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International Researcher IDs

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Education Information

Postgraduate, Air War Academy Command, Institute Of Aviation And Space Technologies, Havacılık Mühendisliği, Turkey 2015 - Continues

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2016 - 2022

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği, Turkey 2013 - 2016

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2009 - 2013

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Stronsiyum Hekzaferrit Miknatısların Yerli Selestit Cevheri ve Tufal Kullanarak Üretimi ve Özelliklerinin Geliştirilmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2022

Postgraduate, Nd-Fe-B ESASLI SERT (KALICI) MIKNATISLARIN MELT SPİNNİNG YÖNTEMİYLE ÜRETİMİ, YAPISAL VE MANYETİK ÖZELLİKLERİNİN İNCELENMESİ, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği Bölümü, 2016

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Electrical and Magnetic Properties, Intermetallics, Material Characterization, Metallic Materials, Production Metallurgy, Non-Ferrous Alloy Production, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2023 - Continues

Research Assistant PhD, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2022 - 2023

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2014 - 2022

Academic and Administrative Experience

Deputy Head of Department, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2023 - Continues

Assistant Manager of Research and Application Center, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2022 - Continues

Courses

Metallerin Isıl İşlemi, Undergraduate, 2022 - 2023

Nanomalzeme ve Nanoteknoloji, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of Sn addition on mechanical, wear, and electrochemical properties of Ti-Al-Sn alloys**
GÖLBAŞI Z., ÖZTÜRK B., İÇİN K., SÜNBÜL S. E.
Powder Technology, vol.444, 2024 (SCI-Expanded)
- II. **Investigation of phase transformation related magnetic properties of Ti addition to FeCoCuNiMn and FeCoCuNiAl high entropy alloys by vacuum arc melting**
İÇİN K.
Materials Today Communications, vol.39, 2024 (SCI-Expanded)
- III. **Effect of divalent ion of strontium substitution on the structural, optical, magnetic and blood compatibility studies in cobalt ferrite**
ERGİN İ., ÖZÇELİK S., İÇİN K., Yalcin B., Arda L., ÖZÇELİK B.
Physica Scripta, vol.99, no.6, 2024 (SCI-Expanded)
- IV. **Microstructure and mechanical properties of a Ti6Al4V alloy recycled by waste chips vacuum arc melting**
Özkan D. N., Şahin Ö., İçin K., Kılıç V., Akar N.
MATERIALPRUEFUNG/MATERIALS TESTING, vol.66, no.3, pp.1-11, 2024 (SCI-Expanded)
- V. **Investigating oxidation behavior of Fe₃₈Co₃₈Mo₈B₁₅Cu₁ alloy ribbons – structural, magnetic and Mössbauer study**
Sümbül S. E., Akyol S., İçin K., Umićević A., Ivanovski V., Batalović K.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.627, no.122836, pp.122836, 2024 (SCI-Expanded)
- VI. **The magnetic field sensing performance of FeCo-based soft magnetic alloys with varying Fe/Co ratio**
Can H., İÇİN K., Akyol S., Topal U., ÖZTÜRK S., Sözeri H.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.966, 2023 (SCI-Expanded)
- VII. **Wear, corrosion and oxidation characteristics of consolidated and laser remelted high entropy alloys manufactured via powder metallurgy**
Kafali M., Döleker K. M., Erdogan A., SÜNBÜL S. E., İÇİN K., YILDIZ A., Gök M. S.
SURFACE & COATINGS TECHNOLOGY, vol.467, 2023 (SCI-Expanded)
- VIII. **Mechanical, wear and corrosion behavior of Ti-6Al-xNb (x=3.5-21 wt%) alloys manufactured by**

powder metallurgy

GÖLBAŞI Z., ÖZTÜRK B., SÜNBUİL S. E., İÇİN K.

