

## Prof. MUSTAFA ÖZGÜR ÖTEYAKA

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-1488-6098

Yoksis Researcher ID: 130432

### Education Information

Doctorate, Dumlupınar Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 2010 - 2013

Postgraduate, Laval Université, Mühendislik Fakültesi/Metalürji Ve Malzeme Mühendisliği, Metalürji Ve Malzeme Mühendisliği, Canada 2000 - 2003

Undergraduate, Eskişehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1996 - 2000

### Foreign Languages

English, B2 Upper Intermediate

French, C1 Advanced

### Dissertations

Doctorate, DIN 115CrV3 çeliğinden ısıtılmış, TiN ve CrN ile kaplamalı üretilen kesici uçların, mikroyapı ve kesme performansının incelenmesi, Dumlupınar Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), 2013

Postgraduate, Ca ve Sr katkılı AZ ve ZA magnezyum alaşımlarının sulu çözeltide korozyon etkisinin araştırılması, Laval Université, Mühendislik Fakültesi/Metalürji Ve Malzeme Mühendisliği, 2003

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Eskişehir Osmangazi University, Eskişehir Meslek Yüksekokulu, Elektronik ve Otomasyon, 2014 - Continues

Research Assistant, Dumlupınar Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2006 - 2014

### Academic and Administrative Experience

## Courses

BİLGİSAYAR DESTEKLİ TASARIM VE İMALAT, Associate Degree, 2017 - 2018, 2016 - 2017  
proje, Associate Degree, 2017 - 2018, 2016 - 2017  
İMALAT İŞLEMLERİ VE MALZEME BİLGİSİ, Associate Degree, 2017 - 2018  
İLERİ KOMPOZİT MALZEMELER, Postgraduate, 2017 - 2018  
MÜHENDİSLİK MALZEMELERİ, Undergraduate, 2017 - 2018, 2016 - 2017  
Uzmanlık alan dersi, Postgraduate, 2017 - 2018  
TEKNİK RESİM, Associate Degree, 2017 - 2018, 2016 - 2017  
BİLGİSAYAR DESTEKLİ TAKIM TEZGAHI, Associate Degree, 2017 - 2018  
3 BOYUTLU PROTOTİPLEME (SEÇMELİ DERS), Associate Degree, 2017 - 2018  
Havacılık Malzemeleri ve Karakterizasyonu, Postgraduate, 2016 - 2017

## Advising Theses

ÖTEYAKA M. Ö., The effect of cryogenic treatment on the mechanical and corrosion behaviors of aliminum alloys 2000 and 6000 series used in aviation, Postgraduate, K.BURAK(Student), 2020  
ÖTEYAKA M. Ö., Corrosion and wear characterization of cryogenic treated AM60 and AZ91 alloys, Postgraduate, B.GASSAMA(Student), 2020

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

- I. **Osteogenic Differentiation Capacity of Dental Pulp Stem Cells on 3D Printed Polyurethane/Boric Acid Scaffold**  
Çelebi-Saltık B., Babadag S., BALLIKAYA E., PAT S., ÖTEYAKA M. Ö.  
Biological Trace Element Research, vol.202, no.4, pp.1446-1456, 2024 (SCI-Expanded)
- II. **Co-and Triaxial Electrospinning for Stem Cell-based Bone Regeneration**  
ALTUNDAĞ Ö., ÖTEYAKA M. Ö., ÇELEBİ SALTİK B.  
Current Stem Cell Research and Therapy, vol.19, no.6, pp.865-878, 2024 (SCI-Expanded)
- III. **Modeling of cutting parameters in turning of PEEK composite using artificial neural networks and adaptive-neural fuzzy inference systems**  
Özden G., Öteyaka M. Ö., Cabrera F. M.  
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.36, no.2, pp.493-509, 2023 (SCI-Expanded)
- IV. **Chemical, structure and thermal characterisation of biowaste fish bone parts for orthopaedic coatings Caractérisation chimique, structurelle et thermique de pièces d'arêtes de poisson de biodéchets pour revêtements orthopédiques**  
ÖTEYAKA M. Ö., KÖSE E., HOŞGÜN S., AKSU S., Çinar E., EMİROĞLU Ö.  
Canadian Metallurgical Quarterly, 2023 (SCI-Expanded)
- V. **Influence of trivalent chromium process (TCP) concentration on the anti-corrosion protection of 2024-T3 aluminium alloy Influence de la concentration du procédé au chromium trivalent (TCP) sur la protection anticorrosion de l'alliage d'aluminium 2024-T3**  
Pehlivanoglu C., ÖTEYAKA M. Ö., Hoşgün E. Z.  
Canadian Metallurgical Quarterly, 2023 (SCI-Expanded)
- VI. **Corrosion behavior of graphene coated Ti-6Al-4 V alloy by anodic plasma coating method**  
PAT S., ÇAKIR F. H., ÖTEYAKA M. Ö.  
INORGANIC CHEMISTRY COMMUNICATIONS, vol.147, 2023 (SCI-Expanded)

