

# Prof. BÜLENT ÖZTÜRK

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 154288

## Education Information

Post Doctorate, Virginia Commonwealth University, Mühendislik Fakültesi, Makine Mühendisliği, United States Of America  
2010 - 2011

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1998 -  
2004

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1994 -  
1998

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1990 - 1994

## Certificates, Courses and Trainings

Education Management and Planning, Erasmus, Vienna University of Technology, 2009

## Dissertations

Doctorate, Hibrid Kompozit Kavrama Balatası Üretimi ve Üretilen Balataların Tribolojik Özelliklerinin İncelenmesi,  
Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 2004

Postgraduate, Konsantrik Üç Borulu, Zıt Akışlı Isı Eşanjörlerinin Teorik Olarak İncelenmesi, Karadeniz Technical  
University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 1998

## Research Areas

Tribology, Plastic Forming Methods, Metallurgical and Materials Engineering, Material science and engineering, Testing  
and Control of Materials, Mechanical Properties, Composites, Powder Metallurgy

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2018 - Continues  
Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2013 -  
2018

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2007 - 2013

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2000 - 2005

Research Assistant, Mustafa Kemal Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği, 1998 - 2000

## Academic and Administrative Experience

Karadeniz Technical University, Metalurji Ve Malzeme Mühendisliği, 2009 - 2015

## Advising Theses

Öztürk B., Alüminyum esaslı açık hücreli metalik köpüklerin yapısal ve mekanik özelliklerinin ve termal performansının incelenmesi, Doctorate, Z.GÖLBAŞI(Student), 2023

Öztürk B., Al 2024 alaşımının mikro ark oksidasyon yöntemiyle farklı katkı maddeleri ilave edilerek kaplanması, tribolojik özelliklerinin ve korozyon davranışının incelenmesi, Postgraduate, A.KILIÇ(Student), 2023

Öztürk B., Mikro ark oksidasyon işlemi ile kaplanmış 3003 alüminyum alaşımının yapısal ve tribolojik özelliklerinin incelenmesi, Postgraduate, P.SEZGİN(Student), 2022

Öztürk B., Dolgu Malzemesi Türü ve Oranlarının Elyaf Takviyeli Kompozit Malzemelerin Erozyon Aşınma Davranışına Etkisi, Postgraduate, Y.Selim(Student), 2020

Öztürk B., Mikro ark oksidasyon işlemi uygulanmış Ti6Al4V alaşımının yapısal ve tribolojik özelliklerinin incelenmesi, Postgraduate, E.YELKENCİ(Student), 2020

Öztürk B., Mikro ark oksidasyon işleminde grafit ilavesinin AA-2024 alüminyum alaşımının yüzey özelliklerine etkisi ve aşınma davranışının incelenmesi, Postgraduate, A.OKTAY(Student), 2020

Öztürk B., Toz Metalurjisi Üretim Parametrelerinin Gözeneklilik, Mikrosertlik ve Isıl Genleşme Katsayısına Etkileri, Postgraduate, Ö.Faruk(Student), 2015

Öztürk B., Katı Yağlayıcı ve Aşındırıcı Bileşenlerin Fenolik reçine esaslı fren balatalarının mekanik ve tribolojik özelliklerine etkileri, Postgraduate, A.Alper(Student), 2015

Öztürk B., Toz Metalurjisi Yöntemiyle Üretilen Gözenekli Titanyum Esaslı İmplant Malzemelerin mekanik ve tribolojik özelliklerinin incelenmesi, Postgraduate, Z.Gölbaşı(Student), 2014

