

Assoc. Prof. KERİM EMRE ÖKSÜZ

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International Researcher IDs

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Education Information

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Biyomühendislik Ana Bilim Dalı, Turkey 2023 - Continues

Doctorate, Sakarya University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2011 - 2018

Postgraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji ve Malzeme Mühendisliği, Turkey 2008 - 2011

Undergraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji ve Malzeme Mühendisliği Bölümü, Turkey 2003 - 2007

Biography

K. Emre Öksüz, born in 1984, is currently working as a researcher/lecturer at Sivas Cumhuriyet University (2024), Sivas, Turkey. His primary research interest is a materials science, focusing on composite materials, piezoelectric and biomaterials, wear mechanism and characterization techniques. Öksüz finished his Ph.D. studies at Sakarya University, Turkey, in 2018.

Foreign Languages

English, C1 Advanced

German, B1 Intermediate

Certificates, Courses and Trainings

Vocational Course, Taramalı Elektron Mikroskobu (SEM) Sertifikası, ATÜSEM, Atılım Üniversitesi, Ankara, Atılım Üniversitesi, 2008

Vocational Course, Malzeme Karakterizasyon Teknikleri Sertifikası, ATÜSEM, Atılım Üniversitesi, Ankara, Atılım Üniversitesi, 2008

Foreign Language, Avrupa'da Uluslar arası Gençlik Kampları, İngilizce-Fransızca destekli gençlik festivali, programı,

(UNESCO/CCIVS–Le Comité de coordination pour le Service Volontaire International),Tunis,TUNUS, by United Nations Educational, Scientific, and Cultural Organization (UNESCO), 2007
Foreign Language, Avrupa’da Uluslar arası Gençlik Kampları, Almanca destekli gençlik festivali programı, (UNESCO/CCIVS – Coordinating Committee for International Voluntary Service), Baden-Württemberg, Stuttgart, ALMANYA , by United Nations Educational, Scientific, and Cultural Organization (UNESCO), 2006
Foreign Language, Gerçek Dil Merkezi, Almanca Dil Kursu, (3 Ay) M.E.B onaylı dil sertifikası. Sivas, TÜRKİYE, Milli Eğitim Bakanlığı , 2004

Dissertations

Doctorate, The Effect of Various Oxides on the Electrical Properties of BaTiO₃ Based Ceramics, Sakarya University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, 2018
Postgraduate, Toz metalurjisi yöntemiyle kesici uç (Soket) üretilmesi ve karakterizasyonu, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2011

Research Areas

Biomedical Engineering, Biomechanics, Metallurgical and Materials Engineering, Material science and engineering, Ceramic Materials, Semiconductor and Superconductor Materials, Mechanical Properties, Electrical and Magnetic Properties, Composites, Polymeric Materials, Biomaterials, Thermal Treatment, Material Characterization, Mechanical Metallurgy, Metallic Materials, Nanomaterials, Thermal Properties, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2010 - Continues

Academic and Administrative Experience

Deputy Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2020 - Continues

Courses

MET 5999 Seminer Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Biyomalzemelerin Klinik Uygulamaları, Doctorate, 2023 - 2024, 2022 - 2023
Biyomalzemelerin Mekaniği: İmplant Tasarımı ve Karakterizasyonu, Doctorate, 2022 - 2023, 2021 - 2022
MET 5009 Nano Malzemeler ve Nano Teknolojisi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
MET 5000 Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **From biopolymer matrix to medicine: the drug delivery dynamics of amoxicillin-loaded PVA/SA/ZnONPs hydrogels**
Abuhamed N., Arslan S., Öksüz K. E., Dinçer E.
International Journal of Polymeric Materials and Polymeric Biomaterials, 2024 (SCI-Expanded)
- II. **Bioactive coatings on biopolymer materials: evaluation of mechanical, physical, thermal, and in vitro**

properties

ÖKSÜZ K. E.