- VII. **Corrosion behavior of SiC and FeCrC reinforced AISI 304 components fabricated by plasma wire arc additive manufacturing (P-WAAM)**  
Bayar İ., ÖTEYAKA M. Ö., Çakir E., ULUTAN M.  
Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2023 (SCI-Expanded)
- VIII. **Physico-chemical Properties and In vitro Cellular Response of Electrospun Polyurethane Nanofibers Enriched with Copper Chloride and Natural Fish Head Powder**  
ÇELEBİ SALTİK B., Hacıomeroglu Z., KART D., Unal H. H., ÖTEYAKA M. Ö.  
FIBERS AND POLYMERS, vol.23, no.11, pp.3028-3038, 2022 (SCI-Expanded)
- IX. **The Effect of Strontium Content on the Corrosion Behavior of New Biodegradable Mg-1Ca-1Y Composite for Implant Application**  
ÖTEYAKA M. Ö., Apaydin F., Apaydin S.  
POWDER METALLURGY AND METAL CERAMICS, vol.61, no.1-2, pp.107-118, 2022 (SCI-Expanded)
- X. **The effect of deep cryogenic treatment on the wear properties of AZ91 magnesium alloy in dry and in 0.9 wt% NaCl medium**  
Gassama B., Ozden G., Öteyaka M. Ö.  
Sadhana - Academy Proceedings in Engineering Sciences, vol.47, no.1, 2022 (SCI-Expanded)
- XI. **Wear and corrosion characterisation of AISI 1030, AISI 1040 and AISI 1050 steel coated with Shielded Metal Arc Welding (SMAW) and Plasma Transfer Arc (PTA) methods**  
ÖTEYAKA M. Ö., Arslan A. E., ÇAKIR F. H.  
Sadhana - Academy Proceedings in Engineering Sciences, vol.46, no.3, 2021 (SCI-Expanded)
- XII. **Enhancing wear resistance of AISI 304 alloy with shot peening and investigation of corrosion behaviour in marine water**  
ÇAKIR F. H., ÖTEYAKA M. Ö., ER Ü., Bozkurt F.  
Transactions of the Institute of Metal Finishing, vol.99, pp.194-202, 2021 (SCI-Expanded)
- XIII. **Effect of Infill Ratio on the Tensile and Flexural Properties of Unreinforced and Carbon Fiber-Reinforced Polylactic Acid Manufactured by Fused Deposition Modeling**  
ÖTEYAKA M. Ö., AYBAR K., Öteyaka H. C.  
Journal of Materials Engineering and Performance, vol.30, pp.5203-5215, 2021 (SCI-Expanded)
- XIV. **Artificial neural network modeling for prediction of cutting forces in turning unreinforced and reinforced polyamide**  
Özden G., Mata F., Öteyaka M. Ö.  
Journal of Thermoplastic Composite Materials, vol.34, pp.353-363, 2021 (SCI-Expanded)
- XV. **The Impact of Solution Treatment Time (T6) and Deep Cryogenic Treatment on the Microstructure and Wear Performance of Magnesium Alloy AZ91**  
ÖTEYAKA M. Ö., Karahisar B., Öteyaka H. C.  
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.29, no.9, pp.5995-6001, 2020 (SCI-Expanded)
- XVI. **Influence of shallow and deep cryogenic treatment on the corrosion behavior of Ti6Al4V alloy in isotonic solution**  
ÖTEYAKA M. Ö., ÇAKIR F. H., ÇELİK O. N.  
MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION, vol.71, no.7, pp.1206-1215, 2020 (SCI-Expanded)
- XVII. **Influence of cryogenic treatment on the corrosion of AZ91 and AM60 magnesium alloys in an isotonic solution**  
Gassama B., ÖTEYAKA M. Ö.  
MATERIALS TESTING, vol.61, no.11, pp.1039-1044, 2019 (SCI-Expanded)
- XVIII. **Stem cell-based small-diameter vascular grafts in dynamic culture**  
ÇELEBİ SALTİK B., ÖTEYAKA M. Ö., Gokcinar-Yagci B.  
CONNECTIVE TISSUE RESEARCH, 2019 (SCI-Expanded)
- XIX. **Cardiac patch design: compatibility of nanofiber materials prepared by electrospinning method with stem cells**  
ÇELEBİ SALTİK B., ÖTEYAKA M. Ö.

