

# Prof. SULTAN ÖZTÜRK

## Personal Information

**Email:** [suozturk@ktu.edu.tr](mailto:suozturk@ktu.edu.tr)

**Web:** <https://avesis.ktu.edu.tr//suozturk>

## International Researcher IDs

ORCID: 0000-0002-6917-7918

Yoksis Researcher ID: 11931

## Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri, Makine Mühendisliği, Turkey 1995 - 2001

Postgraduate, Akdeniz University, Fen Bilimleri, Tarım Makinaları, Turkey 1993 - 1995

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Üretim Mühendisliği, Turkey 1981 - 1985

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Su Soğutmalı Döner Disk Atomizasyon Yöntemiyle Toz ve Şerit Üretiminde İşlem Parametrelerinin Etkisi, Karadeniz Technical University, Fen Bilimleri, Makine Mühendisliği, 2001

## Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Electrical and Magnetic Properties, Material Characterization, Engineering and Technology

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2012 - Continues  
Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2007 - 2012

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2005 - 2007

Lecturer, Karadeniz Technical University, Beşikdüzü Meslek Yüksekokulu, Makine Teknikerliği, 1995 - 2005

Lecturer, Akdeniz University, Teknik Bilimler Meslek Yüksekokulu, Makina, 1986 - 1995

## Academic and Administrative Experience

Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2010 - 2015

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **A comparative study of the correlation among the phase formation, crystal stability and magnetic properties of SrFe<sub>12-x</sub>M<sub>x</sub>O<sub>19</sub> (M=Al<sup>3+</sup>, Cr<sup>3+</sup> and Mn<sup>3+</sup>, x=0-0.5) ferrite permanent magnets**  
İÇİN K., Akyol S., Alptekin F., YILDIZ A., SÜNBÜL S. E., ERGİN İ., ÖZTÜRK S.  
JOURNAL OF SOLID STATE CHEMISTRY, vol.324, 2023 (SCI-Expanded)
- III. **Effect of Co, Cu, and Mo alloying metals on electrochemical and magnetic properties of Fe-B alloy**  
SÜNBÜL S. E., Akyol S., Onal S., ÖZTÜRK S., Sozeri H., İÇİN K.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.947, 2023 (SCI-Expanded)
- IV. **Theoretical and experimental study of the titanium substituted Mg<sub>2-x</sub>Ti<sub>x</sub>Ni alloys and Mg<sub>2-x</sub>Ti<sub>x</sub>NiH<sub>4</sub> hydrides**  
SÜNBÜL 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)
- V. **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)
- VI. **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)
- VII. **Effect of titanium addition on the corrosion behavior of CoCuFeNiMn high entropy alloy**  
ÖZTÜRK S., Alptekin F., Onal S., SÜNBÜL S. E., ŞAHİN Ö., İÇİN K.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.903, 2022 (SCI-Expanded)
- VIII. **Effect of the Mn Amount on the Structural, Thermal, and Magnetic Properties of Rapidly Solidified (87-x)Cu-13Al-xMn (wt.%) Alloy Ribbons**  
SÜNBÜL S. E., İÇİN K., Eroglu M., ÖZTÜRK S.  
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.31, no.4, pp.2761-2769, 2022 (SCI-Expanded)
- IX. **Investigation and characterization of high purity and nano-sized SrCO<sub>3</sub> production by mechanochemical synthesis process**  
İÇİN K., ÖZTÜRK S., SÜNBÜL S. E.  
CERAMICS INTERNATIONAL, vol.47, no.23, pp.33897-33911, 2021 (SCI-Expanded)
- X. **Mechanochemical synthesis of SrFe<sub>12</sub>O<sub>19</sub> 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)
- XI. **Determination of structural, tribological, isothermal oxidation and corrosion properties of Al<sub>2</sub>Co<sub>2</sub>Cr<sub>2</sub>Fe<sub>2</sub>Ni<sub>2</sub>Ti<sub>2</sub>Cu high-entropy alloy**  
SÜNBÜL S. E., İÇİN K., Seren F. Z., ŞAHİN Ö., ÇAKIL D. D., SEZER R., ÖZTÜRK S.  
VACUUM, vol.187, 2021 (SCI-Expanded)
- XII. **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)
- XIII. **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)