Journal of the Australian Ceramic Society, 2024 (SCI-Expanded)

- III. **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)
- IV. **Plant-inspired adhesive and injectable natural hydrogels: in vitro and in vivo studies**
Bohórquez-Moreno C. D., Öksüz K. E., Dinçer E., Hepokur C., Şen İ.
Biotechnology Letters, vol.45, no.9, pp.1209-1222, 2023 (SCI-Expanded)
- V. **Anti-adhesive effect of naturally obtained dicalcium phosphate dihydrate nanoparticles in the rat uterine wound model Efecto antiadhesivo de nanopartículas de dihidrato de fosfato dicálcico obtenidas naturalmente en el modelo de herida uterina de rata**
Kurt B., Öksüz K. E., Sahin-Inan Z. D., Hepokur C.
Cirugia y Cirujanos (English Edition), vol.91, no.4, pp.457-467, 2023 (SCI-Expanded)
- VI. **Novel Bioactive Glass/Graphene Oxide-Coated Surgical Sutures for Soft Tissue Regeneration**
Öksüz K. E., Kurt B., Şahin İnan Z. D., Hepokur C.
ACS Omega, vol.8, no.24, pp.21628-21641, 2023 (SCI-Expanded)
- VII. **Investigation of physicochemical and biological properties of boron-doped biochar**
Ateş A., Aydemir B., Öksüz K. E.
Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)
- VIII. **POROUS POLYMER SCAFFOLDS DERIVED FROM BIORESOURCES FOR BIOMEDICAL APPLICATIONS**
Bohorquez-Moreno C. D., Öksüz K. E., Dinçer E.
Cellulose Chemistry and Technology, vol.57, no.1-2, pp.107-116, 2023 (SCI-Expanded)
- IX. **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)
- X. **The effect of yttrium oxide in hydroxyapatite/aluminum oxide hybrid biocomposite materials: Phase, mechanical and morphological evaluation Der Einfluss von Yttriumoxid in Hydroxylapatit/Aluminiumoxid hybriden Bioverbundwerkstoffen: Gefüge, mechanische und morphologische Evaluation**
Özer A., Öksüz K. E.
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.50, pp.1382-1390, 2019 (SCI-Expanded)
- XI. **Effect of Composition and Sintering Temperature on the Structure and Properties of Porous Bioactive Glass Scaffolds**
Öksüz K. E.
CHIANG MAI JOURNAL OF SCIENCE, vol.46, pp.568-578, 2019 (SCI-Expanded)
- XII. **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)
- XIII. **Processing and characterization of porous SiC/NiTi alloys for biomedical applications**
Şimşir M., Akkan H., Öksüz K. E.
KOVVOVE MATERIALY-METALLIC MATERIALS, vol.57, pp.363-369, 2019 (SCI-Expanded)
- XIV. **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)
- XV. **Influence of ZrO₂ Addition on the Structure and Dielectric Properties of BaTiO₃ Ceramics**
Öksüz K. E., Şen Ş., Şen U.
ACTA PHYSICA POLONICA A, vol.131, pp.197-199, 2017 (SCI-Expanded)
- XVI. **Tribological behavior of Al₂O₃ and B₄C particle-reinforced copper matrix investigated by the Taguchi method**