TURKISH JOURNAL OF BIOLOGY, vol.40, no.2, pp.510-518, 2016 (SCI-Expanded)

- XX. **A Study on the Corrosion Behavior in Sea Water of Welds Aluminum Alloy by Shielded Metal Arc Welding, Friction Stir Welding and Gas Tungsten Arc Welding**  
ÖTEYAKA M. Ö., Ayrıture H.  
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.10, no.10, pp.8549-8557, 2015 (SCI-Expanded)
- XXI. **Performance analysis of unreinforced and reinforced polyetheretherketone with carbon/glass using polycrystalline diamond and K15 tools**  
Mata F., Ozel E., ÖTEYAKA M. Ö.  
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.28, no.7, pp.915-929, 2015 (SCI-Expanded)
- XXII. **Characterization of powdered fish heads for bone graft biomaterial applications**  
ÖTEYAKA M. Ö., Unal H. H., Bilici N., Tasci E.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.47, no.5, pp.359-365, 2013 (SCI-Expanded)
- XXIII. **Low Pressure Radio Frequency Ammonia Plasma Surface Modification on Poly(ethylene terephthalate) Films and Fibers: Effect of the Polymer Forming Process**  
Oteyaka M. Ö., Chevallier P., Turgeon S., Robitaille L., Laroche G.  
PLASMA CHEMISTRY AND PLASMA PROCESSING, vol.32, no.1, pp.17-33, 2012 (SCI-Expanded)
- XXIV. **Effect of Surface Modification by Ammonia Plasma on Vascular Graft: PET Film and PET Scaffold**  
ÖTEYAKA M. Ö., Chevallier P., Robitaille L., Laroche G.  
ACTA PHYSICA POLONICA A, vol.121, no.1, pp.125-127, 2012 (SCI-Expanded)
- XXV. **Corrosion behaviour of zinc and aluminum magnesium alloys by scanning reference electrode technique (SRET) and electrochemical noise (EN)**  
Klassen R., Roberge P., Lafront A., Oteyaka M. Ö., Ghali E.  
Canadian Metallurgical Quarterly, vol.44, no.1, pp.47-52, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A comparative study of the effect of polyurethane nanofiber and powders filler on the mechanical properties of carbon fiber and glass fiber composites**  
ÖTEYAKA M. Ö., AYBAR K., ÖTEYAKA H. C.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.28, no.1, pp.51-57, 2022 (ESCI)
- II. **Chemical and mechanical properties analysis of extruded polyvinyl chloride (PVC)/sepiolite composite**  
Öteyaka H. C., ÖTEYAKA M. Ö.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.4, 2019 (Peer-Reviewed Journal)
- III. **HAVACILIK ALANINDA ERİYİK YIĞMA MODELLEME UYGULAMASI: BOEING 737-800 MODEL UÇAĞIN 3 BOYUTLU ÖLÇEKLİ MODELLENMESİ**  
YAZAR I., gökçe c., ÖTEYAKA M. Ö.  
ULUSLARARASI 3B YAZICI TEKNOLOJİLERİ VE DİJİTAL ENDÜSTRİ, 2018 (Peer-Reviewed Journal)
- IV. **Ürün maliyetini azaltmak için ideal bakım yönetimi**  
Öteyaka H. C., ÖTEYAKA M. Ö., KÖSE R.  
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.2, no.2, pp.56-60, 2018 (Peer-Reviewed Journal)
- V. **ADHESIVE WEAR BEHAVIOR OF TIN AND CRNCOATED DIN115CRV3 STEEL TOOLS AT DIFFERENT LOAD CONDITIONS**  
ÖTEYAKA M. Ö., Yıldırım M. M., ULUTAN M., ÇELİK O. N.  
International Journal of Advances in Mechanical and Civil Engineering, vol.2, no.5, pp.1-4, 2015 (Peer-Reviewed Journal)
- VI. **Investigation of human mesenchymal stem cells culture on nanofibrous polyurethane scaffolds and films**  
ÇELEBİ SALTİK B., ÖTEYAKA M. Ö.