POWDER TECHNOLOGY, vol.426, 2023 (SCI-Expanded)

- IX. **A comparative study of the correlation among the phase formation, crystal stability and magnetic properties of SrFe_{12-x}M_xO₁₉ (M=Al³⁺, Cr³⁺ and Mn³⁺, x=0-0.5) ferrite permanent magnets**
İÇİN K., Akyol S., Alptekin F., YILDIZ A., SÜNBUİL S. E., ERGİN İ., ÖZTÜRK S.
JOURNAL OF SOLID STATE CHEMISTRY, vol.324, 2023 (SCI-Expanded)
- X. **A comparative study on the surface degradation mechanisms of arc melted and laser remelted CoCrFeNiAl_{0.5}Nb_{0.5} HEA**
İçin K., Sunbul S. E., Erdogan A., Doleker K. M.
SURFACE & COATINGS TECHNOLOGY, vol.463, 2023 (SCI-Expanded)
- XI. **Theoretical and experimental study of the titanium substituted Mg_{2-x}Ti_xNi alloys and Mg_{2-x}Ti_xNiH₄ hydrides**
SÜNBUİL S. E., İÇİN K., Mamula B. P., Radakovic J., ÖZTÜRK S., Batalovic K.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.48, no.48, pp.18352-18365, 2023 (SCI-Expanded)
- XII. **Effect of Co, Cu, and Mo alloying metals on electrochemical and magnetic properties of Fe-B alloy**
SÜNBUİL S. E., Akyol S., Onal S., ÖZTÜRK S., Sozeri H., İÇİN K.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.947, 2023 (SCI-Expanded)
- XIII. **Effect of proton irradiation on the performance of fluxgate sensors**
İÇİN K., Can H., Akyol S., Kiceci P. U., Topal U., oeztuerk S., Demirkoez M. B., Soezeri H.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.941, 2023 (SCI-Expanded)
- XIV. **Detailed studies on structural, morphological, optical, magnetic and mossbauer properties of Cu-substituted cobalt ferrite nanoparticles**
ERGİN İ., İÇİN K., Gungunes H., ÖZÇELİK B.
PHYSICA SCRIPTA, vol.98, no.3, 2023 (SCI-Expanded)
- XV. **Powder-pack boronizing of CoCrFeNiAl_{0.5}Nb_{0.5} HEA: Modeling of kinetics, microstructural, mechanical, and tribological characterizations**
Gunen A., Keddani M., SÜNBUİL S. E., İÇİN K., Doleker K. M., Gok M. S., Dal S., Erdogan A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.929, 2022 (SCI-Expanded)
- XVI. **Investigation of nano-crystalline strontium hexaferrite magnet powder from mill scale waste by the mechanochemical synthesis: Effect of the annealing temperature**
İçin K., Öztürk S., Çakıl D. D., Sünbül S. E., Ergin İ., Özçelik B.
MATERIALS CHEMISTRY AND PHYSICS, vol.290, 2022 (SCI-Expanded)
- XVII. **Effect of titanium addition on the corrosion behavior of CoCuFeNiMn high entropy alloy**
ÖZTÜRK S., Alptekin F., Onal S., SÜNBUİL S. E., ŞAHİN Ö., İÇİN K.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.903, 2022 (SCI-Expanded)
- XVIII. **Effect of the Mn Amount on the Structural, Thermal, and Magnetic Properties of Rapidly Solidified (87-x)Cu-13Al-xMn (wt.%) Alloy Ribbons**
SÜNBUİL S. E., İÇİN K., Eroglu M., ÖZTÜRK S.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.31, no.4, pp.2761-2769, 2022 (SCI-Expanded)
- XIX. **Investigation and characterization of high purity and nano-sized SrCO₃ production by mechanochemical synthesis process**
İÇİN K., ÖZTÜRK S., SÜNBUİL S. E.
CERAMICS INTERNATIONAL, vol.47, no.23, pp.33897-33911, 2021 (SCI-Expanded)
- XX. **Mechanochemical synthesis of SrFe₁₂O₁₉ from recycled mill scale: Effect of synthesis time on phase formation and magnetic properties**
Icina K., Ozturka S., Cakila D. D., Sunbula S. E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.873, 2021 (SCI-Expanded)
- XXI. **Determination of structural, tribological, isothermal oxidation and corrosion properties of Al?Co?Cr?Fe?Ni?Ti?Cu high-entropy alloy**
SÜNBUİL S. E., İÇİN K., Seren F. Z., ŞAHİN Ö., ÇAKIL D. D., SEZER R., ÖZTÜRK S.

