin üç boyutlu gözenekli iskelesi, 2017 - 2018

ALSHEMERY A. Z. G., Yükseköğretim Kurumları Destekli Proje, Cr³⁺ SiO₄⁴⁻ codoped Hydroxyapatite Nanorods: Fabrication and Microstructure Analysis, 2017 - 2017

Atıflar

Toplam Atıf Sayısı (WOS):40
h-indeksi (WOS):4