- Journal of Achievements in Materials and Manufacturing Engineering, vol.64, no.2, pp.53-61, 2014 (Scopus)
- VII. **On line wear characterization of TiN and CrN coated DIN115CrV3 steel for cutting tools application**  
ÖTEYAKA M. Ö., YILDIRIM M. M., ÇAKAN A.  
Archives of Materials Science and Engineering, vol.65, no.1, pp.24-31, 2014 (Scopus)
- VIII. **Statistical Analysis of Surface Roughness Parameters in Turning Peek Composites**  
FRANSCISCO M., ÖZEL E., ÖTEYAKA M. Ö., TEJERO J.  
International Journal of Materials Engineering and Technology, vol.9, no.1, pp.19-29, 2013 (Peer-Reviewed Journal)
- IX. **Experimental Study on Relationship of Applied Power And Feeding Rate on Production of Polyurethane Nanofibre**  
ÖTEYAKA M. Ö., ÖZEL E., YILDIRIM M. M.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.26, no.4, pp.611-618, 2013 (Scopus)
- X. **Investigation of the surface properties of hardened and pvd coated din 115crv3 steel cutting tools application**  
ÖTEYAKA M. Ö., YILDIRIM M. M.  
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü dergisi, vol.32, pp.91-102, 2013 (Peer-Reviewed Journal)
- XI. **Corrosion Behaviour of AZ and ZA Magnesium Alloys in Alkaline Chloride Media**  
ÖTEYAKA M. Ö., GHALİ E., TREMBLAY R.  
International Journal of Corrosion, vol.2012, pp.1-10, 2012 (Scopus)