- Şahin Y., Öksüz K. E.
MATERIALS TESTING, vol.58, pp.453-461, 2016 (SCI-Expanded)
- XVII. **Microstructure and Hardness Characteristics of Al₂O₃-B₄C Particle-Reinforced Cu Matrix Composites**
Öksüz K. E., Şahin Y.
ACTA PHYSICA POLONICA A, vol.129, pp.650-652, 2016 (SCI-Expanded)
- XVIII. **MICROSTRUCTURAL AND PHASE STUDY OF Y₂O₃ DOPED HYDROXYAPATITE/Al₂O₃ BIOCOSMOSITES**
Öksüz K. E., Özer A.
DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, vol.11, pp.167-172, 2016 (SCI-Expanded)
- XIX. **The Effects of Aging on the Hardness and Wear Behaviour of 2124 Al Alloy/B₄C Composites**
Öksüz K. E., Oskay K. O.
ACTA PHYSICA POLONICA A, vol.127, pp.1367-1369, 2015 (SCI-Expanded)
- XX. **Processing and Mechanical Properties of B₄C/Diamond Impregnated Fe/Co MMC**
Öksüz K. E., Şimşir M.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1139-1141, 2015 (SCI-Expanded)
- XXI. **Effects of B₂O₃ Addition on the Sintering Behavior of 0-5-10% ZrO₂ Doped BaTiO₃ Based Ceramics**
Öksüz K. E., Şen Ş., Şen U.
ACTA PHYSICA POLONICA A, vol.127, pp.1086-1089, 2015 (SCI-Expanded)
- XXII. **Microstructural evaluation and characterization of solid-state reaction of B₂O₃ doped BaZr_xTi_{1-x}O₃ ceramics**
Öksüz K. E., Şen Ş., Şen U.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.51, pp.137-143, 2015 (SCI-Expanded)
- XXIII. **Effects of Al₂O₃ Nanopowders on the Wear Behavior of NiTi Shape Memory Alloys**
Şahin Y., Öksüz K. E.
JOM, vol.66, pp.61-65, 2014 (SCI-Expanded)
- XXIV. **Effects of sintering temperature and addition of Fe and B₄C on hardness and wear resistance of diamond reinforced metal matrix composites**
Şimşir M., Öksüz K. E.
JOURNAL OF SUPERHARD MATERIALS, vol.35, no.6, pp.369-382, 2013 (SCI-Expanded)
- XXV. **TRIBOLOGICAL BEHAVIOUR OF Al₂O₃-Al₂O₃ PARTICLE-REINFORCED COMPOSITES PRODUCED BY POWDER METALLURGY METHOD**
Şahin Y., Öksüz K. E.
JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, vol.19, pp.190-201, 2013 (SCI-Expanded)
- XXVI. **ABRASIVE WEAR BEHAVIOUR OF SiC_p-REINFORCED Al₂124 ALLOY COMPOSITE BASED ON THE TAGUCHI METHOD**
Şahin Y., Öksüz K. E.
JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, vol.19, pp.520-538, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sert Doku Uygulamaları İçin Makro Gözenekli Alüminyum Oksit-Bor Karbür Seramikleri Macro-Porous Aluminum Oxide-Boron Carbide Ceramics for Hard Tissue Applications**
Öksüz K. E.
Recep Tayyip Erdoğan Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.4, no.2, pp.65-75, 2023 (Peer-Reviewed Journal)
- II. **Al₂O₃ PARTICLE SIZE EFFECT ON REINFORCED CU COMPOSITES PRODUCED BY HIGH ENERGY MILLING**
Öksüz K. E.
Adıyaman Üniversitesi Mühendislik Bilimleri Dergisi, vol.10, no.20, pp.125-134, 2023 (Peer-Reviewed Journal)
- III. **Investigation of the structure and hardness properties of Anodonta anatina mussel shells**

