

Prof. Yaşar TOTİK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri, Makine/İmalat Konstrüksiyon, Turkey 1997 - 2002

Postgraduate, Ataturk University, Fen Bilimleri, Makine/İmalat Konstrüksiyon, Turkey 1993 - 1997

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1989 - 1993

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İSG Eğitici Belgesi, Çalışma ve Sosyal Güvenlik Bakanlığı, 2005

Dissertations

Doctorate, Homojenizasyon Uygulanmış Alaşımı İngotlarda İşlenebilirliğin Konuma Bağlı Olarak Değişimi, Atatürk Üniversitesi, Fen Bilimleri, Makine/İmalat Konstrüksiyon, 2002

Postgraduate, Metal Alaşımı Seramik Filmlerde Mikroyapı ve Yapısal Değişimlerin Isıl İşleme Olan İlişkisinin Araştırılması, Atatürk Üniversitesi, Fen Bilimleri, Makine/İmalat Konstrüksiyon, 1997

Research Areas

Mechanical Engineering, Construction and Manufacturing, Tribology, Machine Elements, Machine Design, Computer Aided Design and Manufacturing, Material, Plastic Forming Methods, Metallurgical and Materials Engineering, Material science and engineering, Corrosion and Corrosion Protection, Plating, Engineering and Technology

Academic Titles / Tasks

Professor, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2011 - Continues

Associate Professor, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2006 - 2011

Assistant Professor, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2002 - 2006

Research Assistant PhD, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 1994 - 2002

Academic and Administrative Experience

University Executive Board Member, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2021 - Continues

Head of Department, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2021 - Continues

Academic Performance D. Board Member, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2021 - Continues

Fakülte Kurulu Üyesi, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2021 - Continues

Dean, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2020 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2020 - Continues

Fakülte Kurulu Üyesi, Ataturk University, Açıköğretim Fakültesi, -, 2019 - Continues

Fakülte Yönetim Kurulu Üyesi, Ataturk University, Açıköğretim Fakültesi, -, 2019 - Continues

Vice Dean, Ataturk University, Açıköğretim Fakültesi, 2019 - 2021

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2018 - 2019

Atatürk Üniversitesi, Mühendislik Fakültesi, Makine, 2017 - 2019

Director of the Center, Ataturk University, Rektörlük, Atatürk Üniversitesi İş Sağlığı ve Güvenliği Merkezi, 2016 - 2019

Program Koordinatörü, Ataturk University, Rektörlük, İŞ SAĞLIĞI VE GÜVENLİĞİ KURUM KOORDİNATÖRLÜĞÜ, 2016 - 2019