- VACUUM, vol.187, 2021 (SCI-Expanded)
- XXII. **Structural, optical, magnetic, photocatalytic activity and related biological effects of CoFe₂O₄ ferrite nanoparticles**
Yalcin B., Ozcelik S., Icin K., Senturk K., ÖZÇELİK B., Arda L.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.10, pp.13068-13080, 2021 (SCI-Expanded)
- XXIII. **Microstructure, wear and oxidation behavior of AlCrFeNiX (X = Cu, Si, Co) high entropy alloys produced by powder metallurgy**
Erdogan A., SÜNBÜL S. E., İÇİN K., Doleker K. M.
VACUUM, vol.187, 2021 (SCI-Expanded)
- XXIV. **Improvement of microstructure, tribology and corrosion characteristics of nickel-aluminum bronze by P/M method**
ÖZTÜRK S., SÜNBÜL S. E., Metoglu A., İÇİN K.
TRIBOLOGY INTERNATIONAL, vol.151, 2020 (SCI-Expanded)
- XXV. **Characterisation of nickel-aluminium bronze powders produced by the planar flow casting method**
ÖZTÜRK S., SÜNBÜL S. E., Metoglu A., Onal S., İÇİN K.
MATERIALS SCIENCE AND TECHNOLOGY, vol.36, no.16, pp.1771-1784, 2020 (SCI-Expanded)
- XXVI. **Structural and Hydrogen Storage Properties of Mg₆₀-Ni₄₀ and Mg₈₀-Ni₂₀ Alloys Prepared by Planar Flow Casting**
SÜNBÜL S. E., ÖZTÜRK S., İÇİN K.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.29, no.9, pp.6101-6107, 2020 (SCI-Expanded)
- XXVII. **Effect of the stoichiometric ratio on phase evolution and magnetic properties of SrFe₁₂O₁₉ produced with mechanochemical process using mill scale**
İcin K., ÖZTÜRK S., ÇAKIL D. D., SÜNBÜL S. E.
CERAMICS INTERNATIONAL, vol.46, no.9, pp.14150-14160, 2020 (SCI-Expanded)
- XXVIII. **Effects of melt spinning process parameters and wheel surface quality on production of 6060 aluminum alloy powders and ribbons**
ÖZTÜRK S., SÜNBÜL S. E., İÇİN K.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.30, no.5, pp.1169-1182, 2020 (SCI-Expanded)
- XXIX. **Effect of heat treatment process on the structural and soft magnetic properties of Fe₃₈Co₃₈Mo₈B₁₅Cu ribbons**
ÖZTÜRK S., İÇİN K., GENCTURK M., GÖBÜLÜK M., SVEC P.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.527, 2020 (SCI-Expanded)
- XXX. **Surface and structural characterization of amorphous Fe,Co-based melt-spun ribbons subjected to heat treatment processes**
ÖZTÜRK S., İÇİN K., GENCTURK M., GÖBÜLÜK M., TOPAL U., SVEC P.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.522, 2019 (SCI-Expanded)
- XXXI. **The Role of Wheel Surface Quality on Structural and Hard Magnetic Properties of Nd-Fe-B Permanent Magnet Powders**
ÖZTÜRK S., İÇİN K., ÖZTÜRK B., TOPAL U., Karaagac O., Kockar H.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.31, no.9, pp.3025-3041, 2018 (SCI-Expanded)
- XXXII. **Enhanced Magnetic Properties of Nd₁₅Fe₇₇B₈ Alloy Powders Produced by Melt-Spinning Technique**
ÖZTÜRK S., İÇİN K., ÖZTÜRK B., TOPAL U., Odabasi H. K., GÖBÜLÜK M., CORA Ö. N.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, no.10, pp.5017-5030, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enhancing the Structural and Mechanical Properties of Ti-Zr Alloy through Boron Doping**
İcin K., Sünbül S. E., Sezer R.

