Assoc. Prof. ALİ ÖZER

Personal Information

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Education Information

Doctorate, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (Dr), Turkey 2007 - 2012
Postgraduate, Sakarya University, Instıtute Of Scıence, Metalurji Ve Malzeme Mühendisliği (Yl) (Tezli), Turkey 2001 - 2006
Undergraduate, Sakarya University, Faculty Of Engıneerıng, Department Of Metallurgıcal And Materıals Engıneerıng, Turkey 1997 - 2001

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Vocational Course, Atomika SEM-EDX Analiz Eğitimi, Atomika Teknik, 2016
Vocational Training, SEM-Philips XL30 FEG, Gebze Teknik Üniversitesi, 2012
Vocational Training, XRD-Philips X'pert Pro2, University of Illinois at Urbana-Champaign, 2011
Vocational Training, Hysitron AFM, University of Illinois at Urbana-Champaign, 2011
Vocational Training, XPS-Phi- Device Using, University of Illinois at Urbana-Champaign, 2011
Vocational Training, SEM-Jeol 7100F-EBSD FEG SEM, University of Illinois at Urbana-Champaign, 2011
Vocational Training, TEM-Jeol Cryo 2100 Device Using, University of Illinois at Urbana-Champaign, 2011
Vocational Training, SEM- Jeol 6060LV Device Using, University of Illinois at Urbana-Champaign, 2010
Vocational Training, XRD-MDI-Jade- Phase Analysis , University of Illinois at Urbana-Champaign, 2010
Vocational Training, XRD-Siemens D5000 Device Using , University of Illinois at Urbana-Champaign, 2010

Dissertations

Doctorate, Sert seramik katkıların Cr3C2-NiCr sermetlerin mekanik ve aşınma özelliklerine etkisi, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (Dr), 2012
Postgraduate, ZA8 alaşımına element ilavesinin aşınma özelliklerine etkisi, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Yl) (Tezli), 2006

Research Areas

Metallurgical and Materials Engineering

Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2019 - Continues
Assistant Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2013 - 2019
Research Assistant, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2012 - 2013
Research Assistant, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (Dr), 2007 - 2012
Research Assistant, University of Illinois at Urbana-Champaign, Grainger Faculty Of Eng., Material Science And Eng., 2010 - 2011
Research Assistant, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2002 - 2007

Academic and Administrative Experience

Deputy Director of the Center, Sivas Cumhuriyet University, 2017 - Continues
Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, 2016 - Continues
Deputy Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2015 - 2020

Courses

Uzmanlık Alan Dersi, Postgraduate, 2021 - 2022
Seminer, Doctorate, 2021 - 2022
Uzmanlık Alan Dersi, Doctorate, 2021 - 2022
Seminer, Postgraduate, 2021 - 2022
Characterization Techniques of Ceramics, Postgraduate, 2020 - 2021
Nano Malzemeler ve Nano Teknolojisi, Postgraduate, 2020 - 2021, 2019 - 2020
Mühendislik ve Fen Bilimlerinde SEM-TEM ve XRD Uygulamaları, Doctorate, 2020 - 2021
Mechanical Properties of Materials, Undergraduate, 2020 - 2021
Biomaterials, Undergraduate, 2020 - 2021
Şehir ve Kültür, Undergraduate, 2020 - 2021
Nano Materials and Nano Technologies, Postgraduate, 2020 - 2021
Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021
Material Characterization Techniques, Undergraduate, 2020 - 2021
SEM-TEM and XRD Applications for Science and Engineering, Doctorate, 2020 - 2021
Seramiklerin Fiziksel ve Kimyasal Özellikleri, Postgraduate, 2018 - 2019
Plastik Şekil Verme, Undergraduate, 2018 - 2019
Şehir ve Kültür, Undergraduate, 2019 - 2020
Seramiklerin İleri Mekanik Özellikleri, Postgraduate, 2018 - 2019
Statik, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020
Seramiklerin Karakterizasyon Teknikleri, Postgraduate, 2019 - 2020
Seminer Dersi, Postgraduate, 2019 - 2020
Nano Malzemeler, Undergraduate, 2018 - 2019
Malzemenin Mekanik Özellikleri, Undergraduate, 2019 - 2020
Biyomalzemeler, Undergraduate, 2019 - 2020