- Öksüz K. E., Şereflişan H.
SU URUNLERI DERGISI, vol.40, no.2, pp.132-139, 2023 (Peer-Reviewed Journal)
- IV. **Microstructure of Eobania vermiculata (Müller, 1774): SEM, F-TIR and XRD methods**
Öksüz K. E., Şereflişan H.
Journal of agricultural production (Online), vol.3, no.2, pp.42-47, 2022 (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. **Investigations on Microstructural and Raman Scattering Properties of B₂O₃ Doped Ba(Ti_{1-x}Zrx)₃O₃ Ceramics**
Öksüz K. E., Şen Ş., Şen U.
Chemistry Research Journal, vol.3, no.6, pp.71-75, 2018 (Peer-Reviewed Journal)
- VII. **Properties of Nano Hydroxyapatite Powder Derived From Human Teeth**
Öksüz K. E.
Chemistry Research Journal, vol.3, no.6, pp.76-81, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Biocomposites: Advances in Research and Applications Chapter 6. Dental Bioceramics: From Lab to Clinical Practice**
Öksüz K. E.
in: Biocomposites: Advances in Research and Applications, James R. Bush, Editor, Nova Science Publishers, Inc., New York, pp.227-246, 2023
- II. **Biocomposites: Advances in Research and Applications Chapter 2. Boron-Substituted Biomaterials**
Abuhamed N., Arslan S., Öksüz K. E.
in: Biocomposites: Advances in Research and Applications, James R. Bush, Editor, Nova Science Publishers, Inc., New York, pp.105-140, 2023
- III. **Bioprinting the Human 3D-Printable Materials for Tissue Engineering**
Öksüz K. E.
in: Bioprinting the Human, Soner Şahin, MD – Professor, Faculty of Medicine, Department of Neurosurgery, Nisantasi University, Istanbul, Turkey, Kenan Demir, MD – Health Sciences University, Samsun Training and Research Hospital, Samsun Eğitim ve Araştırma Hastanesi, İlkadım, Turkey., Editor, NOVA Science Publishers Inc., New York, pp.17-36, 2022
- IV. **High Performance and Optimum Design of Structures and Materials Book Section:11 Surface Modification**
Öksüz K. E., Gün T., Şimşir M.
in: High Performance and Optimum Design of Structures and Materials Book, W.P. De Wilde, Vrije Universiteit Brussel, Belgium S. Hernández, University of A Coruña, Spain C.A. Brebbia, Wessex Institute of Technology, UK, Editor, WIT Press, London, pp.545-552, 2014
- V. **Powder Metallurgy for Automotive Aluminium Alloys Hard and Super Hard Materials Book Composites Chapter 25: Investigation of Mechanical Behavior of B₄C/Diamond Reinforced Fe/Co Metal Matrix Composites Produced by PM**
Şimşir M., Öksüz K. E., Şahin Y.
in: Powder Metallurgy for Automotive Aluminium Alloys Hard and Super Hard Materials Book, P. Ramakrishnan, Editor, MEDTEC Publisher, Scientific Int.Pvt.Ltd., Pune, pp.203-209, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Demir (III) Oksit (Fe₂O₃) Nanopartikülerinin Asidik ve Alkali Ortamlarda Zeta Potansiyeli Değişimleri**
ARSLAN S., ÖKSÜZ K. E.
Karadeniz - 15th International Conference On Applied Sciences, Rize, Turkey, 08 March 2024, pp.254-260
- II. **Ratlarda Kritik Boyutlu Mandibula Korpus Defektinde Bor Katkılı Nano Hidroksiapatit Biyokompozitlerin Kemik Rejenerasyonu Üzerine Etkisinin Değerlendirilmesi**
Demirkıran B. B., Şahin İnan Z. D., Hamutoğlu R., Öksüz K. E., Hasbek Z., Altuntaş E. E.
44. Türk Ulusal Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi, Antalya, Turkey, 15 - 19 November 2023
- III. **Nanoparticle Production Using Food Waste: Sugar Beet Pulp (Paste) Example**
Balcan O., Sarioğlu Cebeci M., Öksüz K. E.
ICONFOOD'23 2nd International Congress on Food Researches, Sivas, Turkey, 16 - 18 October 2023, pp.537
- IV. **Meme Kanseri Tedavisi için Sitratla Stabilize Edilmiş Fe₃O₄ Nanopartikülleri/Pertuzumab İçeren Makro Gözenekli Süngerin Geliştirilmesi**
Alandağ C., Aslan S., Öksüz K. E., Yılmaz Göç R.
10. Türk Tıbbi Onkoloji Kongresi, Antalya, Turkey, 26 - 30 April 2023, pp.108
- V. **Asetaminofen ile Hasar Gören Böbreklerde Eritropoetin ve Mezenkimal Kök Hücre Uygulamasının Taramalı Elektron Mikroskobu ile Değerlendirilmesi**
Göç R., Öksüz K. E., Çelik U., Çoban Z. B., Tandıroğlu A., Yay A. H., Açmaz G., Sezer G., Yakan B.
KARADENİZ 9th International Conference on Applied Sciences, Artvin, Turkey, 25 - 26 June 2022, vol.1, pp.30-31
- VI. **Ardıç Yağı Katkılı Hidrofilik Fiber İpliklerin Antibakteriyel ve Hemolitik Aktivitelerinin İncelenmesi**
Öksüz K. E., Göç R., Dinçer E., Akdeniz E., Şahin F. B., Çelik U.
KARADENİZ 9th International Conference on Applied Sciences, Artvin, Turkey, 25 - 26 June 2022, vol.1, pp.32
- VII. **Biyoaktif Nanoseramik Katkılı Biyopolimer Filmlerin Üretimi ve Karakterizasyonu**
Öksüz K. E., Göç R., Beyazıt C., Alizadehyegani N., Akbarlı N.
KARADENİZ 9th International Conference on Applied Sciences, Artvin, Turkey, 25 - 26 June 2022, vol.1, pp.29
- VIII. **Characterization of Poly(Vinyl Alcohol)/Sodium Alginate Nanofibers Produced By Electrospinning Method**
Tuna E. B., Öksüz K. E., Özer A.
6nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'21), Nevşehir, Turkey, 26 - 28 November 2021, vol.1, no.1, pp.409-413
- IX. **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.
XVI. International Scientific Conference Machines. Technologies., Sofija, Bulgaria, 11 - 14 September 2019, vol.3, pp.233-237
- X. **Preparation of Highly Porous ZrO₂ Bone Scaffold**
Öksüz K. E.
6. International Conference on Mathematics, Engineering, Natural Medical Sciences, (EJONS 6), Adana, Turkey, 8 - 10 March 2019, vol.1, pp.595-600
- XI. **Ultrahigh Density α -Al₂O₃ Ceramics Produced By Slip Casting**
Öksüz K. E.
6. International Conference on Mathematics, Engineering, Natural Medical Sciences, (EJONS 6), Adana, Turkey, 8 - 10 March 2019, vol.1, pp.585-594
- XII. **İpek serisin-Hap-RGD peptiti içeren nanofibriler liflerin kemik doku mühendisliği çalışmaları için üretilmesi**
Bektaş T., Rischka K., Öksüz K. E., Özer A., Özdemir T.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, BIOMED2018-TR, İstanbul, Turkey, 15 - 16 December 2018, vol.1, pp.132
- XIII. **The effect of ball milling time on the mechanochemical activation properties of Cu₁CrZr alloys**