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.1, pp.412-421, 2024 (Peer-Reviewed Journal)

II. Investigation of the Effects of Replacing Mn with Cu on the Structural and Mechanical Properties of Cantor High Entropy Alloy

İçin K., Sünbül S. E., Yıldız A.

Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.11, no.2, pp.1-10, 2023 (Peer-Reviewed Journal)

III. Investigation of Coatability of Mechanically Alloyed AlCuCrFeNi High Entropy Alloy by Physical Vapor Deposition Technique

Şimşek Y. E., Döleker K. M., Kuru M., Sünbül S. E., İçin K.

Manufacturing Technologies and Applications, vol.3, no.2, pp.1-8, 2022 (Peer-Reviewed Journal)

IV. Production of AA 2024 Aluminum Alloy Ribbons by Melt Spinning Process

ÖZTÜRK S., SÜN BÜL S. E., İÇİN K., ÖZTÜRK B.

Turkish Journal of Electromechanics & Energy, no.2, pp.14-19, 2017 (Peer-Reviewed Journal)

V. Effect of Chill Wheel Cooling on Magnetic Properties of Nd₁₅Fe₇₇B₈ Alloy Powders Produced by Melt Spinning Method

ÖZTÜRK S., İÇİN K., ÖZTÜRK B., TOPAL U., Kaftelen Odabaşı H.

International Journal of Materials Science and Applications, vol.6, no.5, pp.241-249, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. The High Purity Nanosized Strontium Carbonate Production With The Ammonium Carbonate Media Via The Mechanochemical Synthesis Process

Öztürk S., Alptekin F., Akyol S., Sünbül S. E., İçin K.

The International Conference of Materials and Engineering Technology, Gaziantep, Turkey, 5 - 06 November 2021, pp.244

II. Structural Tribological Isothermal Oxidation And Corrosion Properties Of Al-Co-Cr-Fe-Ni-Ti-Cu High Entropy Alloy

Öztürk S., Akyol S., Alptekin F., İçin K., Sünbül S. E.

The 3rd International Conference of Materials and Engineering Technology, Gaziantep, Turkey, 5 - 06 November 2021, pp.245

III. Parçacık Boyutunun Stronsiyum Hekzaferrit Mıknatısların Manyetik Özellikler Üzerindeki Etkisi

ÇAKIL D. D., İÇİN K., ÖZTÜRK S.

The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019), Ankara, Turkey, pp.298

IV. Nikelin Fe-Nd-B Esaslı Kalıcı Mıknatısların Özellikleri Üzerindeki Etkisi

ÖZTÜRK S., İÇİN K.

The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019), Ankara, Turkey, pp.389

V. Ti Katkılı NdFeB Kalıcı Mıknatıs Tozların Üretimi

ÖZTÜRK S., İÇİN K.

The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019), Ankara, Turkey, pp.394

VI. Kimyasal Bileşimin SrM Sürekli Mıknatısların Manyetik Özellikleri Üzerindeki Etkisi

ALPTEKİN F., ÇAKIL D. D., Şahin Ö., SÜN BÜL S. E., İÇİN K., SEZER R.

The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019), Ankara, Turkey, pp.593

VII. Kimyasal Bileşimin SrM Sürekli Mıknatısların Manyetik Özellikleri Üzerindeki Etkisi

ALPTEKİN F., ÇAKIL D. D., Şahin Ö., SÜN BÜL S. E., İÇİN K., SEZER R.

The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019), Ankara, Turkey, pp.593