Malzemenin Mekanik Özellikleri, Undergraduate, 2019 - 2020
Plastik Şekil Verme, Undergraduate, 2018 - 2019
MALZEME ANALİZ TEKNİKLERİ, Undergraduate, 2017 - 2018, 2016 - 2017
PLASTİK ŞEKİL VERME, Undergraduate, 2017 - 2018, 2016 - 2017
SPEKTROSKOPİK ANALİZ YÖNTEMLERİ, Postgraduate, 2017 - 2018, 2016 - 2017
Sinterleme Kinetiği, Doctorate, 2017 - 2018
SERAMİKLERİN KARAKTERİZASYON TEKNİKLERİ, Postgraduate, 2017 - 2018, 2016 - 2017
Nano Malzemeler, Undergraduate, 2017 - 2018
MALZEMELERİN MEKANİK ÖZELLİKLERİ, Undergraduate, 2017 - 2018, 2016 - 2017
Seminer Dersi, Doctorate, 2017 - 2018
Bitirme Ödevi, Undergraduate, 2018 - 2019
SİNTERLEME KİNETİĞİ, Doctorate, 2017 - 2018
SERAMİKLERİN FİZİKSEL VE KİMYASAL ÖZELLİKLERİ, Postgraduate, 2017 - 2018, 2016 - 2017
NANOMALZEMELER, Undergraduate, 2017 - 2018, 2016 - 2017
UZMANLIK ALAN DERSİ, Postgraduate, 2017 - 2018, 2016 - 2017
SEMİNER 2, Postgraduate, 2017 - 2018
SERAMİKLERİN İLERİ MEKANİK ÖZELLİKLERİ, Postgraduate, 2017 - 2018, 2016 - 2017
SEMİNER 1, Postgraduate, 2017 - 2018, 2016 - 2017
Tez Çalışması, Postgraduate, 2017 - 2018
SİNTERLEME TEORİSİ VE PARÇACIK İŞLEMLERİ, Postgraduate, 2017 - 2018, 2016 - 2017
REFRAKTERLER VE ENDÜSTRİYEL FIRINLAR, Undergraduate, 2016 - 2017
Faz Diyagramları, Undergraduate, 2016 - 2017
Sinterleme Teorisi ve Parçacık İşlemleri, Postgraduate, 2017 - 2018
Malzeme Analiz Teknikleri, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
FAZ DİYAGRAMLARI, Undergraduate, 2016 - 2017
TOZ METALURJİSİ VE UYGULAMALARI, Postgraduate, 2016 - 2017
METALUJİ VE MALZEME MÜH. GİRİŞ, Undergraduate, 2016 - 2017
Toz Metalurjisi ve Uygulamaları, Postgraduate, 2016 - 2017
Malzeme Seçimi ve Tasarımı, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Uzmanlık Alan Dersi, Postgraduate, 2017 - 2018
Malzemenin Mekanik Özellikleri II, Undergraduate, 2016 - 2017
Malzeme Seçimi ve Tasarımı, Undergraduate, 2016 - 2017
Faz Diyagramları, Undergraduate, 2016 - 2017
Spektroskopik Analiz Yöntemleri, Postgraduate, 2017 - 2018
Malzeme Seçimi ve Tasarımı, Undergraduate, 2016 - 2017
MALZEME SEÇİMİ VE TASARIMI, Undergraduate, 2016 - 2017
Refrakterler ve Endüstriyel Fırınlar, Undergraduate, 2016 - 2017
Metalurji Ve Malzeme Müh. Giriş, Undergraduate, 2016 - 2017
Refrakterler ve Endüstriyel Fırınlar, Undergraduate, 2016 - 2017
Metalurji Ve Malzeme Müh. Giriş, Undergraduate, 2016 - 2017
Demirdışı Metallerin Üretimi, Undergraduate, 2013 - 2014
Malzeme Analiz Teknikleri, Undergraduate, 2014 - 2015
Malzemenin Mekanik Özellikleri I, Undergraduate, 2014 - 2015

Advising Theses

Özer A., YFC ve bağlayıcıların jeopolimerin kumavemetine etkisinin incelenmesi, Postgraduate, E.Divarcı(Student), Continues
Özer A., Yüksek mukavemetli beton eldesinde YFCnin farklı oranlarda kullanılabilirliğinin araştırılması, Postgraduate, Y.ACI(Student), Continues