Özer A., Öksüz K. E., Sübütay H., Kurt N., Şimşir M., Kumruoğlu L. C., Kul M.

4th International Turkic World Conference on Chemical Sciences and Technologies ITWCCST 2018, Kiev, Ukraine, 7 - 10 September 2018, vol.1

- XIV. **The sintering properties of Cu₁CrZr alloys produced by mechanochemical activation**
Öksüz K. E., Sübütay H., Şimşir M., Kumruoğlu L. C., Kul M., Özer A.
4th International Turkic World Conference on Chemical Sciences and Technologies ITWCCST 2018, Kyiv, Ukraine, 7 - 10 September 2018, vol.1, pp.0-63
- XV. **Structural Evolution and Dielectric Properties of Ba(Ti_{1-x}Zr_x)O₃ Perovskite Ceramics**
Öksüz K. E., Şen Ş., Şen U.
ICSTR Athens – International Conference on Science Technology Research, 19-20 July, 2018, Athens, Greece, 19 - 20 July 2018, vol.1, pp.9
- XVI. **Effect of SiC Particle Size on the Physical and Mechanical Properties of NiTi Alloys**
Akkan H., Şimşir M., Öksüz K. E.
10th International Conference on Materials Science Engineering (Bramat 2017), Brasov, Romania, 8 - 11 March 2017, vol.907, pp.3-7
- XVII. **The Influence of Composition and Calcination Temperature on the Phases in (Ba_{1-x}Sr_xZr)O₃ Perovskites**
Torman M., Öksüz K. E., Şen Ş., Şen U.
10th International Conference on Materials Science Engineering (Bramat 2017), Brasov, Romania, 8 - 11 March 2017, vol.907, pp.38-42
- XVIII. **Tribological Behavior of Distaloy DC Components**
Öksüz K. E., Akınalp Y. A., Kumruoğlu L. C.
10th International Conference on Materials Science Engineering (Bramat 2017), Brasov, Romania, 8 - 11 March 2017, vol.907, pp.121-125
- XIX. **Dielectric Properties of Sr-Doped BaZrO₃ Ceramics**
Torman M., Öksüz K. E., Şen Ş., Şen U.
10th International Conference on Materials Science Engineering (Bramat 2017), Brasov, Romania, 8 - 11 March 2017, vol.907, pp.21-24
- XX. **Synthesis and Characterization of CeO₂ Doped ZrO₂ Ceramics by a Simple Sol-Gel Route**
Özer U. H., Öksüz K. E., Özer A.
10th International Conference on Materials Science Engineering (Bramat 2017), Brasov, Romania, 8 - 11 March 2017, vol.907, pp.56-60
- XXI. **Thermal behaviour and structure of BaZrO₃ nanoparticles**
ÖKSÜZ K. E., ŞEN Ş., ŞEN U.
4th Central and Eastern European Committee for Thermal Analysis and Calorimetry, Kişinev, Moldova, 28 - 31 August 2017, vol.1
- XXII. **Investigations on Microstructural and Dielectric Properties of Ba Ti_{1-x}Zr_xO₃ Ceramics**
ÖKSÜZ K. E., ŞEN Ş., ŞEN U.
6th International Advances in Applied Physics and Materials Science Congress Exhibition, İstanbul, Turkey, 1 - 03 June 2016
- XXIII. **TiO₂ Grafen Nano Kompozit Partikül Takviyeli Koruyucu Tekstillere Geliştirilmesi**
Öksüz K. E., Özer A.
12. Ulusal Kimya Mühendisliği Kongresi (UKMK2016), İzmir, Turkey, 23 - 26 August 2016, vol.1, pp.1298-1309
- XXIV. **Microstructural and Dielectric Properties of Ba Ti_{1-x}Zr_x O₃ Nano ceramics**
ÖKSÜZ K. E., ŞEN Ş., ŞEN U.
45th International School Conference on the Physics of Semiconductors, Katowice-Szczyrk, Poland, 18 - 24 June 2016
- XXV. **Sintering Behavior and Microstructural Evaluation of MgO Doped Al₂O₃**
Özer A., Kumruoğlu L. C., Çelik M., Emircan Ç., Öksüz K. E.
18th International Conference Materials, Methods Technologies, Burgas, Bulgaria, 26 - 30 June 2016, vol.10, pp.367-373