- XIV. **Structural and Hydrogen Storage Properties of Mg<sub>60</sub>-Ni<sub>40</sub> and Mg<sub>80</sub>-Ni<sub>20</sub> Alloys Prepared by Planar Flow Casting**  
SÜN BÜL S. E., ÖZTÜRK S., İÇİN K.  
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.29, no.9, pp.6101-6107, 2020 (SCI-Expanded)
- XV. **Effect of the stoichiometric ratio on phase evolution and magnetic properties of SrFe<sub>12</sub>O<sub>19</sub> produced with mechanochemical process using mill scale**  
İçin K., ÖZTÜRK S., ÇAKIL D. D., SÜN BÜL S. E.  
CERAMICS INTERNATIONAL, vol.46, no.9, pp.14150-14160, 2020 (SCI-Expanded)
- XVI. **Effect of heat treatment process on the structural and soft magnetic properties of Fe<sub>38</sub>Co<sub>38</sub>Mo<sub>8</sub>B<sub>15</sub>Cu ribbons**  
ÖZTÜRK S., İÇİN K., GENCTURK M., GÖBÜLÜK M., SVEC P.  
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.527, 2020 (SCI-Expanded)
- XVII. **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)
- XVIII. **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)
- XIX. **Oxidation, electrical and mechanical properties of Crofer (R) 22 solid oxide fuel cell metallic interconnects manufactured through powder metallurgy**  
ÖZTÜRK B., TOPCU A., ÖZTÜRK S., CORA Ö. N.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, no.23, pp.10822-10833, 2018 (SCI-Expanded)
- XX. **Enhanced Magnetic Properties of Nd<sub>15</sub>Fe<sub>77</sub>B<sub>8</sub> 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)
- XXI. **Effects of Different Kinds of Fibers on Mechanical and Tribological Properties of Brake Friction Materials**  
ÖZTÜRK B., ARSLAN F., ÖZTÜRK S.  
TRIBOLOGY TRANSACTIONS, vol.56, no.4, pp.536-545, 2013 (SCI-Expanded)
- XXII. **Effect of Type and Relative Amount of Solid Lubricants and Abrasives on the Tribological Properties of Brake Friction Materials**  
ÖZTÜRK B., ÖZTÜRK S., ADIGUZEL A. A.  
TRIBOLOGY TRANSACTIONS, vol.56, no.3, pp.428-441, 2013 (SCI-Expanded)
- XXIII. **Characteristics of rapidly solidified Cu-10%Sn alloy powders produced by water jet cooled rotating disc atomisation**  
ÖZTÜRK S., ÖZTÜRK B., USTA G.  
POWDER METALLURGY, vol.54, no.5, pp.577-584, 2011 (SCI-Expanded)
- XXIV. **Production of rapidly solidified Cu-Sn ribbons by water jet cooled rotating disc method**  
ÖZTÜRK S., ÖZTÜRK B., ERDEMİR F., USTA G.  
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.211, no.11, pp.1817-1823, 2011 (SCI-Expanded)
- XXV. **Production of bronze powders by water jet cooled rotating disc atomisation**  
ÖZTÜRK S., USTA G., ÖZTÜRK B.  
POWDER METALLURGY, vol.54, no.3, pp.393-399, 2011 (SCI-Expanded)
- XXVI. **Effects of Resin Type and Fiber Length on the Mechanical and Tribological Properties of Brake Friction Materials**  
ÖZTÜRK B., ÖZTÜRK S.  
TRIBOLOGY LETTERS, vol.42, no.3, pp.339-350, 2011 (SCI-Expanded)