Özer A., Al2O3-SiO2-TiO2 PVD kaplamalarına 2-3-4 dopantların fotokatalitik özellikere etkilerinin incelenmesi, Doctorate, A.ÇETİN(Student), Continues
Özer A., Savaş V., Farklı standartlardaki paslanmaz çelik ve sade karbonlu çelikçiftlerinin sürtünme karıştırma kaynak yöntemiyle birleştirilmesi, mekanik özelliklerinin ve mikroyapılarının incelenmesi, Doctorate, Y.ALNAK(Student), 2020
Özer A., pHEMA-Silikon hidrojel kompozisyonlarının üretimi karakterizasyonu ve Optik-Fiziksel özelliklerin incelenmesi, Postgraduate, M.SÜBÜTAY(Student), 2019
Özer A., Karbon tabanlı kolloidal süspansiyonların polimer yüzeylere kaplanması ve antibakteriyel performanslarının belirlenmesi, Postgraduate, U.HİLAL(Student), 2019
Özer A., Lityum-silikat (LS) ve lityum-alümina-silikat camseramiklerinin sinterlenmesi ve optik özelliklerinin incelenmesi, Postgraduate, S.İNCE(Student), 2019
Özer A., Müllit-spinel tabanlı refrakterlere alümina silika ilavesinin refrakterlik ve mekanik özelliklerine etkisi, Postgraduate, F.TONBAKTEPE(Student), 2019
Özer A., Al ve cam matrisli B4C sinter seramik ile tabakalı kompozit üretimi ve karakterizasyonu, Postgraduate, Ç.KIRIKLAR(Student), 2018
ÖZER A., Al-Ti alaşımlarına b-c-n ilavesi ile kompozit tozların in-situ üretimi ve al alaşımlarına tane inceltici olarak uygulanması, Postgraduate, M.ARIKOĞLU(Student), 2017
ÖZER A., Farklı yöntemlerle üretilmiş Al2O3-ZrO2-SiC nanokompozitlerinin mekanik ve fiziksel özelliklerinin karakterizasyonu, Postgraduate, E.TURPÇU(Student), 2017
ÖZER A., Al2O3-ZrO2-grafen tabakalı kompozitlerin mekanik ve aşınma özelliklerinin incelenmesi, Postgraduate, M.SONUÇ(Student), 2016

Jury Memberships

Doctoral Examination, Doctoral Examination, Sivas Cumhuriyet Üniversitesi, July, 2021
Doctoral Examination, Doctoral Examination, Sivas Cumhuriyet Üniversitesi, March, 2021
Doctoral Examination, Doctoral Examination, Sivas Cumhuriyet Üniversitesi, March, 2021
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, February, 2020
Doctorate, Doctorate, Sivas Cumhuriyet Üniversitesi, February, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sivas Cumhuriyet Üniversitesi, January, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sivas Cumhuriyet Üniversitesi, January, 2020
Doctoral Examination, Doctoral Examination, Sivas Cumhuriyet Üniversitesi, January, 2020
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, November, 2019
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, October, 2019
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, June, 2019
Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, June, 2019

Taught Courses And Trainings

Özer A., SEM UZMAN YETİŞTİRME, 2019 - 2019

Designed Programs

Özer A., Postgraduate, Birbirine Bağlı Tek Bir Diploma, Arkeometri , 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Abaca fiber as an efficient reinforcement for high mechanical performance in metakaolin-based geopolymers**
Constâncio Trindade A. C., Sood S. S., Silva D. d. C., Ozer A., Kriven W. M.
International Journal of Applied Ceramic Technology, vol.21, no.2, pp.1154-1169, 2024 (SCI-Expanded)

II. **Silk sericin-hydroxyapatite nanoribbons toward structurally stable osteogenic scaffolds**
Goksen Tosun N., Özer A., Bektas T., Öksüz K. E., Erden Tayhan S., Ozdemir T.
Journal of the Australian Ceramic Society, vol.59, no.5, pp.1291-1301, 2023 (SCI-Expanded)

III. **Phase variation and mechanical properties of waste calcium carbonate to substitute quartz in composite slab production**
Baş S., Güler T., Özer A., Aktürk S., Kriven W. M.
International Journal of Applied Ceramic Technology, vol.20, no.6, pp.3677-3690, 2023 (SCI-Expanded)