## 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. **Experimental investigation of the melting performance of a low porosity metal foam/PCM composite heat sink in various configurations**  
Öztürk B., Gölbaşı Z., Yazıcı M. Y.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.149, 2023 (SCI-Expanded)
- III. **Mechanical, wear and corrosion behavior of Ti-6Al-xNb (x=3.5-21 wt%) alloys manufactured by powder metallurgy**  
GÖLBAŞI Z., ÖZTÜRK B., SÜNBÜL S. E., İÇİN K.  
POWDER TECHNOLOGY, vol.426, 2023 (SCI-Expanded)
- IV. **Performance evaluation of machined and powder metallurgically fabricated Crofer (R) 22 APU interconnects for SOFC applications**  
Topcu A., ÖZTÜRK B., CORA Ö. N.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.5, pp.3437-3448, 2022 (SCI-Expanded)
- V. **Influence of processing parameters on the porosity, thermal expansion, and oxidation behavior of**

**consolidated Fe22Cr stainless steel powder**

ÖZTÜRK B., Topcu A., CORA Ö. N.

POWDER TECHNOLOGY, vol.382, pp.199-207, 2021 (SCI-Expanded)

- VI. **Improvement of solid particle erosion resistance of helicopter rotor blade with hybrid composite shield**  
Özen İ., Gedikli H., Öztürk B.  
ENGINEERING FAILURE ANALYSIS, vol.121, 2021 (SCI-Expanded)
- VII. **Erosive wear characteristics of E-glass fiber reinforced silica fume and zinc oxide-filled epoxy resin composites**  
ÖZTÜRK B., GEDİKLİ H., Kilicarslan Y. S.  
POLYMER COMPOSITES, vol.41, no.1, pp.326-337, 2020 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **Effects of Zinc Borate and Fly Ash on the Mechanical and Tribological Characteristics of Brake Friction Materials**  
ÖZTÜRK B., MUTLU T.  
TRIBOLOGY TRANSACTIONS, vol.59, no.4, pp.622-631, 2016 (SCI-Expanded)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **Hybrid Effect in the Mechanical Properties of Jute/Rockwool Hybrid Fibres Reinforced Phenol Formaldehyde Composites**

- Ozturk B.  
FIBERS AND POLYMERS, vol.11, no.3, pp.464-473, 2010 (SCI-Expanded)
- XIX. **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)
- XX. **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)
- XXI. **Investigation of milling characteristics of alumina powders milled with a newly designed vibratory horizontal attritor**  
Kilinc Y., Ozturk S., Ozturk B., Uslan I.  
POWDER TECHNOLOGY, vol.146, no.3, pp.200-205, 2004 (SCI-Expanded)
- XXII. **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)
- XXIII. **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)

## Articles Published in Other Journals

- I. **Investigation on Solid Particle Erosion Performance of Aluminum Alloy Materials for Leading-Edge Slat**  
Budur A. İ., Özen İ., Öztürk B., Gedikli H.  
Tribology in Industry, vol.46, no.1, pp.126-140, 2024 (Scopus)
- II. **Thermal expansion, porosity, and microhardness properties of solid oxide fuel cell metallic interconnects manufactured by powder metallurgy approach**  
Topcu A., Yalçın Ö. F., Öztürk B., Cora Ö. N.  
Turkish Journal of Electromechanics and Energy, vol.6, no.3, pp.123-130, 2021 (Peer-Reviewed Journal)
- III. **Aşındırıcı Türü ve Boyutunun Otomotiv Fren Balatalarının Sürtünme-Aşınma Performansına Etkisi**  
ÖZTÜRK B.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, no.2, pp.335-347, 2018 (Peer-Reviewed Journal)
- IV. **Production of AA 2024 Aluminum Alloy Ribbons by Melt Spinning Process**  
ÖZTÜRK S., SÜNBÜL S. E., İCİN 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., 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)
- VI. **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. **Performance Comparison of Machined from Bulk and Fabricated via Powder Metallurgy Approach**

## **Crofer®22 APU Interconnects for SOFC Applications**

TOPCU A., ÖZTÜRK B., CORA Ö. N.