- VIII. **Hitperm Tipi Alařımlarda Deęiřen Yüzeı Özelliklerinin Manyetik Özellikler Üzerindeki Etkisi İÇİN K.**
The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019), Ankara, Turkey, pp.312
- IX. **Kimyasal Bileřimin SrM Sürekli Mıknatısların Manyetik Özellikleri Üzerindeki Etkisi**
ALPTEKİN F., ÇAKIL D. D., ŞAHİN Ö., SÜNBÜL S. E., İÇİN K., SEZER R.
The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019, 18 - 20 October 2019, pp.593-596
- X. **Characterization of Hydrogen Storable Properties of Mg-Ni Alloy Ribbons Produced by Melt Spinning Method**
ÖZTÜRK S., SÜNBÜL S. E., İÇİN K., BEYAZIT G., ÖZCAN Ş.
4th International Hydrogen Technologies Congress, Edirne, Turkey, 20 - 23 June 2019, pp.131-134
- XI. **Investigation of Hydriding and Thermal Properties of Near Eutectic Mg-Ni Alloy Fabricated by Rapid Solidification Process**
ÖZTÜRK S., SÜNBÜL S. E., İÇİN K., BEYAZIT G., ÖZCAN Ş.
4th International Hydrogen Technologies Congress, Edirne, Turkey, 20 - 23 June 2019, pp.164-167
- XII. **Hydrogenation Behavior and Microstructure Evolution of Intermetallic Mg₂Ni Alloy Produced by Vacuum Arc Melting**
ÖZTÜRK S., SÜNBÜL S. E., İÇİN K., BEYAZIT G., ÖZCAN Ş.
4th International Hydrogen Technologies Congress, Edirne, Turkey, 20 - 23 June 2019, pp.172-175
- XIII. **SOĞUMA HIZININ Al-Ni BRONZU ŞERİTLERİN VE TOZLARIN YAPISAL VE MEKANİK ÖZELLİKLERİ ÜZERİNDEKİ ETKİSİ**
ÖZTÜRK S., METOĞLU A., SÜNBÜL S. E., İÇİN K.
3rd International Conference on Material Science and Technology in Cappadocia(IMSTEC 2018), Nevşehir, Turkey, 17 - 19 September 2018
- XIV. **MELT SPINNING YÖNTEMİYLE ÜRETİLEN CuAl₁₀Ni₅Fe₄ ALAŞIM TOZLARININ YAPISAL İNCELENMESİ**
ÖZTÜRK S., METOĞLU a., SÜNBÜL S. E., İÇİN K.
3rd International Conference on Material Science and Technology in Cappadocia(IMSTEC 2018), Nevşehir, Turkey, 17 - 19 September 2018
- XV. **The Influence of milling Media on Structural and Magnetic properties of Strontium Hexaferrite Powders**
ÖZTÜRK S., ÇAKIL D. D., İÇİN K., SEZER R., TOPAL U., ÖZTÜRK B.
6th International Conference on Superconductivity and Magnetism, Antalya, Turkey, 29 April - 04 May 2018, vol.6, no.1, pp.482
- XVI. **Preparation of SrFe₁₂O₁₉ Powders with Mechanochemistry method**
ÖZTÜRK S., ÇAKIL D. D., İÇİN K., SEZER R., TOPAL U., ÖZTÜRK B.
6th International Conference on Superconductivity and Magnetism, 29 April - 04 May 2018, no.1, pp.422
- XVII. **Investigation of Hydriding Properties of Mg₈₀-Ni₂₀ Alloy Ribbons Produced by Melt Spinning Method**
ÖZTÜRK S., SÜNBÜL S. E., İÇİN K., ÖZTÜRK B., BEYAZIT G., ÖZCAN Ş.
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 - 24 March 2018, vol.1, no.1, pp.143
- XVIII. **Production of Rapidly Solidified Mg Based Alloy Ribbons by Melt Spinning Method**
ÖZTÜRK S., SÜNBÜL S. E., İÇİN K., ÖZTÜRK B., BEYAZIT G., ÖZCAN Ş.
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 - 24 March 2018, vol.1, no.1, pp.142
- XIX. **Importance of Microstructure and Powder Size on The Magnetic Features of Nd₁₅Fe₇₇B₈ Spherical Shaped Powder**
ÖZTÜRK S., İÇİN K., ÖZTÜRK B., TOPAL U.
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 - 24 March 2018, vol.1, no.1, pp.112