## Books & Book Chapters

- I. **CORROSION AND MECHANICAL BEHAVIOR OF 2000 AND 6000 SERIES ALUMINUM ALLOYS FOR AVIATION APPLICATION**  
Göçmen K. B., ÖTEYAKA M. Ö.  
in: Current research in engineering, Assoc.Prof.Dr.Selahattin Bardak, Editor, Gece Kitaplığı, Ankara, pp.72-92, 2022
- II. **CELL CULTURE ON POLYURETHANE NANOFIBROUS SCAFFOLD**  
ÖTEYAKA M. Ö.  
in: Research & Reviews in Engineering - II, Assoc. Prof. Dr. Selahattin Bardak, Assist. Prof. Dr. Nesli Aydın, Assist. Prof. Dr. Yalçın Boztoprak, Editor, Gece Publishing, Ankara, pp.65-77, 2021
- III. **Chapter 81 Potentiodynamic Studies of Some AZ and ZA Magnesium Alloys in Different Corrosive Media (pages 517–523)**  
ÖTEYAKA M. Ö., LAFRONT A. M., GHALİ E., REAL T.  
in: Magnesium Proceedings of the 6th International Conference Magnesium Alloys and Their Applications, K. U. Kainer, Editor, Wiley-VCH, pp.517-523, 2004
- IV. **Chapter 104; Comparison of the Corrosion Behaviour Between Two Magnesium Alloys by Electrochemical Noise and Scanning Reference Electrode Technique**  
KLASSEN R., ROBERGE P., LAFRONT A. M., ÖTEYAKA M. Ö., GHALİ E.  
in: Magnesium Proceedings of the 6th International Conference Magnesium, Kainer KU, Editor, Wiley-VCH, pp.655-660, 2004

## Refereed Congress / Symposium Publications in Proceedings

- I. **CORROSION PERFORMANCE OF CRYOGENIC TREATED AZ91MAGNESIUM ALLOYS IN THE SIMULATED HUMAN BODY FLUID**  
gassama b., ÖTEYAKA M. Ö.  
KORSEM 18, 26 - 28 September 2018
- II. **CORROSION PERFORMANCE OF CHROMIUM (III) COATED ON AA2024 USED IN AEROSPACE INDUSTRY**  
Pehlivanoglu C., HOŞGÜN E. Z., ÖTEYAKA M. Ö.

2nd International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 31 March 2022

- III. **Cryogenic treatment effect on the mechanical and corrosion properties of 2024 aluminum alloy**  
Göçmen K. B., ÖTEYAKA M. Ö.  
2nd International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 31 March 2022
- IV. **THE CORROSION BEHAVIOR OF MG-1CA-1Y- XSR (X: 0.5, 1, 1.5, AND 2 WT.) MAGNESIUM COMPOSITE FABRICATED BY MECHANICAL ALLOYING**  
ÖTEYAKA M. Ö., APAYDIN F., Apaydin Ş.  
5nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'20), Nevşehir, Turkey, 16 - 18 October 2020
- V. **FABRICATION OF MG-1CA-1Y-XSR (X=0.5, 1, 1.5, AND 2 WT.) COMPOSITE BY MECHANICAL ALLOYING FOR BIOMEDICAL APPLICATION**  
APAYDIN F., Apaydin Ş., ÖTEYAKA M. Ö.  
5nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'20), Nevşehir, Turkey, 16 - 18 October 2020
- VI. **Adaptive Neural Fuzzy Inference System Modeling for Cutting Force Prediction in Turning of Peek Composites**  
ÖZDEN G., ÖTEYAKA M. Ö., MATA F.  
5th International Congress on Engineering, Architecture and Design, 21 - 22 December 2019
- VII. **Dry and Wet Wear Behaviour of Cryogenic Treated Magnesium Alloy**  
BASSADY G., ÖZDEN G., ÖTEYAKA M. Ö.  
International Conference on Nanoscience, Nanotechnology Advanced Materials, 29 - 30 September 2019
- VIII. **Prediction of Cutting Forces in the Turning of Unreinforced and Reinforced PA Using Artificial Neural Networks**  
ÖZDEN G., MATA F., ÖTEYAKA M. Ö.  
3rd International Mediterranean Science and Engineering Congress, 24 - 26 October 2018
- IX. **Yaşlandırma ve kriyojenik ısıtma işlem görmüş AZ91 alaşımının aşınma özelliklerinin araştırılması**  
burak K., ÖTEYAKA M. Ö.  
Metal 2018, 23 - 25 May 2018
- X. **Ürün maliyeti azaltmak için ideal bakım yönetimi.**  
Öteyaka H. C., ÖTEYAKA M. Ö., KÖSE R.  
1 international Symposium on Innovative Approaches in Scientific studies, 11 - 13 April 2018
- XI. **HAVACILIK ALANINDA ERİYİK YIĞMA MODELLEME UYGULAMASI: BOEING 737-800 UÇAĞIN 3 BOYUTLU ÖLÇEKLİ MODELLENMESİ**  
Gökçe H. C., ÖTEYAKA M. Ö., YAZAR I.  
3rd International Congress on 3d Printing Technologies and Digital Industry 2018, 19 - 21 April 2018
- XII. **CORROSION OF ALUMINUM ALLOY 6061 JOINED BY SHIELDED METAL ARC WELDING (SMAW), FRICTION STIR WELDING (FSW) AND GAS TUNGSTEN ARC WELDING (GTAW) IN 3.5 WT. NaCl**  
ÖTEYAKA M. Ö., aytüre h., öteyaka H. c.  
CBU INTERNATIONAL CONFERENCE, 22 - 24 March 2017
- XIII. **Mechanical Behavior Analysis of Nano Materials Doped Fiber Glass Composite**  
ÖTEYAKA M. Ö.  
Conference of the International Journal of Arts Sciences, 23 - 26 May 2016
- XIV. **CHARACTERISATION OF PLANETARY MICRO MILLED SEPIOLITE MINERAL IN THE FABRICATION OF PVC COMPOSITE INDUSTRY**  
ÖTEYAKA M. Ö., öteyaka H. C.  
CBU International Conference, 23 - 26 March 2016
- XV. **INVESTIGATION OF LOW PRESSURE RADIO FREQUENCY AMMONIA PLASMA TREATMENT ON POLYPROPYLENE FILM AND FIBERS**  
ÖTEYAKA M. Ö., ROBİTAİLLE L., LAROCHE G.  
4th IASTEM International Conference, 12 November 2015
- XVI. **Adhesive Wear Behavior of TiN and CrN Coated DIN 115 CrV 3 Steel Tools at Different Load**

