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Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Malzeme Bilimi ve Mühendisliği, Türkiye 2002 - 2015

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Seramik Mühendisliği, Türkiye 1998 - 2002

Lisans, Kütahya Dumlupınar Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Türkiye 1994 - 1998

Araştırma Alanları

Metalurji ve Malzeme Mühendisliği, Malzeme Bilimi ve Mühendisliği, Seramik Malzemeler, Fiziksel Özellikler, Cam Teknolojisi ve Cam-Seramikler, Fiziksel Metalurji, Malzeme Karakterizasyonu, Metalik Malzemeler, Nanomalzemeler, Yapı-Özellik ilişkisi, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Mühendis, İstanbul Teknik Üniversitesi, 2012 - Devam Ediyor

Araştırma Görevlisi, İstanbul Teknik Üniversitesi, Kimya-Metalurji, Metalurji Ve Malzeme Mühendisliği, 2005 - 2012

Verdiği Dersler

Hasar Analizi, Lisans, 2018 - 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Mechanically alloyed and spark plasma sintered WNbMoVTa refractory high entropy alloys: Effects of Cr and Al on the microstructural and mechanical properties**
Boztemur B., Bayrak K. G., Gökçe H., Ayas E., Balcı-Çağırın Ö., Derin C. B., Ağaoğulları D., Öveçoğlu M. L.
Journal of Alloys and Compounds, cilt.965, 2023 (SCI-Expanded)
- II. **Influence of Ti and Nb addition on the microstructure, mechanical, and machinability properties of 316L stainless steel fabricated by powder metallurgy**
Erden M. A., Uzun F. G., Akgün M., Gökçe H.

Materialprüfung/Materials Testing, cilt.65, sa.8, ss.1237-1253, 2023 (SCI-Expanded)