- XX. **Co Katkılı Nd15Fe76Co2B8 Manyetik Alaşımın Yapısal ve Fiziksel Özelliklerinin İncelenmesi**
ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U.
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 - 24 March 2018, vol.1, no.1, pp.113-114
- XXI. **Mg60Ni40 ALLOY SYNTHESIS AND INVESTIGATION OF HYDROGEN STORAGE PROPERTIES**
BAYAZIT G., SÜNBÜL S. E., ÖZTÜRK S., İCİN K., ÖZCAN Ş.
3rd International Hydrogen Technologies Congress (IHTEC2018), Antalya, Turkey, 15 - 18 March 2018
- XXII. **Magnetic Behaviours of Dendritically Solidified Spherical NdFeB Powders and Surfactant-Active Ball Milled Particles**
ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 October 2017, pp.1281-1293
- XXIII. **Analytical Hierarchy Process in Material Selection**
ÖZTÜRK B., İCİN K., Şahin Ö., GÖLBAŞI Z., ÖZTÜRK S.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 October 2017, pp.693-700
- XXIV. **Effect of Deformation Rate on Electrical and Mechanical Properties of Pure Copper**
ÖZTÜRK B., İCİN K., GÖLBAŞI Z., ÖZTÜRK S.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 October 2017, pp.917-923
- XXV. **MICROSTRUCTURAL INVESTIGATION OF RAPIDLY SOLIDIFIED Cu(100-x)Al13Mnx (x=1-14) RIBBONS**
ÖZTÜRK S., EROĞLU M., SÜNBÜL S. E., İCİN K., ÖZTÜRK B.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.187-192
- XXVI. **THE EFFECT OF Mn AMOUNT ON THE SHAPE MEMORY PROPERTIES OF CuAlMn RIBBONS PRODUCED BY MELT SPINNING METHOD**
ÖZTÜRK S., EROĞLU M., SÜNBÜL S. E., İCİN K., ÖZTÜRK B.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.67-72
- XXVII. **Melt Spinning Yöntemiyle CuAlMn Şeritlerin Üretimi ve Manyetik Özelliklerinin İncelenmesi**
ÖZTÜRK S., EROĞLU M., SÜNBÜL S. E., GÖLBAŞI Z., İCİN K., ÖZTÜRK B.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017
- XXVIII. **Production Of AA2024 Aluminum Alloy Ribbons By Melt Spinning Process**
Öztürk S., Sünbül S. E., Gölbaşı Z., İcin K., Öztürk B.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017
- XXIX. **Effect of Wheel Cooling on Magnetic Properties of Nd15Fe77B8 Alloy Powders Produced by Melt Spinning Method**
ÖZTÜRK S., İCİN K., ÖZTÜRK B., Topal U., KAFTLEN ODABAŞI H.
4th international conference on materials science and nanotechnology for next generation, Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.61
- XXX. **The Influence Of Solidification Rate On Hard Magnetic Properties Rare-Earth Permanent Magnetic Powder**
ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U., Kaftelen Odabaşı H.
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- XXXIII. **Improvement Of Magnetic Properties Of Melt Spun Produced Nd₂Fe₁₄B Particles During Surfactant Assisted Ball Milling**
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- XXXIV. **STRUCTURAL THERMAL AND MAGNETIC CHARACTERIZATION OF RAPIDLY SOLIDIFIED Nd Fe B HARD MAGNETIC ALLOY POWDER**
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İCİN K., AKYOL S., BİLGİN S., ALVER Ü., ÖZTÜRK S., Project Supported by Higher Education Institutions, Çevreci Üretim Yöntemi Kullanarak Farklı Özelliklerdeki Geçiş Elementi İyonlarının Hekzaferrit Sürekli Miknatısların Manyetik Özellikleri Üzerindeki Etkisinin Araştırılması, 2023 - Continues

ÖZTÜRK S., AKYOL S., ALPTEKİN F., YILDIZ A., ALVER Ü., BİLGİN S., İCİN K., Project Supported by Higher Education Institutions, 1B Nanofiber Yüksek Entropili Oksitlerin Liyon Bataryalar ve Süperkapasitörlerde Kullanımının Enerji Depolama Verimliliği Üzerindeki Etkilerinin Araştırılması ve Geliştirilmesi, 2023 - Continues