IV. **A Comprehensive Archaeometric Analysis of a Novel Special Organic Finding in a Glass Unguentarium: NMR, FT-IR, SEM/EDX**
Pehlivan E., Yabaş E., Özer A.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.60, pp.1-10, 2023 (SCI-Expanded)

V. **High-Performance Material for the Effective Removal of Uranyl Ion from Solution: Computationally Supported Experimental Studies**
Şimşek S., Derin Y., Kaya S., Hasdemir Z. M., Katin K. P., Özer A.
LANGMUIR, vol.1, no.1, pp.1-16, 2022 (SCI-Expanded)

VI. **Synthesis and characterization of chitosan-vermiculite-lignin ternary composite as an adsorbent for effective removal of uranyl ions from aqueous solution: Experimental and theoretical analyses.**
Şenol Z. M., Kaya S., Şimşek S., Katin K. P., Özer A., Marzouki R.
International journal of biological macromolecules, vol.209, no.A, pp.1234-1247, 2022 (SCI-Expanded)

VII. **Theoretical and experimental insights about the adsorption of uranyl ion on a new designed Vermiculite-Polymer composite**
Şimşek S., Kaya S., Mine Şenol Z. M., Ulusoy H. İ., Katin K., Özer A., Altunay N., Brahmia A.
Journal of Molecular Liquids, vol.352, 2022 (SCI-Expanded)

VIII. **First-time evaluation and characterization of "Šarišša" mudbrick ceramics and findings by SEM–EDX and XRF: chasing the traces of fire**
Pehlivan E., Ozer S. A., Pehlivan G. F., Özer A.
Journal of the Australian Ceramic Society, vol.58, no.1, pp.49-62, 2022 (SCI-Expanded)

IX. **Application of kaolinite-based composite as an adsorbent for removal of uranyl ions from aqueous solution: kinetics and equilibrium study**
HASDEMİR Z. M., KESKİN Z. S., ÖZER A., ŞİMŞEK S.
Journal of Radioanalytical and Nuclear Chemistry, vol.331, no.1, pp.403-414, 2022 (SCI-Expanded)

X. **ZnO/Al2O3 layered structures deposited by RF magnetron sputtering on glass: growth characteristics, optical properties, and microstructural analysis**
ŞENADIM TÜZEMEN E., ÖZER A., DEMİR İ., ALTUNTAŞ İ., ŞİMŞİR M.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.57, no.5, pp.1379-1388, 2021 (SCI-Expanded)

XI. **Investigation of nitrogen doped ZnO thin films: Effects on their structural and optical properties**
Hopoğlu H., Aydınoğlu H. S., Özer A., Şenadım Tüzemen E.
Optical Materials, vol.122, no.PART A, pp.111685, 2021 (SCI-Expanded)

XII. **A comparative study of hardness/scratch/wear properties of TiCN and TiAlN Coatings on DIN 1.2842 Steel by CA-PVD Method**
Şimşir M., Palacı Y., Özer A.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.58, pp.1-7, 2021 (SCI-Expanded)

XIII. **EVALUATION OF THE MICROHARDNESS OF DIFFERENT RESIN-BASED DENTAL RESTORATIVE MATERIALS TREATED WITH GASTRIC ACID: SEM-EDX ANALYSIS**
Ünal M., Candan M., İpek İ., Küçükoflaz M., Özer A.
Microscopy Research And Technique, vol.85, pp.1-8, 2021 (SCI-Expanded)

XIV. **Novel natural spider silk embedded electrospun nanofiber mats for wound healing**

Öksüz K. E., Özkaya N. K., İnan Z. D. Ş., Özer A.
Materials Today Communications, vol.26, 2021 (SCI-Expanded)

XV. **An investigation of corrosive effects on zirconia with different crystal structures**
Soygun K., Özer A., Bolayır G., Ulucan M. Ç.
Microscopy Research And Technique, vol.1, pp.1-7, 2021 (SCI-Expanded)

XVI. **Gallium oxide films deposition by RF magnetron sputtering; a detailed analysis on the effects of deposition pressure and sputtering power and annealing**
Mobtakeri S., Akaltun Y., Özer A., Kılıç M., Şenadım Tüzemen E., Gür E.
Ceramics International, vol.47, no.2, pp.1721-1727, 2021 (SCI-Expanded)