- XXVII. **Effect of Fiber Loading on the Mechanical Properties of Kenaf and Fiberfrax Fiber-reinforced Phenol-Formaldehyde Composites**  
Ozturk S.  
JOURNAL OF COMPOSITE MATERIALS, vol.44, no.19, pp.2265-2288, 2010 (SCI-Expanded)
- XXVIII. **Properties of the aftershock sequences of the 2003 Bingol, M-D=6.4, (Turkey) earthquake**  
ÖZTÜRK S., ÇINAR H., BAYRAK Y., KARSLI H., DANIEL G.  
PURE AND APPLIED GEOPHYSICS, vol.165, no.2, pp.349-371, 2008 (SCI-Expanded)
- XXIX. **Hot wear properties of ceramic and basalt fiber reinforced hybrid friction materials**  
Ozturk B., ARSLAN F., Ozturk S.  
TRIBOLOGY INTERNATIONAL, vol.40, no.1, pp.37-48, 2007 (SCI-Expanded)
- XXX. **The effect of fibre content on the mechanical properties of hemp and basalt fibre reinforced phenol formaldehyde composites**  
Ozturk S.  
JOURNAL OF MATERIALS SCIENCE, vol.40, no.17, pp.4585-4592, 2005 (SCI-Expanded)
- XXXI. **Effect of process parameters on production of metal powders by water jet cooled rotating disc atomisation**  
Ozturk S., ARSLAN F., OZTURK B.  
POWDER METALLURGY, vol.48, no.2, pp.163-170, 2005 (SCI-Expanded)
- XXXII. **Effect of production parameters on cooling rates of AA2014 alloy powders produced by water jet cooled, rotating disc atomisation**  
Ozturk S., ARSLAN F., OZTURK B.  
POWDER METALLURGY, vol.46, no.4, pp.342-348, 2003 (SCI-Expanded)
- XXXIII. **Rotating disc production of aluminum alloy ribbon**  
ARSLAN F., Ozturk S., OZTURK B.  
INTERNATIONAL JOURNAL OF POWDER METALLURGY, vol.39, no.2, pp.53-62, 2003 (SCI-Expanded)
- XXXIV. **Production of rapidly solidified metal powders by water cooled rotating disc atomisation**  
Ozturk S., ARSLAN F.  
POWDER METALLURGY, vol.44, no.2, pp.171-176, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Production of AA 2024 Aluminum Alloy Ribbons by Melt Spinning Process**  
ÖZTÜRK S., SÜN BÜL S. E., İCİN K., ÖZTÜRK B.  
Turkish Journal of Electromechanics & Energy, no.2, pp.14-19, 2017 (Peer-Reviewed Journal)
- II. **Effect of Chill Wheel Cooling on Magnetic Properties of Nd15Fe77B8 Alloy Powders Produced by Melt Spinning Method**  
ÖZTÜRK S., İCİN 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)
- III. **Effect of Chill Wheel Cooling on Magnetic Properties of Nd15Fe77B8 Alloy Powders Produced by Melt Spinning Method**  
ÖZTÜRK S., İCİN 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)
- IV. **Effect of Chill Wheel Cooling on Magnetic Properties of Nd15Fe77B8 Alloy Powders Produced by Melt Spinning Method**  
ÖZTÜRK S., İCİN 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. **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
- II. **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
- 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. **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
- V. **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
- VI. **Hydrogenation Behavior and Microstructure Evolution of Intermetallic Mg<sub>2</sub>Ni 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
- VII. **MELT SPINNING YÖNTEMİYLE ÜRETİLEN CuAl<sub>10</sub>Ni<sub>5</sub>Fe<sub>4</sub> 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
- VIII. **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
- IX. **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
- X. **Preparation of SrFe<sub>12</sub>O<sub>19</sub> Powders with Mechanochemical 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
- XI. **Co Katkılı Nd<sub>15</sub>Fe<sub>76</sub>Co<sub>2</sub>B<sub>8</sub> Manyetik Alaşımın Yapısal ve Fiziksel Özelliklerinin İncelenmesi**  
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.113-114
- XII. **Investigation of Hydriding Properties of Mg<sub>80</sub>-Ni<sub>20</sub> 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
- XIII. **Production of Rapidly Solidified Mg Based Alloy Ribbons by Melt Spinning Method**

ÖZTÜRK S., SÜNBÜL S. E., İCİN 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

