

Prof. ALİ AYDIN GÖKTAŞ

Personal Information

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Education Information

Undergraduate, Technische Universitaet Clausthal, Mühendislik Fakültesi Metalurji Mühendisliği Bölümü, Germany 1977 - 1981

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Metallurgical and Materials Engineering, Engineering and Technology

Academic Titles / Tasks

Professor, Dokuz Eylul University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2011 - Continues
Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2009 - 2011

Associate Professor, Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 1997 - 1997

Research Assistant, University of Arizona, Mühendislik Fakültesi, Malzeme Bilim Ve Mühendisliği, 1989 - 1992

Research Assistant, Technische Universitaet Clausthal, Mühendislik Fakültesi, Metal Dışı Malzemeler Mühendisliği, 1985 - 1989

Academic and Administrative Experience

Dokuz Eylul University, 2012 - 2015

Advising Theses

GÖKTAŞ A. A., Additive manufacturing and characterization of metallic bronze materials, Doctorate, A.ÇAĞRI(Student), 2022

GÖKTAŞ A. A., Titanya ve karbon katkısının yüksek alüminalı tuğlalarının mekanik termal ve mikroyapısal özelliklerine

etkisinin incelenmesi, Postgraduate, I.SU(Student), 2021

GÖKTAŞ A. A., Characterization of hydroxyapatite sol gel coatings made on porous Si₃N₄, Postgraduate, I.MERVE(Student), 2017

GÖKTAŞ A. A., Coating and characterization of eggshell derived hydroxyapatite on Ti6Al4V metal substrate by using sol gel method, Postgraduate, A.ÇAĞRI(Student), 2016

GÖKTAŞ A. A., Modelling of graphene based supercapacitors, Postgraduate, A.BUĞRA(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of wear and mechanical properties of cast and 3D printed CuSn10 bronze alloy**
Kılınç A. Ç., Göktaş A. A., Keskin Ö. Y., Köktaş S., Tekin K. C.
MATERIALS TESTING, no.5, pp.764-773, 2023 (SCI-Expanded)
- II. **Extrusion-Based 3D Printing of CuSn10 Bronze Parts: Production and Characterization**
KILINÇ A. Ç., GÖKTAŞ A. A., KESKİN Ö. Y., KÖKTAŞ S.
METALS, vol.11, no.11, 2021 (SCI-Expanded)
- III. **Characterization of eggshell-derived hydroxyapatite on Ti6Al4V metal substrate coated by sol-gel method**
Kilinc A. Ç., KÖKTAŞ S., GÖKTAŞ A. A.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.57, no.1, pp.47-53, 2021 (SCI-Expanded)
- IV. **Surface modification of new cellulose fiber extracted from Conium maculatum plant: a comparative study**
SEKİ Y., Kilinc A. Ç., DALMIŞ R., Atagur M., KÖKTAŞ S., GÖKTAŞ A. A., Celik E., SEYDİBEYOĞLU M. Ö., ÖNAY A. B.
CELLULOSE, vol.25, no.6, pp.3267-3280, 2018 (SCI-Expanded)
- V. **Extraction and investigation of lightweight and porous natural fiber from Conium maculatum as a potential reinforcement for composite materials in transportation**
Kilinc A. Ç., KÖKTAŞ S., SEKİ Y., Atagur M., DALMIŞ R., ERDOĞAN Ü. H., GÖKTAŞ A. A., Seydibeyoglu M. O.
COMPOSITES PART B-ENGINEERING, vol.140, pp.1-8, 2018 (SCI-Expanded)
- VI. **Microstructural and Electrochemical Analysis of Inorganic and Hybrid Sol Gel Silica Coatings on Al 7075 Alloy: Effect of Additives**
Göktaş A. A., Malayoğlu U., Malayoğlu U.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.8, pp.3633-3639, 2012 (SCI-Expanded)
- VII. **Sintering behaviour of sepiolite**
Goktas A. A., Misirli Z., Baykara T.
CERAMICS INTERNATIONAL, vol.23, no.4, pp.305-311, 1997 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the Effect of Carbon and Titania Additions on the Mechanical, Thermal and Microstructural Properties of High Alumina Refractories**
Ökten I. S., GÖKTAŞ A. A.
ICNASEN -2020, Turkey, 21 October 2020, pp.21-25
- II. **EXTRUSION BASED ADDITIVE MANUFACTURING OF BRONZE PARTS**
KILINÇ A. Ç., GÖKTAŞ A. A., KESKİN Ö. Y., KÖKTAŞ S.
ULUSLARARASI BİLİM, TEKNOLOJİ VE SOSYAL BİLGİLERDE GÜNCEL GELİŞMELER SEMPOZYUMU, Ankara, Turkey, 20 - 23 December 2019
- III. **PRODUCTION OF EGG SHELL DERIVED HYDROXYAPATITE COATINGS BY SOL GEL METHOD**
KÖKTAŞ S., KILINÇ A. Ç., GÖKTAŞ A. A.
ULUSLARARASI BİLİM, TEKNOLOJİ VE SOSYAL BİLGİLERDE GÜNCEL GELİŞMELER SEMPOZYUMU, Ankara, Turkey, 20 - 22 December 2019

Supported Projects

GÖKTAŞ A. A., Project Supported by Higher Education Institutions, MAGNEZYUM HAFİF METAL ALAŞIMI ÜZERİNE UYGULANAN SOL JEL KAPLAMALARIN AŞINMA,KOROZYON DAVRANIŞLARININ VE MİKROYAPILARININ İNCELENMESİ, 2012 - 2013

GÖKTAŞ A. A., Project Supported by Higher Education Institutions, kurşun ve baryum içermeyen toprak alkali bazlı mat frit kompozisyonu geliştirmek, 2010 - 2011

Metrics

Publication: 10

Citation (WoS): 119

Citation (Scopus): 102

H-Index (WoS): 4

H-Index (Scopus): 3