XVII. **Synthesis and characterization of chitosan–vermiculite composite beads for removal of uranyl ions: isotherm, kinetics and thermodynamics studies**
Hasdemir Z. M., Şimşek S., Özer A., Şenol Arslan D.
Journal of Radioanalytical and Nuclear Chemistry, vol.327, no.1, pp.159-173, 2021 (SCI-Expanded)

XVIII. **Synthesis and characterization of a polyacrylamide-dolomite based new composite material for efficient removal of uranyl ions**
Senol Z. M., Şimşek S., Ulusoy H. İ., Özer A.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.324, pp.317-330, 2020 (SCI-Expanded)

XIX. **Removal of food dyes from aqueous solution by chitosan-vermiculite beads**
Şenol Z. M., Gürsoy N., Şimşek S., Özer A., Karakuş N.
International Journal of Biological Macromolecules, vol.148, pp.635-646, 2020 (SCI-Expanded)

XX. **The effect of yttrium oxide in hydroxyapatite/aluminum oxide hybrid biocomposite materials: Phase, mechanical and morphological evaluationDer Einfluss von Yttriumoxid in Hydroxylapatit/Aluminiumoxid hybriden Bioverbundwerkstoffen: Gefuge, mechanische und morphologische Evaluation**
Özer A., Öksüz K. E.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.50, pp.1382-1390, 2019 (SCI-Expanded)

XXI. **Effect of Calcination on Microstructure Development and Properties of Hydroxyapatite Powders Extracted from Human and Bovine Bones**
Öksüz K. E., Kılınç S., Özer A.
TRANSACTIONS OF THE INDIAN CERAMIC SOCIETY, vol.78, pp.41-45, 2019 (SCI-Expanded)

XXII. **The surface and phase analysis studies on dental bioceramics subjected to different mouthrinse solutions**
Özer A., Soygun K., Bolayır G.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.54, pp.475-481, 2018 (SCI-Expanded)

XXIII. **Investigations on the effects of mouthrinses on the colour stability and surface roughness of different dental bioceramics**
Soygun K., Varol O., Özer A., Bolayır G.
JOURNAL OF ADVANCED PROSTHODONTICS, vol.9, pp.200-207, 2017 (SCI-Expanded)

XXIV. **Effect of Yttria on the Phase Formation and Sintering of HA-Al2O3 Biocomposites**
Öksüz K. E., Özer A.
ACTA PHYSICA POLONICA A, vol.131, pp.576-579, 2017 (SCI-Expanded)

XXV. **High Energy Ball Milling of YAG Powders: Sintering Properties and Microstructural Evaluation**
Ozer A., Kilic O. B.
ACTA PHYSICA POLONICA A, vol.131, no.3, pp.329-331, 2017 (SCI-Expanded)

XXVI. **Investigation on the machinability of steel/steel laminates by CO2 laser**
ŞİMŞİR M., ÖZER A., KUMRUOĞLU L. C.
INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY, vol.48, pp.80-94, 2014 (SCI-Expanded)

XXVII. **Sintering behaviour and mechanical properties of Cr3C2-NiCr cermets**
Ozer A., Tur Y. K.
BULLETIN OF MATERIALS SCIENCE, vol.36, no.5, pp.907-911, 2013 (SCI-Expanded)

XXVIII. **The effect of 3 mol% Y2O3 stabilized ZrO2 produced by a steric entrapment method on the**

mechanical and sintering properties of Cr3C2 based cermets
Ozer A., Kriven W. M., Tur Y. K.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.556, pp.878-884, 2012 (SCI-Expanded)

XXIX. **An investigation into stainless-steel/structural-alloy-steel bimetal produced by shell mould casting**
ŞİMŞİR M., KUMRUOĞLU L. C., ÖZER A.
MATERIALS & DESIGN, vol.30, no.2, pp.264-270, 2009 (SCI-Expanded)

XXX. **Investigation of critical liquid fraction factor in nodular iron castings by computer simulation**
Kumruoglu L. C., Oezer A.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.197, pp.182-188, 2008 (SCI-Expanded)

XXXI. **Microhardness evaluation of resin composites polymerized by three different light sources**
HUBBEZOĞLU İ., BOLAYIR G., DOĞAN O. M., DOĞAN A., ÖZER A., Bek B.
DENTAL MATERIALS JOURNAL, vol.26, no.6, pp.845-853, 2007 (SCI-Expanded)