12th INTERNATIONAL EXERGY, ENERGY AND ENVIRONMENT SYMPOSIUM (IEEES-12), DOHA, Qatar, 20 - 24 December 2020, pp.220-223

- II. **Katı Parçacık Erozyon Hasarının Katı Cisimler Mekaniği ve Akışkanlar Dinamiği ile Modellenmesi**  
BUDUR A. İ., GEDİKLİ H., ÖZTÜRK B.  
21.ULUSAL MEKANİK KONGRESİ, Niğde, Turkey, 2 - 06 September 2019, pp.819-827
- III. **DETERMINATION OF OPTIMUM FLOW FIELD FOR SOLID OXIDE FUEL CELL (SOFC) INTERCONNECTS UNDER SPECIFIED CONDITIONS**  
Topcu A., ÖZTÜRK B., Cora Ö. N.  
16th International Conference on Clean Energy (ICCE-2018), Famagusta, Cyprus (Kktc), 9 - 11 May 2018, pp.1-6
- IV. **Preparation of SrFe<sub>2</sub>O<sub>9</sub> Powders with Mechanochemical synthesis method**  
ÖZTÜRK S., ÇAKIL D. D., İCİN K., SEZER R., TOPAL U., ÖZTÜRK B.  
6th International Conference on Superconductivity and Magnetism, 29 April - 04 May 2018, no.1, pp.422
- V. **The Influence of milling Media on Structural and Magnetic properties of Strontium Hexaferrite Powders**  
ÖZTÜRK S., ÇAKIL D. D., İCİN 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
- VI. **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
- VII. **Production of Rapidly Solidified Mg Based Alloy Ribbons by Melt Spinning Method**  
ÖZTÜRK S., SÜNBLÜ 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
- VIII. **Investigation of Hydriding Properties of Mg<sub>80</sub>-Ni<sub>20</sub> Alloy Ribbons Produced by Melt Spinning Method**  
ÖZTÜRK S., SÜNBLÜ 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.143
- IX. **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., 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
- X. **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
- XI. **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
- XII. **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
- XIII. **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

### **XIV. 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

### **XV. 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

### **XVI. 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

### **XVII. 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

### **XVIII. Effect of 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.

4Th International Conference On Materials Science And Nanotechnology For Next Generation, Saraybosna, Bosnia And Herzegovina, 28 - 30 June 2017, pp.63

### **XIX. 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

### **XX. 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

### **XXI. 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

### **XXII. STRUCTURAL THERMAL AND MAGNETIC CHARACTERIZATION OF RAPIDLY SOLIDIFIED Nd Fe B HARD MAGNETIC ALLOY POWDER**

ÖZTÜRK S., İCİN K., ÖZTÜRK B., Topal U., KAFTELLEN ODABAŞI H.

INTERNATIONAL ENERGY & ENGINEERING CONFERENCE, Gaziantep, Turkey, 13 - 14 September 2016, pp.67-80

### **XXIII. HIZLI KATILAŞTIRILMIŞ Nd-Fe-B SERT MANYETİK TOZLARIN YAPISAL, TERMAL VE MANYETİK KARAKTERİZASYONU**

ÖZTÜRK S., İCİN K., ÖZTÜRK B., TOPAL U., KAFTELLEN H.

INTERNATIONAL ENERGY & ENGINEERING CONFERENCE, Gaziantep, Turkey, 13 - 14 October 2016, pp.68-81

### **XXIV. IMPROVEMENT OF MAGNETIC PROPERTIES OF MELT-SPUN PRODUCED Nd2Fe14B PARTICLES DURING SURFACTANT-ASSISTED BALL MILLING**

ÖZTÜRK S., İCİN K., ÖZTÜRK B., Topal U., KAFTELLEN H.