- III. **Microstructure-property evolution of mechanically alloyed Al-20 wt% Si matrix powders and sintered composites reinforced with TiB₂ particulates**
Gökçe H., Öveçoğlu M. L.
Engineering Science and Technology, an International Journal, cilt.39, 2023 (SCI-Expanded)
- IV. **EVALUATION OF THE POTENTIAL OF BARIUM ZIRCONATE ON THE SINTERABILITY AND PROPERTIES OF BOVINE HYDROXYAPATITE**
PAZARLIOĞLU S. S., Bakdemir S. A., Gökçe H.
Ceramics - Silikaty, cilt.67, sa.1, ss.120-134, 2023 (SCI-Expanded)
- V. **Powder metallurgical fabrication of graphene reinforced near-eutectic Al-Si matrix composites: Microstructural, mechanical and electrochemical characterization**
Akçamlı N., Şenyurt B., Gökçe H., Ağaoğulları D.
Engineering Science and Technology, an International Journal, cilt.31, 2022 (SCI-Expanded)
- VI. **Mechanochemical synthesis investigations on the ternary and quaternary B₂O₃/TiO₂/Mg/C systems**
Çelik F. N., Tekoğlu E., Mertdinç S., Gökçe H., Öveçoğlu M. L., Ağaoğulları D.
Solid State Sciences, cilt.128, 2022 (SCI-Expanded)
- VII. **Synthesis and cytotoxicity analysis of porous beta-TCP/starch bioceramics**
Turan Y., Kalkandelen C., PALACI Y., ŞAHİN A., Gökçe H., GÜNDÜZ O., Ben-Nissan B.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, cilt.58, ss.487-494, 2022 (SCI-Expanded)
- VIII. **Synthesis and characterization of (HfMoTiWZr)C high entropy carbide ceramics**
Kavak S., Bayrak K. G., Bellek M., Mertdinç S., Muhaffel F., Gökçe H., Ayas E., Derin B., Öveçoğlu M. L., Ağaoğulları D.
CERAMICS INTERNATIONAL, cilt.48, sa.6, ss.7695-7705, 2022 (SCI-Expanded)
- IX. **Potential Glass Network for IR Applications and Rare-Earth Ions**
Kabalci I., Gokce H., Korpe N. O.
ACTA PHYSICA POLONICA A, cilt.140, sa.3, ss.222-227, 2021 (SCI-Expanded)
- X. **The effect of lanthanum addition on the microstructure and mechanical properties of Mg-modified hydroxyapatite ceramics**
Pazarlioglu S., Algan O., Isikogullari A. M., Gökçe H.
PROCESSING AND APPLICATION OF CERAMICS, cilt.15, sa.3, ss.226-237, 2021 (SCI-Expanded)
- XI. **Morphology, characterization, and conversion of the corals Goniopora spp. and Porites cylindrica to hydroxyapatite**
Akyol S., Nissan B. B., Karacan I., Yetmez M., Gokce H., Suggett D. J., Oktar F. N.
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- XII. **Effect of cryomilling on matrix/reinforcement interfaces and properties of Al-TiB₂ composites**
Balci O., Ağaoğulları D., Gokce H., Öveçoğlu M. L., Somer M.
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- XIII. **The natural nano-bioceramic powder production from organ pipe red coral (Tubipora musica) by a simple chemical conversion method**
Karacan I., GÜNDÜZ O., Ozyegin L. S., Gokce H., Ben-Nissan B., AKYOL S., OKTAR F. N.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, cilt.54, sa.2, ss.317-329, 2018 (SCI-Expanded)
- XIV. **Thermomechanical properties of aluminium titanate (Al₂TiO₅)-reinforced forsterite (Mg₂SiO₄) ceramic composites**
Kucuk I., BOYRAZ T., Gokce H., Öveçoğlu M. L.
CERAMICS INTERNATIONAL, cilt.44, sa.7, ss.8277-8282, 2018 (SCI-Expanded)
- XV. **INVESTIGATION OF INDENTATION FRACTURE TOUGHNESS (K_{IC}) AND WEIBULL PARAMETERS OF 0.25Li₂O.2SiO₂-0.75BaO.2SiO₂ GLASS-CERAMIC**
Ertug B., Cetiner B. N., GOKCE H., Erkmén Z. E., Öveçoğlu M. L.
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- XVI. **Effect of Severe Plastic Deformation on Wear Properties of Aluminum Matrix Composites**
Karademir I., Unal O., Ates S., Gokce H., Gok M. S.
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- XVII. Hydroxyapatite Synthesis from Fish Bones: Atlantic Salmon (Salmon Salar)**
Komur B., Altun E., Aydogdu M. O., Bilgic D., Gokce H., Ekren N., Salman S., Inan A. T., Oktar F. N., Gunduz O.
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- XVIII. Physical Characterization of Turbot (Psetta Maxima) Originated Natural Hydroxyapatite**
Inan A. T., Komur B., Ekren N., Aydogdu M. O., Gokce H., Ficali A., Salman S., Oktar F. N., Gunduz O.
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- XIX. Processing and characterization of graphene nano-platelet (GNP) reinforced aluminum matrix composites**
Akcamlı N., Gokce H., UZUNSOY D.
MATERIALS TESTING, cilt.58, ss.946-952, 2016 (SCI-Expanded)
- XX. The effect of La₂O₃ on the microstructure and room temperature mechanical properties of t-ZrO₂**
Nilufer I. B., GOKCE H., MUHAFFEL F., Öveçoğlu M. L., Çimenoglu H.
CERAMICS INTERNATIONAL, cilt.42, sa.8, ss.9443-9447, 2016 (SCI-Expanded)
- XXI. The Effect of Milling Time and Sintering Temperature on Crystallization of BaFe₁₂O₁₉ Phase and Magnetic Properties of Ba-Hexaferrite Magnet**
Sadullahoglu G., ERTUG B., GOKCE H., Altuncevahir B., Ozturk M., Topkaya R., Akdogan N., Öveçoğlu M. L., ADDEMİR O.
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- XXII. Hydroxyapatite Lanthanum Oxide Composites**
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- XXIII. Nano-bioceramic synthesis from tropical sea snail shells (Tiger Cowrie - Cypraea Tigris) with simple chemical treatment**
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- XXIV. The Effect of Yttrium Oxide Reinforcement on the Microstructural and Mechanical Properties of Biologically Derived Hydroxyapatite**
Bozkurt Y., Gokce H., Pazarlioglu S., Salman S.
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- XXV. Preparation and evaluation of cerium oxide-bovine hydroxyapatite composites for biomedical engineering applications**
Gunduz O., Gode C., Ahmad Z., Gokce H., Yetmez M., Kalkandelen C., Sahin Y. M., Oktar F. N.
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, cilt.35, ss.70-76, 2014 (SCI-Expanded)
- XXVI. Investigation of Infrared and Raman Spectra of TeO₂-Nb₂O₅-TiO₂ Glasses**
Kabalci I., Gokce H.
ACTA PHYSICA POLONICA A, cilt.125, sa.4, ss.877-881, 2014 (SCI-Expanded)
- XXVII. Influence of TiB₂ particle size on the microstructure and properties of Al matrix composites prepared via mechanical alloying and pressureless sintering**
Balci O., AGAOGULLARI D., GOKCE H., Duman I., Öveçoğlu M. L.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.586, 2014 (SCI-Expanded)
- XXVIII. Investigation of infrared and raman spectra of TeO₂-Nb₂O₅-TiO₂ glasses**
Kabalci I., Gökçe H.
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- XXIX. Effect of sintering on the microstructural and mechanical properties of meleagris gallopova hydroxyapatite**
PAZARLIOĞLU S. S., Gokce H., Ozyegin S., SALMAN S.
BIO-MEDICAL MATERIALS AND ENGINEERING, cilt.24, sa.4, ss.1751-1769, 2014 (SCI-Expanded)
- XXX. Comparative investigations of the activated sintered W-1 wt.% Ni composites reinforced with various oxide and boride particles**
Ağaoğulları D., BALCI O., GOKCE H., Öveçoğlu M. L., Duman I.
INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, cilt.41, ss.577-584, 2013 (SCI-