XXXII. **Conductive potassium feldspar/polyaniline composites prepared by in situ chemical polymerization**
ÇETİNKAYA S., Karakisla M., Oezer A., SAÇAK M.
SYNTHETIC METALS, vol.157, pp.702-707, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. **New Records of Diatoms (Bacillariales, Rhopalodiales & Surirellales) with Ultrastructure Details from the Black Sea Coast of Turkey**
DİRİCAN S., KALELİ A., YILMAZ E., ÖZER A., DAYIOĞLU H.
AQUATIC SCIENCES AND ENGINEERING, vol.37, no.1, pp.19-28, 2022 (ESCI)

II. **MIDDLE BRONZE AGE VITREOUS MATERIAL OF OYLUM HÖYÜK AND NEW FINDINGS**
Engin A., Atik Ş., Özer A.
Annales 2021, vol.21, pp.35-48, 2021 (Conference Book)

III. **Sürtünme Karıştırma Kaynağı ile Birleştirilen AISI 316 Paslanmaz Çelik ve Karbonlu Çelik Çiftlerinin Mekanik Özelliklerinin ve Mikroyapılarının İncelenmesi**
ALNAK Y., ÖZER A., SAVAŞ V.
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.36, no.3, pp.719-733, 2021 (Peer-Reviewed Journal)

IV. **Characterization of gallium oxide/glass thin films grown by RF magnetron sputtering**
Mobtakeri S., Şenadım Tüzemen E., Özer A., Gür E.
Cumhuriyet Science Journal, vol.41, no.4, pp.929-937, 2020 (Peer-Reviewed Journal)

V. **The Effect of Ball Milling Speed on the Penetration of Cr And Zr into Cu for Production of Cu1CrZr Alloy Powder**
Kul M., Özer A., Öksüz K. E., Kurt N.
International Scientific Journal Machines. Technologies. Materials., vol.13, no.8, pp.362-366, 2019 (Peer-Reviewed Journal)

VI. **Microstructural evaluation and cytotoxicity investigations of α-Al2O3 bone replacement materials**
ÖZER A.
Cumhuriyet Tıp Dergisi, vol.40, no.2, pp.135-141, 2018 (Peer-Reviewed Journal)

VII. **MICROSTRUCTURAL CHARACTERISATION OF Co-Cr-Mo CASTING DENTAL ALLOYS**
Szala M., Beer-Lech K., Gancarczyk K., Kilic O. B., Pedrak P., ÖZER A., Skic A.
ADVANCES IN SCIENCE AND TECHNOLOGY-RESEARCH JOURNAL, vol.11, no.4, pp.76-82, 2017 (ESCI)

VIII. **Formation of Al-Ti-B Phases For Grain Refinement Of Al Alloys Produced By High Energy Ball Milling**
Arıkoğlu M., APAYDIN F., ÖZER A.
Material Science Forum, no.907, pp.188-192, 2017 (Scopus)

IX. **Effects of Different Curing Unites on Bulk Fill Composites**
SOYGUN K., ÜNAL M., ÖZER A., GÜLNAHAR E., BOLAYIR G.
international journal of oral and dental health, vol.1, no.3, pp.1-5, 2015 (Peer-Reviewed Journal)

X. **ÇİMENTO İLE YER DEĞİŞTİREBİLİR SERAMİK YAPILARIN MALZEMELERİN FAZ OLUŞUMU ve MUKAVEMETE ETKİSİ**
ÖZER A., ŞAHBUDAK K.
Cumhuriyet Yer Bilimleri Dergisi, vol.32, pp.5-13, 2014 (Peer-Reviewed Journal)

XI. **Tetragonal Zirkonya Katkılı Cr3C2-NiCr Sermet KompozitlerinKarakterizasyonu ve Mekanik Özellikleri**
ÖZER A., TÜR Y. K.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.14, pp.375-180, 2014 (Peer-Reviewed Journal)

XII. **Farklı akışkan bulk fill kompozitlerin mikrosertliklerinin araştırılması**
SOYGUN K., ÜNAL M., ÖZER A., GÜLNAHAR E., BOLAYIR G.
Cumhuriyet Dental Journal, vol.17, no.1, pp.64-69, 2014 (Scopus)