- XXVI. **Effect of Sintering Temperature on Dielectric Properties of SiO₂ Doped BaTiO₃ Ceramics**
Öksüz K. E., Torman M., Şen Ş., Şen U.
18th International Conference Materials, Methods Technologies, Burgas, Bulgaria, 26 - 30 June 2016, vol.10, pp.361-366
- XXVII. **Sintering Characteristics and Grain Growth Behavior of SiO₂ Doped BaTiO₃ Ceramics**
Öksüz K. E., Şen Ş., Şen U.
International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), Nevşehir, Turkey, 6 - 08 April 2016, vol.1, pp.401-405
- XXVIII. **A Study on Al₂O₃ SiC B₄C Reinforced Cu Sn Matrix Composite by Warm Compaction Powder Metallurgy**
Öksüz K. E.
The 9th International Conference on Materials Science Engineering – (BraMat 2015), Brasov, Romania, 5 - 07 March 2015, vol.1128, pp.123-126
- XXIX. **Processing and Characterization of Porous Ti-HA Biocomposites**
Öksüz K. E., Kumruoğlu L. C., Dinçer C.
International Porous and Powder Materials Symposium and Exhibition, PPM 2015, İzmir, Turkey, 15 - 18 September 2015, vol.1, pp.602-605
- XXX. **Effect of Sic(p) on the Microstructure and Mechanical Properties of Sintered Distaloy DC Composites**
Öksüz K. E., Kumruoğlu L. C., Tur O.
5th International Biennial Conference on Ultrafine Grained and Nanostructured Materials, UFGNSM15, Tehran, Iran, 11 - 12 November 2015, vol.11, pp.49-54
- XXXI. **Phase and Morphological Evaluation of Mechanically Activated Sintered YAG Powders**
Öksüz K. E., Apaydin F., Bozdogan A. E., Cevik M., Ozer A.
5th International Biennial Conference on Ultrafine Grained and Nanostructured Materials, UFGNSM15, Tehran, Iran, 11 - 12 November 2015, vol.11, pp.44-48
- XXXII. **Fabrication and Characterization of TiNi/SiCp Shape Memory Composites**
Öksüz K. E., Şimşir M., Akkan H.
17th International Metallurgy Materials Congress (IMMC 2014), İstanbul, Turkey, 11 - 13 September 2014, vol.1, pp.731-737
- XXXIII. **Production of V-B Reinforced Fe Matrix Composites**
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ŞİMŞİR M., ÖKSÜZ K. E.