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ÖZTÜRK S., YILDIZ A., ALPTEKİN F., AKYOL S., İÇİN K., SÜNBÜL S. E., BİLGİN S., Project Supported by Higher Education Institutions, Yüksek Entropili Oksitlerin Elektrik Enerjisi Depolama Kabiliyetlerinin Belirlenmesi ve Geliştirilmesi, 2022 - Continues

İÇİN K., Project Supported by Other Official Institutions, Hibrit Otomobillere Uygun Nd-Fe-B Esaslı Kalıcı (Sürekli) Mıknatısların Üretimi ve Özelliklerinin Geliştirilmesi, 2019 - Continues

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İpek H., Aslan M., Çava K., Uşun A., Aksa H. C., Topal T., Sünbül S. E., Berk İ., Aslan A., Alver Ü., et al., TUBITAK Project, 3 Boyutlu Eklemeli İmalat Yöntemleri Uygulamalı Eğitimi-II, 2023 - 2023

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SEZER R., İÇİN K., SÜNBÜL S. E., ÖZTÜRK S., Project Supported by Higher Education Institutions, Ti15Zr Dental İmplantlarda Bor Katkısının Yapısal ve Mekanik Özellikleri Üzerindeki Etkisinin Belirlenmesi, 2020 - 2023

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İçin K., TUBITAK Project, Yerli Hammaddeler ve Atık Kullanarak Stronsiyum Hekzaferrit Mıknatısların Üretimi, 2021 - 2021

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ÖZTÜRK B., GEDİKLİ H., SEZER R., İÇİN K., KILIÇARSLAN Y. S., Project Supported by Higher Education Institutions, Mikro Ark Oksidasyon (MAO) Yöntemiyle Alüminyum Esaslı Alaşımın Kaplanması ve Erozyon Aşınma Davranışlarının İncelenmesi, 2018 - 2021

ÖZTÜRK S., İÇİN K., SÜNBÜL S. E., SEZER R., Project Supported by Higher Education Institutions, Ferromanyetik Şekil Hafızalı CuAlMn Alaşımının Hızlı Katılaştırma Yöntemi ile Üretimi ve Özelliklerinin Geliştirilmesi, 2018 - 2019

ÖZTÜRK S., İÇİN K., SEZER R., ÇAKIL D. D., Project Supported by Higher Education Institutions, Yerli Selestit Cevherinden Mekanokimyasal Sentezleme Yöntemi ile SrFeO Esaslı Kalıcı Mıknatısların Üretimi, 2018 - 2019

ÖZTÜRK S., İÇİN K., GENÇTÜRK M., Project Supported by Higher Education Institutions, Fe-Co Esaslı Yumuşak Manyetik Amorf Şeritlerin Melt Spinning Yöntemi İle Üretimi ve Özelliklerinin İncelenmesi, 2017 - 2018

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ÖZTÜRK S., İCİN K., Project Supported by Higher Education Institutions, NdFeB ESASLI VE ELEMENT KATKILI YÜKSEK PERFORMANSLI SERT MIKNATISLARIN MELT SPINNING YÖNTEMİ İLE ÜRETİMİ VE ÖZELLİKLERİNİN İNCELENMESİ, 2017 - 2017

KAFTALEN ODABAŞI H., ÖZTÜRK S., TUBITAK Project, HİBRİT VE ELEKTRİKLİ ARAÇLAR İÇİN YÜKSEK PERFORMANSLI SERT (KALICI) MIKNATISLARIN HIZLI KATILAŞMA YÖNTEMİ İLE ÜRETİMİ VE ÖZELLİKLERİNİN GELİŞTİRİLMESİ, 2014 - 2017

İCİN K., ÖZTÜRK S., TUBITAK Project, Hızlı Katılaştırma Yönteminde Kullanılan Melt Spinning Cihazında Döner Diskin Soğutma Sisteminin Geliştirilmesi, 2015 - 2016

Memberships / Tasks in Scientific Organizations

Türk Seramik Derneği, Member, 2021 - Continues, Turkey

The European Magnetism Association, Member, 2021 - Continues, Sweden

Scientific Refereeing

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, June 2024

JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, SCI Journal, June 2024

SUSTAINABLE ENVIRONMENT RESEARCH, SCI Journal, May 2024

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Project Supported by Higher Education Institutions, BAP Research Project, Karadeniz Technical University, Turkey, December 2023