- XIV. **Importance of Microstructure and Powder Size on The Magnetic Features of Nd<sub>15</sub>Fe<sub>77</sub>B<sub>8</sub> Spherical Shaped Powder**  
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.112
- XV. **Mg<sub>60</sub>Ni<sub>40</sub> 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
- XVI. **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
- XVII. **Analytical Hierarchy Process in Material Selection**  
ÖZTÜRK B., İCİN K., ŞAHİN Ö., GÖLBAŞI Z., ÖZTÜRK S.  
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 October 2017, pp.693-700
- XVIII. **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
- XIX. **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
- XX. **MICROSTRUCTURAL INVESTIGATION OF RAPIDLY SOLIDIFIED Cu(100-x)Al<sub>13</sub>Mn<sub>x</sub> (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
- XXI. **Effects of Tin on the Mechanical and Tribological Preoperties of Titanium-Based Implant Materials**  
ÖZTÜRK B., GÖLBAŞI Z., ÖZTÜRK S.  
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017, pp.512-520
- XXII. **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
- XXIII. **Effects of Tin on the Mechanical and Tribological Properties of Titanium-Based Implant Materials**  
ÖZTÜRK B., GÖLBAŞI Z., ÖZTÜRK S.  
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017, pp.456-464
- XXIV. **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
- XXV. **Effect of Wheel Cooling on Magnetic Propeties of Nd<sub>15</sub>Fe<sub>77</sub>B<sub>8</sub> Alloy Powders Produced by Melt Spinning Method**

- ÖZTÜRK S., İCİN K., ÖZTÜRK B., Topal U., KAFTELEN ODABAŞI H.  
4th international conference on materials science and nanotechnology for next generation, Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.61
- XXVI. **Effect of Wheel Cooling on Magnetic Properties of Nd<sub>15</sub>Fe<sub>77</sub>B<sub>8</sub> Alloy Powders Produced by Melt Spinning Method**  
ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U., Kaftelen Odabaşı H.  
4Th International Conference On Materials Science And Nanotechnology For Next Generation, Saraybosna, Bosnia And Herzegovina, 28 - 30 June 2017, pp.63
- XXVII. **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.  
4Th International Conference On Materials Science And Nanotechnology For Next Generation, Saraybosna, Bosnia And Herzegovina, 28 - 30 June 2017, pp.62
- XXVIII. **Bonding Strength and Fuel Leakage Tests for Crofer®22 APU Solid Oxide Fuel Cell Interconnects**  
ÖZTÜRK B., TOPCU A., ÖZTÜRK S., CORA Ö. N.  
International Hydrogen Technologies Congress (IHTEC2017, 15 - 18 March 2017
- XXIX. **Bonding Strength and Fuel Leakage Tests for Crofer®22 Solid Oxide Fuel Cell Metallic Interconnects”, ADANA, TÜRKİYE, 15-18 Mart 2017, pp.287-293**  
ÖZTÜRK B., TOPCU A., ÖZTÜRK S., CORA Ö. N.  
Second International Hydrogen Technologies Congress, Adana, Turkey, 15 - 18 March 2017, pp.287-293
- XXX. **Bonding Strength and Fuel Leakage Tests for Crofer®22 Solid Oxide Fuel Cell Metallic Interconnects**  
ÖZTÜRK B., TOPCU A., ÖZTÜRK S., CORA Ö. N.  
Second International Hydrogen Technologies Congress, Adana, Turkey, 15 - 18 March 2017, pp.287-293
- XXXI. **Hızlı Katılaştırılmış Nd Fe B Sert Manyetik Tozların Yapısal Termal Ve Manyetik Karakterizasyonu**  
ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U., Kaftelen Odabaşı H.  
International Energy & Engineering Conference, 13 October 2016
- XXXII. **Improvement Of Magnetic Properties Of Melt Spun Produced Nd<sub>2</sub>Fe<sub>14</sub>B Particles During Surfactant Assisted Ball Milling**  
ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U., Kaftelen Odabaşı H.  
International Energy & Engineering Conference, 13 - 14 October 2016
- XXXIII. **STRUCTURAL THERMAL AND MAGNETIC CHARACTERIZATION OF RAPIDLY SOLIDIFIED Nd Fe B HARD MAGNETIC ALLOY POWDER**  
ÖZTÜRK S., İCİN K., ÖZTÜRK B., Topal U., KAFTELEN ODABAŞI H.  
INTERNATIONAL ENERGY & ENGINEERING CONFERENCE, Gaziantep, Turkey, 13 - 14 September 2016, pp.67-80
- XXXIV. **IMPROVEMENT OF MAGNETIC PROPERTIES OF MELT-SPUN PRODUCED Nd<sub>2</sub>Fe<sub>14</sub>B PARTICLES DURING SURFACTANT-ASSISTED BALL MILLING**  
ÖZTÜRK S., İCİN K., ÖZTÜRK B., Topal U., KAFTELEN H.  
INTERNATIONAL ENERGY & ENGINEERING CONFERENCE, Gaziantep, Turkey, 13 - 14 October 2016, pp.220-227
- XXXV. **HIZLI KATILAŞTIRILMIŞ Nd-Fe-B SERT MANYETİK TOZLARIN YAPISAL, TERMAL VE MANYETİK KARAKTERİZASYONU**  
ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U., KAFTELEN H.  
INTERNATIONAL ENERGY & ENGINEERING CONFERENCE, Gaziantep, Turkey, 13 - 14 October 2016, pp.68-81
- XXXVI. **MELT SPİNNİNG METODUYLA AA6060 ALUMİNYUM ALAŞIMI TOZ ÜRETİMİNİN İNCELENMESİ**  
ÖZTÜRK S., SÜNBÜL S. E., İCİN K., ÖZTÜRK B., EROĞLU M.  
International Conference on Material Science and Technology, 6 - 08 April 2016
- XXXVII. **MELT SPINNING YÖNTEMİYLE AA6060 ALÜMİNYUM ALAŞIMI ŞERİT ÜRETİMİ VE İNCELENMESİ**  
ÖZTÜRK S., SÜNBÜL S. E., İCİN K., ÖZTÜRK B., EROĞLU M.  
International Conferance on Materials Science and Technology in Cappadocia, Nevşehir, Turkey, 6 - 08 April 2016, pp.440-444
- XXXVIII. **TOZ METALURJİSİ ÜRETİM PARAMETRELERİNİN İNTERKONNEKTÖR PLAKALARIN FİZİKSEL ÖZELLİKLERİNE ETKİSİ**