Supported Projects

- Öksüz K. E., Sevim U. K., Şereflışan H., TUBITAK Project, Tatlı Su Midye Kabuğu ve Külünün Çimento Katkı Malzemesi Olarak Kullanılabilirliğinin Araştırılması Proje No: 123M756, 2023 - 2025
- Yılmaz Göç R., Öksüz K. E., Alandağ C., Project Supported by Other Private Institutions, Manyetik Özellikli ve Tetiklenebilir İlaç Dağılım Sistemlerinin Erken Evre Meme Kanseri Üzerinde Uygulanması, 2022 - 2024
- Oskay K. O., Öksüz K. E., Sayın K., Ersöz M., TUBITAK Project, Elektrodüksiyon Yöntemi İle Atık Kurşun Pastanın Geri Dönüşümü, 2022 - 2024
- Oskay K. O., Ateş A., Öksüz K. E., Temel Ü. N., Project Supported by Higher Education Institutions, Biyokütleden Biyokömür ve Metal-Biyokömür Kompozit Malzemelerinin Üretimi ve Katalizör ve Enerji Uygulamaları, 2021 - 2024
- Öksüz K. E., Project Supported by Higher Education Institutions, Savunma Sanayiinde Kullanılmak Üzere Tasarlanan İnsansız Su Altı Keşif Aracı ve Uygulamaları, 2021 - 2022
- Demirkıran B. B., Öksüz K. E., Şahin İnan Z. D., Hamutoğlu R., Hasbek Z., Altuntaş E. E., Project Supported by Higher Education Institutions, Kritik Boyutlu Rat Mandibula Korpus Defektinde Bor Katkılı Nano Hidroksiapatit Biyokompozitlerin Kraniofasial Kemik Rejenerasyonu Üzerindeki Etkisinin Histopatolojik ve Sintigrafik Düzeyde Değerlendirilmesi Proje No: T-2021-912, 2021 - 2022
- Öksüz K. E., Şahin İnan Z. D., Özsoy C., Kurt B., Project Supported by Higher Education Institutions, Sıçan Uterin Yara İyileşmesi Modelinde Doğal Elde Edilmiş Bruşit Nanopartiküllerinin Yara İyileştirici Etkisi Proje No: T-2021-910, 2021 - 2022
- Kul M., Kumruoğlu L. C., Öksüz K. E., Kurt A. O., Çalışkan F., TUBITAK Project, SİLİSYUM KARBÜR MATRİSLİ-NİTRÜR, KARBÜR, OKSİT TAKVİYELİ İLERİ TEKNOLOJİ SERAMİKLERİNDEN YÜKSEK SICAKLIKLARA DAYANIKLI KOMPOZİT EKİPMAN ÜRETİMİ, 2018 - 2019
- Torman M., Öksüz K. E., Şen Ş., Şen U., Project Supported by Higher Education Institutions, Metal Oksit Katkılı Perovskit Yapılı Ba(Ti,Zr)O₃ Seramiklerinin Üretimi ve Karakterizasyonu Proje No: 2016-01-08-054, 2016 - 2018
- Öksüz K. E., Şen Ş., Şen U., Project Supported by Higher Education Institutions, Baryum Titanat Esaslı Seramiklere Çeşitli Oksit İlavelerinin Elektriksel Özellikler Üzerine Etkisi Proje No: 2013-01-08-029, 2012 - 2014
- Öksüz K. E., Şahin Y., Project Supported by Higher Education Institutions, TM Metoduyla Üretilen Ti-Ni Alaşımli Kompozit Malzemelerin Üretimi ve Aşınma Davranışlarının İncelenmesi Proje No: : 07/2011-65, 2009 - 2011
- Öksüz K. E., Şimşir M., Project Supported by Higher Education Institutions, Demir, Kobalt Esaslı Elmas Katkılı Metal Matris Kompozitlerin Üretimi Proje No: M-388, 2009 - 2011

Activities in Scientific Journals

- Journal of Mineral, Metal and Material Engineering, Committee Member, 2020 - Continues
- SCIREA Journal of Metallurgical Engineering , Committee Member, 2018 - Continues
- Materials Science: Materials Review, Committee Member, 2018 - Continues
- Composite Materials Research, Committee Member, 2018 - Continues
- Journal of Biomaterials, Committee Member, 2018 - Continues
- Characterization and Application of Nanomaterials, Committee Member, 2018 - Continues
- Asian Journal of Applied Science and Technology, Committee Member, 2016 - 2017