XIII. **An investigation of microhardness cured different flow bulk fill composites Farkli akişkan bulk fill kompozitlerin mikrosertliklerinin araştirilmasi**
SOYGUN K., ÜNAL M., ÖZER A., GÜLNAHAR E., BOLAYIR G.
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XXXII. **FARKLI BİOSERAMİKLERDE AĞIZ GARGARALARININ RENK STABİLİTESİ VE YÜZEY PÜRÜZLÜLÜĞÜ ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI**
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XXXIII. **TiO2 Grafen Nano Kompozit Partikül Takviyeli Koruyucu Tekstillerin Geliştirilmesi**
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5th International Biennial Conference on Ultrafine Grained and Nanostructured Materials, UFGNSM15, Tehran, Iran, 11 - 12 November 2015, vol.11, pp.44-48

XLI. **Production of V-B Reinforced Fe Matrix Composites**
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16. ULUSAL MEKANİK KONGRESİ, Kayseri, Turkey, 22 - 26 June 2009, vol.1, pp.903-910

XLVII. **The Evaluation of Physical Properties of Sanitary Ware Ceramics**
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ÖZER A., ÇETİNKAYA S., ŞAHİN M., SAÇAK M.
Brinding Clays, 43rd Annual Meeting of the CMS , 209, France, 2006., France, 3 - 07 June 2006

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Supported Projects

Özer A., Tuna E. B., Project Supported by Higher Education Institutions, PLGA elektroeğirme fiberlere nanoparçacık ilavesi ile farklı yüzeylerde tutunma davranışları ve sitotoksisitelerinin incelenmesi, 2021 - 2023
Özer A., Project Supported by Higher Education Institutions, +2, +3, +4 Valans Oksitlerinin (ZnO, TiO2, Al2O3) Fiziksel Buhar biriktirme (PVD) İle Cam Ve Safir Üzerinde Büyütülmesi; Optik Ve Fotokatalitik etkisinin araştırılması, 2021 - 2023
Özer A., Şimşir M., Uzunsoy D., Kul M., TUBITAK Project, Grafen Takviyeli Cucr1zr Matrisli Kompozitlerin Elektriksel, Termal Ve Mekanik Özelliklerinin İncelenmesi, 2017 - 2020
Özer A., Savaş V., TUBITAK Project, Farklı Standartlardaki Paslanmaz Çelik ve Sade Karbonlu Çelik Çiftlerinin Sürtünme Karıştırma Kaynak Yöntemiyle Birleştirilmesi, Mekanik Özelliklerinin ve Mikroyapılarının İncelenmesi, 2018 - 2019
Dirican S., Özer A., Project Supported by Higher Education Institutions, Karadeniz Bölgesi Diyatomelerinin Taksonomik Açıdan İncelenmesi, 2017 - 2019
Özer A., Project Supported by Higher Education Institutions, pHEMA-SİLİKON HİDROJEL KOMPOZİSYONLARININ ÜRETİMİ, KARAKTERİZASYONU VE OPTİK-FİZİKSEL ÖZELLİKLERİNİN İNCELENMESİ, 2017 - 2019
Özer A., Yapıcı K., Eltem R., Çelik O., Eskiizmir G., TUBITAK Project, Grafen Çinko Oksit Ve Nikel Oksit Nanopartikül Kaplanmış Basınç Eşitleme Tüplerinin Farklı Otopatojenik Bakteriyel Suşlara Bağlı Biyofilm Oluşumunun Azaltılmasındaki Etkinliğinin Araştırılması In Vitro Çalışma, 2016 - 2018
ÖZER A., Project Supported by Higher Education Institutions, FARKLI KRİSTAL YAPIYA SAHİP ZİRKONYALARIN SİNTERLEME UYGULAMALARININ DEĞİŞİK ORTAMLARDA KOROZYON VE MEKANİK DAVRANIŞLARINA ETKİSİNİN İNCELENMESİ, 2016 - 2018
ÖZER A., Project Supported by Higher Education Institutions, Al-Ti tozlarına B-C-N ilavesiyle in situ tane incelticilerinin üretimi ve Al alaşımlarına uygulanabilirliğinin incelenmesi, 2016 - 2017
ÖZER A., Project Supported by Higher Education Institutions, Farklı Yöntemlerle Üretilmiş Al2O3 ZrO2 SiC Nano Kompozitlerinin Mekanik ve Fiziksel Özelliklerinin Karakterizasyonu, 2016 - 2017
ÖZER A., TUBITAK Project, AŞIRI YÜKLER ALTINDA ÇALIŞAN KAM MİLLERİNE DLC KAPLAMA UYGULAYARAK KAPLAMA