ÖZTÜRK B., CORA Ö. N., ÖZTÜRK S., BAKAL A., TOPCU A.

International Conference on Material Science and Technology, 06 April 2016

XXXIX. **MELT SPİNNİNG YÖNTEMİYLE NdFeB MANYETİK TOZLARIN ÜRETİMİ VE KARAKTERİZASYONU**

ÖZTÜRK S., İCİN K., KAFTELEN H., ÖZTÜRK B., TOPAL U., METOĞLU A.

International Conference on Material Science and Technology, Nevşehir, Turkey, 6 - 08 April 2016, pp.428-433

XL. **EFFECT OF PRODUCTION PARAMETERS ON PHYSICAL PROPERTIES OF THE INTERCONNECT PLATES PRODUCED BY POWDER METALLURGY**

ÖZTÜRK B., CORA Ö. N., ÖZTÜRK S., BAKAL A., TOPCU A.

International Conference on Material Science and Technology in Cappadocia (IMSTEC 2016), Nevşehir, Turkey, 6 - 08 April 2016, pp.832-837

XLI. **INVESTIGATION OF THE MECHANICAL AND TRIBOLOGICAL PROPERTIES OF Ti-6Al-XNb ALLOYS**

Öztürk B., Gölbaşı Z., Cora Ö. N., ÖZTÜRK S.

International Porous and Powder Materials Symposium and Exhibition PPM 2015, İzmir, Turkey, 15 - 18

September 2015, pp.323-328

XLII. **PRODUCTION OF AA7075 ALUMINIUM ALLOY RIBBONS BY MELT SPINNING METHOD**

ÖZTÜRK S., METOĞLU A., İCİN K., ÖZTÜRK B.