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VACUUM, SCI Journal, November 2023

STEEL RESEARCH INTERNATIONAL, SCI Journal, October 2023

The 5th International Conference of Materials and Engineering Technology, Conference Paper (Full Text), October 2023

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The International Journal of Materials and Engineering Technology, National Scientific Refreed Journal, June 2023

APPLIED NANOSCIENCE, SCI Journal, June 2023

Journal of Materials and Mechatronics: A, National Scientific Refreed Journal, May 2023

VACUUM, SCI Journal, April 2023

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, April 2023

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CHEMICAL PAPERS, SCI Journal, March 2023

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, January 2023

JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, November 2022

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MATERIALS SCIENCE AND TECHNOLOGY, SCI Journal, August 2022

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INTERNATIONAL JOURNAL OF ENERGY RESEARCH, SCI Journal, July 2022

TRIBOLOGY INTERNATIONAL, SCI Journal, July 2022

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Metallurgical and Materials Engineering, Journal Indexed in ESCI, April 2022
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JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, February 2022
JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, January 2022
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, SCI Journal, January 2022
JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, December 2021
JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, December 2021
The Second International Conference on Energy Material and Energy Technology, Conference Paper (Full Text),
December 2021
Kovove Materialy - Metallic Materials, Other Indexed Journal, December 2021
JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, October 2021
POLYMER COMPOSITES, SCI Journal, June 2021
International Journal of Atomic and Nuclear Physics, Other Indexed Journal, June 2021
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, SCI Journal, June 2021
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, SCI Journal, April 2021
METALS AND MATERIALS INTERNATIONAL, SCI Journal, March 2021
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, SCI Journal, March 2021
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, SCI Journal, July 2020
TRIBOLOGY INTERNATIONAL, SCI Journal, June 2020
Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, January 2020
Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, March 2019
Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, February 2019

Metrics

Publication: 79
Citation (WoS): 274
Citation (Scopus): 313
H-Index (WoS): 9
H-Index (Scopus): 10

Congress and Symposium Activities

4th International The Conference of Materials and Engineering Technology (TICMET'22), Attendee, İstanbul, Turkey, 2022
The 3rd International Conference of Materials and Engineering Technology (TICMET'21), Attendee, Gaziantep, Turkey, 2021
The International Conference of Materials and Engineering Technology (TICMET'20), Attendee, Gaziantep, Turkey, 2020
The International Conference on Material Science and Technology in Kızılcahamam, Attendee, Ankara, Turkey, 2019
4th International Hydrogen Technologies Congress, Attendee, Edirne, Turkey, 2019
International Symposium on Light Alloys and Composite Materials, Attendee, Karabük, Turkey, 2018
International Conference on Advanced Engineering Technologies, Attendee, Bayburt, Turkey, 2017
International Conference on Materials Science and Nanotechnology, Attendee, Sarajevo, Bosnia And Herzegovina, 2017
Turkey in Horizon 2020 Cooperation, Innovation, Competitiveness, Attendee, Trabzon, Turkey, 2016
International Energy and Engineering Conference, Attendee, Gaziantep, Turkey, 2016

International Conference on Metarial Science and Technology, Attendee, Nevşehir, Turkey, 2016

International Porous and Powder Materials Symposium and Exhibition, Attendee, İzmir, Turkey, 2015

Uluslararası 7. Toz Metalurjisi Konferansı, Attendee, Ankara, Turkey, 2014

Awards

İÇİN K., En İyi Sunum Ödülü, INTERNATIONAL ENERGY & ENGINEERING CONFERENCE 2016, October 2016

İÇİN K., Bölüm Birinciliği Ödülü, Karadeniz Teknik Üniversitesi, Metalurji ve Malzeme Mühendisliği Bölümü, June 2013

Non Academic Experience

Company, FerroMag Manyetik Teknoloji ArGe Hizmetleri San. Tic. Ltd. Sti., Kurucu

Ferromag Manyetik Teknoloji ArGe Hiz. San. Tic. Ltd. Şti.