DAVRANIŞLARININ İNCELENMESİ, 2016 - 2016
ÖZER A., Project Supported by Higher Education Institutions, Al2O3 ZrO2 Grafen tabakalı kompozitlerinin mekanik ve aşınma özelliklerinin incelenmesi, 2015 - 2016
Özer A., Arıkoğlu M., TUBITAK Project, AL TİB2 AL Tİ B İÇEREN KOMPOZİT TOZLARIN TOZ METALÜRJİSİ YÖNTEMİ İLE TANE İNCELTİCİ OLARAK İN SİTU ÜRETİMİ, 2015 - 2015

Contractual Researches

Özer A., Bektaş Ö., Engin A., GAZİANTEP BÜYÜKŞEHİR BELEDİYESİ, YESEMEK HİTİT HEYKEL ATÖLYESİ YÜZEY ARAŞTIRMASI, 2019 - 2019
Özer A., Bektaş Ö., Gaziantep Üniversitesi, Yesemek Heykel Atölyesi Yüzey Araştrması, 2019 - 2019

Excavation And Surface Survey

Özer A., Bektaş Ö., Engin A., Surface Survey, YESEMEK HİTİT HEYKEL ATÖLYESİ, 2019 - 2020

Activities in Scientific Journals

JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, Assistant Editor/Section Editor, 2020 - Continues
Research on Engineering Structures and Materials, Committee Member, 2018 - Continues
Journal of Material Science, Committee Member, 2018 - Continues
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, Committee Member, 2020 - 2020

Memberships / Tasks in Scientific Organizations

Türk Seramik Derneği, Principal Member, 2011 - Continues
American Ceramic Society, Associate Member, 2011 - Continues
TMMOB Metalurji Müh. Odası, Member, 2004 - Continues

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, July 2021
Journal of Advanced Research in Natural and Applied Sciences, Other Journals, March 2021
MATERIALS TODAY COMMUNICATIONS, SCI Journal, February 2021
European Journal of Engineering Research and Science, Other Indexed Journal, August 2020
Cumhuriyet Science Journal, National Scientific Refreed Journal, July 2020
MICROSCOPY RESEARCH AND TECHNIQUE, Journal Indexed in SCI-E, October 2019
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, September 2019
AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, July 2019
Technopark, Sivas Cumhuriyet University, Turkey, June 2019
TUBITAK Project, 1002 - Quick Support Program, Sivas Cumhuriyet University, Turkey, April 2019
Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, February 2019
Project Supported by Higher Education Institutions, BAP MSc, Sivas Cumhuriyet University, Turkey, June 2018
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Sivas Cumhuriyet University,

Turkey, September 2017
MATERIALS & DESIGN, SCI Journal, July 2017
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, SCI Journal, June 2014
MATERIALS & DESIGN, SCI Journal, March 2011

Mobility Activity

Research Scholarship Program, Research During Graduate Education, University of Illinois at Urbana-Champaign, United States Of America, 2010 - 2011

Metrics

Publication: 97
Citation (WoS): 218
Citation (Scopus): 316
H-Index (WoS): 8
H-Index (Scopus): 10

Congress and Symposium Activities

7th International Academic Conference on Economics, Business, Engineering and Social Sciences was held between 21-22 December, 2019 and was hosted by Tbilisi, Georgia., Working Group, Tbilisi, Georgia, 2019

Invited Talks

Arkeoloji Konuşmaları-1: Arkeometrik Yöntemlerin Temel Prensipleri, Seminar, Sivas Cumhuriyet Üniversitesi, Turkey, March 2021

Scholarships

2219-Purdue University Postdoctoral Fellow, TUBITAK, 2021 - Continues
Doktora Araştırma Bursu, University, 2010 - 2011

Awards

Öksüz K. E., Özer A., 1st Award for Best Poster Presentation, Transilvania University Of Brasov, March 2017
Özer A., Soygun K., 2nd Best for Poster Presentation, Aegean Dentistry, July 2015

Representation and Promotion Activities

Institutional Promotion, Erciyes Üniversitesi, Turkey, Kayseri, 2021 - 2021
Institutional Promotion, Amasya Üniversitesi, Turkey, Amasya, 2019 - 2019