International Porous Powder Materials Symposium and Exhibition, İzmir, Turkey, 15 - 18 September 2015, pp.141-145

XLIII. **Toz Metalurjisi Yöntemi ile Üretilen İnterkonnektör Plakaların Üretim Parametrelerinin Gözeneklilik ve Isıl Genleşme Katsayılarına Etkisi**

ÖZTÜRK B., YALÇIN Ö. F., CORA Ö. N., ÖZTÜRK S., GÖBÜLÜK M.

7th International Powder Metallurgy Conference and Exhibiton, Ankara, Turkey, 24 - 28 June 2014, pp.80-81

XLIV. **Nikel Tozu ile Üretilen Mikroyapılı Yüzeylerde Üretim Parametrelerinin Gözeneklilik ve Mikrosertliğe Etkisi**

ÖZTÜRK B., YALÇIN Ö. F., CORA Ö. N., ÖZTÜRK S., GÖBÜLÜK M.

7th International Powder Metallurgy Conference and Exhibiton, Ankara, Turkey, 24 June 2014 - 28 June 2015, pp.78-79

XLV. **Nikel Tozu ile Üretilen Mikroyapılı Yüzeylerde Üretim Parametrelerinin Gözeneklilik ve Mikrosertliğe Etkisi**

ÖZTÜRK B., YALÇIN Ö. F., CORA Ö. N., ÖZTÜRK S., GÖBÜLÜK M.

7th International Powder Metallurgy Conference and Exhibiton, Ankara, Turkey, 24 June 2014 - 28 June 2015, pp.78-79

XLVI. **Nikel Tozu ile Üretilen Mikroyapılı Yüzeylerde Üretim Parametrelerinin Gözeneklilik ve Mikrosertliğe Etkisi**

ÖZTÜRK B., YALÇIN Ö. F., CORA Ö. N., ÖZTÜRK S., GÖBÜLÜK M.

7th International Powder Metallurgy Conference and Exhibiton, Ankara, Turkey, 24 June 2014 - 28 June 2015, pp.78-79

XLVII. **Investigation of Production of Rapidly Solidified 304 Stainless Steel Ribbons by Melt Spinning Method**

ÖZTÜRK S., İCİN K., KAFTELEN H., ÖZTÜRK B., GÖBÜLÜK M.

7th International Powder Metallurgy Conference and Exhibition, Ankara, Turkey, 24 - 28 June 2014, pp.62-63

XLVIII. **HIZLI KATILAŞTIRILMIŞ MONEL 400 TOZUNUN PRESLENMDAVRANIŞININ İNCELENMESİ**

ÖZTÜRK S., ÖZTÜRK B., ERDEMİR F., PALACI Y.

6th International Powder Metallurgy Conference and Exhibition, Ankara, Turkey, 5 - 07 October 2011

XLIX. **Sinterleme parametrelerinin moNel 400 alaşımı tozundan üretilmiş parçaların mekanik özelliklerine etkisi**

ÖZTÜRK S., ÖZTÜRK B., ERDEMİR F., PALACI Y.