INTERNATIONAL ENERGY & ENGINEERING CONFERENCE, Gaziantep, Turkey, 13 - 14 October 2016, pp.220-227

### **XXV. MELT SPİNNİNG METODUYLA AA6060 ALUMINYUM 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

- XXVI. **MELT SPINNING YÖNTEMİYLE AA6060 ALÜMİNYUM ALAŞIMI ŞERİT ÜRETİMİ VE İNCELENMESİ**  
ÖZTÜRK S., SÜNBL S. E., İCİN K., ÖZTÜRK B., EROĞLU M.  
International Conference on Materials Science and Technology in Cappadocia, Nevşehir, Turkey, 6 - 08 April 2016, pp.440-444
- XXVII. **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
- XXVIII. **TOZ METALURJİSİ ÜRETİM PARAMETRELERİNİN İTERKONNEKTÖR 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
- XXIX. **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
- XXX. **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
- XXXI. **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
- XXXII. **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
- XXXIII. **Toz Metalurjisi Yöntemi ile Üretilen İterkonnektör 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
- XXXIV. **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
- XXXV. **Micro-manufacturing of 3-D porous surfaces-investigation on porosity and microhardness**  
CORA Ö. N., ÖZTÜRK B., KOÇ M.  
7th International Conference on MicroManufacturing ICOMM 2012, Evanston, Il, United States Of America, 11 - 14 March 2012, pp.520-525
- XXXVI. **Sinterleme parametrelerinin moNel 400 alaşımı tozundan üretilmiş parçaların mekanik özelliklerine etkisi**  
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- XXXVII. **HIZLI KATILAŞTIRILMIŞ MONEL 400 TOZUNUN PRESLENMDAVRANIŞININ İNCELENMESİ**  
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8th International Conference on Multi-Material Micro Manufacture (4M 2011), Stuttgart, Germany, 8 - 10 November 2011, pp.176-179

## **Supported Projects**

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Meriç D., Cora Ö. N., Gedikli H., Öztürk B., TUBITAK Project, Metalik Serit Ve Sürekli Elyaf Takviyeli, Yenilikçi Hibrit Kompozit Yapıların Üretimi ve Mekanik, Balistik, Yorulma, Titresim, Enerji Sönümlenme Performanslarının Belirlenmesi ve Optimizasyonu, 2023 - 2026

Gedikli H., Alemdağ Y., Pürçek G., Sofuoğlu H., Öztürk B., Bacaksız E., Çanakçı A., Budur A. İ., Varol T., Aslan M., et al., Project Supported by Higher Education Institutions, Soğuk püskürtme eklemeli üretim sisteminin tasarımı imalatı ve ileri mühendislik ürünü parça imalatına yönelik uygulamalar için geliştirilmesi, 2021 - 2024

ÖZTÜRK B., GÖLBAŞI Z., Project Supported by Higher Education Institutions, Metalik Köpük Üretimi ve Performans Değerlendirmeleri, 2018 - 2023

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

ÖZTÜRK B., CORA Ö. N., TUBITAK Project, Katı Oksit Yakıt Pillerinde (KOYP) Kullanılan Metalik İnterkonnektör Plakaların Toz Metalurjisi (T/M) Yöntemiyle Üretimi ve Performans Değerlendirmeleri, 2014 - 2017

ÖZTÜRK B., Project Supported by Higher Education Institutions, Ortopedik implant biyomalzemelerin mekanik ve tribolojik özelliklerinin incelenmesi, 2012 - 2014

ÖZTÜRK B., Project Supported by Higher Education Institutions, Düşük Sıcaklık Katı Oksit Yakıt Hücreleri (SOFC) İçin Mikro Kanallı Gözenekli Ara Bağlantı Elemanlarının Üretimi, 2010 - 2011

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## **Scientific Refereeing**

TUBITAK Project, December 2017

TUBITAK Project, May 2017

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## **Metrics**

Publication: 69



Citation (WoS): 392

Citation (Scopus): 474

H-Index (WoS): 9

H-Index (Scopus): 9

## **Non Academic Experience**

Virginia Commonwealth University

Vienna University of Technology