### Conditions

ÖTEYAKA M. Ö., YILDIRIM M. M., ULUTAN M., ÇELİK O. N.

International Conference on Chemical and Biochemical Engineering, 09 August 2015

**XVII. ADHESIVE WEAR BEHAVIOR OF TIN AND CRNCOATED DIN115CRV3 STEEL TOOLS AT DIFFERENT LOAD CONDITIONS**

ÖTEYAKA M. Ö., YILDIRIM M. M., ULUTAN M., ÇELİK O. N.

Proceedings of 8th ISERD International Conference, İstanbul, Turkey, 9 - 11 August 2015, pp.69-72

**XVIII. On Line Wear Characterization of TiN and CrN Coated DIN115CrV3 Steel For Cutting Tools**

ÖTEYAKA M. Ö., ÇAKAN A., YILDIRIM M. M.

Denizli Malzeme Sempozyumu, 15 - 20 October 2014, pp.44

**XIX. Investigation of human mesenchymal stem cells culture on nanofibrous polyurethane scaffolds and films**

ÖTEYAKA M. Ö., ÇELEBİ SALTİK B.

Denizli Malzeme Sempozyumu, 15 - 20 October 2014, vol.30

**XX. Mechanical and metallographical characterisation of DIN 115CrV3 steel as a potential candidate for cutting tools**

ÖTEYAKA M. Ö., YILDIRIM M. M.

14. Denizli Malzeme Sempozyumu, 10 - 12 October 2012

**XXI. The Effects of Power and Feeding Rate on Production of Polyurethane Nanofiber with Electrospinning Process**

ÖTEYAKA M. Ö., ÖZEL E., YILDIRIM M. M.

Advanced in Applied Physics and Materials Science Congress-APMAS, 12 - 14 May 2011

**XXII. Potentiodynamic studies of some AZ and ZA magnesium alloys in different corrosive media**

ÖTEYAKA M. Ö., LAFRONT A. M., TREMBLAY R., GHALİ E.