6th International Powder Metallurgy Conference, 5 - 07 October 2011



## Supported Projects

- ÖZTÜRK S., ÖZÇELİK B., TUBITAK Project, Elektrikli Araçlarda Yaygın Olarak Kullanılan Stronsiyum Hekza Ferrit Mıknatısların Yerli Kaynaklarla Üretimi Ve Özelliklerinin Geliştirilmesi, Continues
- ÖZTÜRK S., AKYOL S., SÜNBÜL S. E., İÇİN K., Project Supported by Higher Education Institutions, FeB Bazlı Camsı Metal Alaşımlarının Üretimi ve Özelliklerinin İncelenmesi, 2021 - 2024
- ÖZTÜRK S., İÇİN K., SÜNBÜL S. E., ALPTEKİN F., Project Supported by Higher Education Institutions, FeCoCuNiMn Yüksek Entropili Alaşımına Titanyum İlavesinin Elektrokimyasal Özellikleri Üzerindeki Etkisinin İncelenmesi, 2020 - 2023
- 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
- Öztürk S., Sözeri H., TUBITAK Project, Yüksek Hassasiyetli Manyetometre Uygulamaları İçin Fe-B Bazlı Camsı Metal Alaşımların Geliştirilmesi, 2019 - 2023
- ÖZTÜRK S., İÇİN K., SÜNBÜL S. E., ALPTEKİN F., AKYOL S., Project Supported by Higher Education Institutions, Nikel Alüminyum Bronzunun Eriyik Savurma Yöntemi ile Üretilmesi ve Özelliklerinin İncelenmesi, 2021 - 2022
- ÖZTÜRK S., İÇİN K., Project Supported by Higher Education Institutions, Stronsiyum Hekzaferrit Mıknatısların Yerli Selestit Cevheri Ve Tufal Kullanarak Tek Aşamada Üretimi Ve Özelliklerinin Geliştirilmesi, 2018 - 2022
- ÖZTÜRK S., İÇİN K., SÜNBÜL S. E., Project Supported by Higher Education Institutions, MgNi Esaslı Hidrojen Depolayan Şeritlerin Üretilmesi ve Özelliklerinin İncelenmesi, 2018 - 2022
- Öztürk S., TUBITAK Project, Hibrit Otomobillere Uygun Nd-Fe-B Esaslı Sert (Süreklili) Mıknatısların Üretimi ve Özelliklerinin Geliştirilmesi, 2019 - 2021
- ÖZTÜRK S., İÇİN K., SÜNBÜL S. E., SEZER R., Project Supported by Higher Education Institutions, Mg(2-x)NiMx (x=at% 0,05, 0,1, 0,2; M=Fe, Ti, Ag) Alaşımlarının Eriyik Savurma Yöntemiyle Üretilmesi ve Elektrokimyasal Hidrojen Depolama Özelliklerinin İncelenmesi, 2019 - 2021
- ÖZTÜRK S., İÇİN K., SÜNBÜL S. E., Project Supported by Higher Education Institutions, Elektrikli Araçlarda Yaygın Olarak Kullanılan Stronsiyum Hekzaferrit Mıknatısların Yerli Kaynaklarla Üretimi Ve Özelliklerinin Geliştirilmesi, 2019 - 2021
- ÖZTÜRK S., İÇİN K., SÜNBÜL S. E., SEZER R., Project Supported by Higher Education Institutions, Ferromanyetik Şekil Hafızalı CuAlMn Alaşımlarının 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
- ÖZTÜRK S., ŞAHİN Ö. S., İÇİN K., Project Supported by Higher Education Institutions, Element Katkılı NdFeB Esaslı Sert Mıknatısların Üretimi ve Özelliklerinin İncelenmesi, 2017 - 2018
- ÖZTÜRK S., İÇİN 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
- İÇİN K., ÖZTÜRK S., TUBITAK Project, Hızlı Katılaştırma Yönteminde Kullanılan Melt Spinning Cihazında Döner Diskin Soğutma Sisteminin Geliştirilmesi, 2015 - 2016
- ÖZTÜRK S., Project Supported by Higher Education Institutions, Toz Metalurjisi ve Metal Şerit Yöntemleriyle Şekil Bellekli Alaşımların Üretimi ve Özelliklerinin İncelenmesi, 2013 - 2016
- ÖZTÜRK S., Project Supported by Higher Education Institutions, Toz Metalurjisi Yöntemiyle Co-Cr-Mo Esaslı İmplant Malzeme Üretimi ve Mekanik Özelliklerin İncelenmesi, 2012 - 2015
- ÖZTÜRK S., Project Supported by Higher Education Institutions, Su Jeti Soğutmalı Döner Disk Atomizasyonu Yöntemiyle Ni Esaslı Süper Alaşımı (Monel 400) Şerit Üretilmesi, 2011 - 2012
- ÖZTÜRK S., Project Supported by Higher Education Institutions, Toz Metalurji Yöntemiyle Parça Üretimi ve Mekanik Özelliklerinin İncelenmesi, 2009 - 2012

## **Metrics**

Publication: 89

Citation (WoS): 589

Citation (Scopus): 717

H-Index (WoS): 13

H-Index (Scopus): 14