Memberships / Tasks in Scientific Organizations

- Scientific & Technical Research Association (STRA) (USA), Member, 2018 - Continues
- American Association for Science and Technology (AASCIT) (USA), Member, 2015 - Continues
- Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBES) (HONG KONG) , Member, 2015 -

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Turkish Ceramic Society (TSD) (TÜRKİYE), Member, 2014 - Continues

Scientific Refereeing

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BIOINSPIRED BIOMIMETIC AND NANOBOMATERIALS, Journal Indexed in SCI-E, November 2020

ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, SCI Journal, September 2020

BIOINSPIRED BIOMIMETIC AND NANOBOMATERIALS, Journal Indexed in SCI-E, August 2020

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SN APPLIED SCIENCES, SCI Journal, April 2020

ACTA METALLURGICA SINICA-ENGLISH LETTERS, SCI Journal, May 2019

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Acs Nano, SCI Journal, August 2018

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Scientific Consultations

KOSGEB-TEKNOKENT, Project Consultancy, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, Turkey, 2022 - 2023

Tasks In Event Organizations

Öksüz K. E., The 4th International Conference on Materials Science and Manufacturing Engineering (MSME 2021), Scientific Congress, Beijing, China, Kasım 2021

Öksüz K. E., 2021 The 6th International Conference on Smart Materials Technologies (ICSMT 2021), Scientific Congress, Kazan, Russia, Mayıs 2021

Öksüz K. E., 9th International Conference on Engineering and Innovative Materials (ICEIM 2020), Scientific Congress, Singapore, Eylül 2020

Öksüz K. E., 3rd International Joint Conference on Metallurgical and Materials Engineering (JCMME 2020), Scientific Congress, Seoul, South Korea, Temmuz 2020

Öksüz K. E., International Conference on Recent Optimization Techniques in Science and Engineering (ROTSE 2020), Scientific Congress, Kolhapur, India, Mayıs 2020

Öksüz K. E., International Joint Conference on Metallurgical and Materials Engineering (JCMME 2019), Scientific Congress, Auckland, New Zealand, Aralık 2019

Öksüz K. E., International Conference on Advanced Mechanical Design, Systems and Manufacturing (AMDSA 2019), Scientific Congress, Shenzhen, China, Mart 2019

Öksüz K. E., International Joint Conference on Metallurgical and Materials Engineering (JCMME 2018), Scientific Congress, Wellington, New Zealand, Aralık 2018

Öksüz K. E., 3rd International Conference on Smart Materials Technologies (ICSMT 2018), Scientific Congress, Moscow, Russia, Haziran 2018

Öksüz K. E., International Conference on Advanced Mechanical Design, Systems and Manufacturing (AMDSA 2018), Scientific Congress, Shanghai, China, Nisan 2018

Öksüz K. E., 5th International Conference on Machine Design and Manufacturing (ICMDME 2018), Scientific Congress, Jakarta, Indonesia, Ocak 2018

Öksüz K. E., 3rd International Conference on Education and Management Science (ICEMS 2018), Scientific Congress, Shenzhen, China, Ocak 2018

Öksüz K. E., 2nd International Conference on Smart Materials Technologies (ICSMT 2017), Scientific Congress, Sankt-Peterburg, Russia, Ağustos 2017

Metrics

Publication: 88

Citation (WoS): 63

Citation (Scopus): 118

H-Index (WoS): 5

H-Index (Scopus): 6

Congress and Symposium Activities

6. International Conference on Mathematics, Engineering, Natural & Medical Sciences, (EJONS 6), Session Moderator, Adana, Turkey, 2019

Awards

Demirkıran B. B., Şahin İnan Z. D., Hamutođlu R., Öksüz K. E., Hasbek Z., Altuntaş E. E., Ratlarda Kritik Boyutlu Mandibula Korpus Defektinde Bor Katkılı Nano Hidroksiapatit Biyokompozitlerin Kemik Rejenerasyonu Üzerine Etkisinin Deđerlendirilmesi, Türk Kulak Burun Bođaz Ve Baş Boyun Cerrahisi Derneđi, November 2023

Öksüz K. E., Özer A., 1st Award for Best Poster Presentation, Transilvania University Of Brasov, March 2017