Expanded)

- XXXI. **The Effect of Mechanical Alloying on the Microhardness and Fracture Toughness of BaTiO₃**
ERTUG B., Cetiner B. N., SADULLAHOGLU G., GOKCE H., Erkmen Z. E., Öveçoğlu M. L.
ACTA PHYSICA POLONICA A, cilt.123, sa.2, ss.188-190, 2013 (SCI-Expanded)
- XXXII. **Effect of Different Phosphorus Precursors on Biomimetic Hydroxyapatite Powder Properties**
Karakas A., Yoruc A. B. H., Gokce H., Karabulut A., Erdogan D. C.
ACTA PHYSICA POLONICA A, cilt.123, sa.2, ss.418-420, 2013 (SCI-Expanded)
- XXXIII. **Characterization investigations of W-Ni matrix composites reinforced with TiB₂ and La₂O₃**
Gökçe H., Balcı O., Agaogulları D., Demirkan O., Genç A. G., Öveçoğlu M. L., Duman I.
Acta Physica Polonica A, cilt.123, sa.2, ss.309-311, 2013 (SCI-Expanded)
- XXXIV. **Microstructural and Mechanical Properties of Hot-pressed (B₄C, SiC)/TiB₂ Composites**
AKARSU A. C., Gökçe H., ERTUĞ B., ADDEMİR A. O., Öveçoğlu M. L., Boyraz T.
CFI-CERAMIC FORUM INTERNATIONAL, cilt.89, 2012 (SCI-Expanded)
- XXXV. **Influences of metallic Co and mechanical alloying on the microstructural and mechanical properties of TiB₂ ceramics prepared via pressureless sintering**
Ağaoğulları D., GOKCE H., Duman I., Öveçoğlu M. L.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.32, sa.9, ss.1949-1956, 2012 (SCI-Expanded)
- XXXVI. **Synthesis of Magnesium Borates by Mechanically Activated Annealing**
Ağaoğulları D., BALCI O., GOKCE H., Duman I., Öveçoğlu M. L.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, sa.7, ss.2520-2533, 2012 (SCI-Expanded)
- XXXVII. **Aluminum diboride synthesis from elemental powders by mechanical alloying and annealing**
Ağaoğulları D., GOKCE H., Duman I., Öveçoğlu M. L.
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- XXXVIII. **Synthesis, microstructure, and mechanical properties of WC-TiC-Co ceramic composites**
Duman D., Gökçe H., Çimenoglu H.
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- XXXIX. **Characterization investigations of ZrB₂/ZrC ceramic powders synthesized by mechanical alloying of elemental Zr, B and C blends**
Ağaoğulları D., GOKCE H., Duman I., Öveçoğlu M. L.
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- XL. **Bioceramic production from sea urchins**
Ağaoğulları D., Kel D., Gökçe H., Duman I., Öveçoğlu M. L., Akarsubaşı A., BİLĞİÇ ALKAYA D., Oktar F.
Acta Physica Polonica A, cilt.121, sa.1, ss.23-26, 2012 (SCI-Expanded)
- XLI. **Characterization of microstructural and thermal properties of steatite/cordierite ceramics prepared by using natural raw materials**
Gokce H., AGAOGULLARI D., Öveçoğlu M. L., Duman I., Boyraz T.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.31, sa.14, ss.2741-2747, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Structural and characterisation analysis of zinc-substituted hydroxyapatite with wet chemical precipitation method**
Karacan I., Senturk D., Oktar F. N., Fıcaı A., Fıcaı D., Trusca R., Vasile B. S., Gökçe H., Ozuyar H. D., GÜNDÜZ O.
International Journal of Nano and Biomaterials, cilt.6, sa.3-4, ss.188-204, 2016 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Synthesis and characterization investigations of laboratory- synthesized VB-VB₂-V₃B₄ reinforced**

Al-7wt.% Si composites via mechanical alloying and pressureless sintering

Mertdinç S., Tekoğlu E., GÖKÇE H., Ağaoğulları D., Öveçoğlu M. L.

International Conference on Functional Materials and Metallurgy, ICFMM 2016, Shanghai, Çin, 3 - 05 Ağustos 2016,
cilt.263 SSP, ss.189-194

Metrikler

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H-İndeks (Scopus): 15