Proc. of inter. Conf. On magnesium alloys and their applications, 18-20 nov., Wolfsburg, Germany, 18 - 20 November 2003

**XXIII. Comparison of the corrosion behaviour between 2 magnesium alloys by electrochemical noise and scanning reference electrode technique**

ÖTEYAKA M. Ö., KLASSEN R., ROBERGE P., LAFRONT A. M., GHALİ E.

Proc. of inter. Conf. On magnesium alloys and their applications, 18-20 nov., Wolfsburg, Germany, 18 - 20 November 2003

**XXIV. Study of the corrosion of zinc and aluminium magnesium alloys by Electrochemical noise EN and Scanning Reference Electrode technique SRET**

LAFRONT A. M., ÖTEYAKA M. Ö., KLASSEN R., PIERRE R., EDWARD G.

NACE International Seminar, Northern Area, Montreal Sector, Quebec city, 26 - 27 November 2002

**XXV. Pitting corrosion of some magnesium alloy by Scanning Reference technique SRET**

ÖTEYAKA M. Ö., LAFRONT A. M., EDWARD G., REAL T.

NACE International Seminar, Northern Area, Montreal Sector, Quebec city, 26 - 27 August 2002

**XXVI. Pitting corrosion potential of magnesium alloys in different corrosive media**

ÖTEYAKA M. Ö., LAFRONT A. M., EDWARD G., REAL T.

NACE International Seminar, Northern Area, Montreal Sector, Quebec city, 26 - 27 August 2002

### Supported Projects

Öteyaka M. Ö., Çelebi Saltık B., Özden H., Üstüner M. C., BURUKOĞLU DÖNMEZ D., TÜBİTAK International Bilateral Joint Cooperation Program Project, Better Bones Regeneration – Development of Osteogenic Bioceramics Reinforced Tri-layer Electrospun Fibers , 2021 - 2024

ÖTEYAKA M. Ö., KARAHİSAR B., Project Supported by Higher Education Institutions, T6 ve derin kriyojenik ısıt işlemleri uygulanmış alüminyum esaslı magnezyum alaşımlarının mikroyapı aşınma ve deniz suyu korozyonu performansının incelenmesi, 2021 - 2023

Öztürk Körpe N., Öteyaka M. Ö., Özel E., Project Supported by Higher Education Institutions, Yeni Biyoçözünebilir Magnezyum (Mg)-İtriyum (Y) Esaslı İmplant Alaşım Malzeme Geliştirilmesi ve Korozyon Özelliklerinin İncelenmesi, 2017 - 2021

ÖTEYAKA M. Ö., Project Supported by Higher Education Institutions, Kriyojenik ısı işlem görmüş Al esaslı magnezyum alaşımlarının korozyon özelliklerinin incelenmesi, 2017 - 2019

ÖTEYAKA M. Ö., Project Supported by Higher Education Institutions, Elektrospinning Yöntemiyle Yönlendirilmiş Nanolif Üretimi ve Karakterizasyonu: Kompozit Uygulama, 2014 - 2016

ÖTEYAKA M. Ö., Project Supported by Higher Education Institutions, Elektrospinning yöntemiyle yönlendirilmiş Nanolif Üretimi ve karakterizasyonu Kompozit uygulama, 2014 - 2016

ÖTEYAKA M. Ö., Project Supported by Higher Education Institutions, Kompozit PVC/Nano-Sepiyolit Malzeme Üretimi ve Karakterizasyonu, 2014 - 2015

ÖTEYAKA M. Ö., Project Supported by Higher Education Institutions, Kompozit PVC Nano Sepiyolit malzeme üretimi ve karakterizasyonu, 2014 - 2015

## Metrics

Publication: 67

Citation (WoS): 91

Citation (Scopus): 118

H-Index (WoS): 6

H-Index (Scopus): 7

## Non Academic Experience

Laval Üniversite- Biyomedikdal plazma yüzey kaplama laboratuvarı

Rio Tinto - Kanada , Quebec

Laval Üniversitesi- Korozyon laboratuvarı

Eczacıbaşı-ARTEMA