Atatürk Üniversitesi, Mühendislik Fakültesi, 2014 - 2016

Atatürk Üniversitesi, Mühendislik Fakültesi, 2012 - 2014

Atatürk Üniversitesi, Mühendislik Fakültesi, Makine, 2005 - 2009

Courses

Seçmeli Tasarım I, Undergraduate, 2022 - 2023

Bilgisayar Destekli Teknik Resim, Undergraduate, 2021 - 2022

Seçmeli Tasarım II, Undergraduate, 2021 - 2022

İşletmede Mesleki Eğitim*, Undergraduate, 2021 - 2022

Mühendislikte Mekanik Deneyler, Undergraduate, 2022 - 2023

İşletmede Mesleki Eğitim*, Undergraduate, 2021 - 2022

Bilgisayar Destekli Teknik Resim, Undergraduate, 2021 - 2022

Seçmeli Tasarım I, Undergraduate, 2022 - 2023

Mühendislikte Mekanik Deneyler, Undergraduate, 2022 - 2023

Uzmanlık Alan Dersi, Postgraduate, 2022 - 2023

Seçmeli Tasarım II, Undergraduate, 2021 - 2022

Uzmanlık Alan Dersi, Doctorate, 2022 - 2023

Bilgisayar Destekli Teknik Resim, Undergraduate, 2020 - 2021, 2018 - 2019

Makine Mühendisliği Seçmeli Tasarım-I, Undergraduate, 2021 - 2022

Bilgisayar Destekli Teknik Resim, Undergraduate, 2020 - 2021

Mühendislikte Mekanik Deneyler, Undergraduate, 2021 - 2022, 2019 - 2020

Bitirme Projesi I, Undergraduate, 2021 - 2022

BİTİRME PROJESİ-II, Undergraduate, 2020 - 2021

Bitirme Projesi-II, Undergraduate, 2020 - 2021

Makine Mühendisliği Seçmeli Tasarım-II , Undergraduate, 2020 - 2021

Makine Mühendisliği Seçmeli Tasarım-II , Undergraduate, 2020 - 2021

Bitirme Projesi-I, Undergraduate, 2021 - 2022

Mühendislikte Mekanik Deneyler, Undergraduate, 2021 - 2022
Makine Mühendisliği Seçmeli Tasarım-I, Undergraduate, 2021 - 2022
Bitirme Projesi-II, Undergraduate, 2020 - 2021
Makine Mühendisliği Seçmeli Tasarım-I , Undergraduate, 2020 - 2021
Makine Mühendisliği Seçmeli Tasarım-I , Undergraduate, 2020 - 2021
Mekanik Metalurji-I, Postgraduate, 2017 - 2018
Mekanik Metalurji-II, Postgraduate, 2017 - 2018, 2016 - 2017
İmal Usulleri-1, Undergraduate, 2016 - 2017
Mekanik Metalurji-I, Undergraduate, 2015 - 2016

Advising Theses

Totik Y., Magnezyum-Az91 Alaşımı Üzerine Plazma Elektrolitik Oksidasyon (PEO) Yöntemiyle Büyütülmüş Kompozit Kaplamaların Aşınma Davranışlarının İncelenmesi, Postgraduate, R.KÜÇÜKOSMAN(Student), 2019
Totik Y., Mikro ark oksidasyon (MAO) yöntemiyle kaplanmış Al₂O₃ alaşımının korozyon davranışının incelenmesi, Postgraduate, S.NALBANTOĞLU(Student), 2016
TOTİK Y., MAO yöntemi ile nikel-titanyum alaşımı üzerine TiO₂ kaplamasının büyütülmesi ve korozyon özelliklerinin incelenmesi, Postgraduate, K.AKAR(Student), 2015
TOTİK Y., NiTi alaşımının mikro ark oksidasyon (MAO) sonrası in-vitro özelliklerinin araştırılması, Postgraduate, S.ŞÜKÜROĞLU(Student), 2015
TOTİK Y., Mikroark oksidasyon (MAO) yöntemi ile kaplanmış Cp titanyumun aşınma, korozyon ve tribokorozyon davranışının araştırılması, Postgraduate, H.FARZI(Student), 2014
TOTİK Y., Manyetik sıçratma (CFUBMS) ve mikro ark oksidasyon (MAO) teknikleri ile Ti6Al4V alaşımının dubleks yüzey modifikasyonu, Doctorate, E.EMİNE(Student), 2014
TOTİK Y., Farklı yüzey pürüzlülüklerine sahip titanyumun (grade-2) termal oksidasyon sonrası korozyon ve aşınma direncinin incelenmesi, Postgraduate, E.Emine(Student), 2008
TOTİK Y., AISI 1045 çeliğinin fretting yorulmasına korozyon davranışına fosfat kaplamanın etkisi, Postgraduate, A.Çağlaroğlu(Student), 2006

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
Doctorate, Doctorate, Atatürk Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

2022

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, July, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, July, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2022
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Iğdır Üniversitesi, January, 2022
Associate Professor Exam, Associate Professor Exam, Isparta Uygulamalı Bilimler Üniversitesi, December, 2021
Associate Professor Exam, Associate Professor Exam, Alanya Alaaddin Keykubat Üniversitesi, December, 2021
Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, November, 2021
Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, November, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, September, 2021
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Atatürk Üniversitesi, September, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, August, 2021
Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2021
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, May, 2021
Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, May, 2021
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, May, 2021
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, April, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, April, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Fırat Üniversitesi, July, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Fırat Üniversitesi, June, 2020
Doctorate, Doctorate, Atatürk Üniversitesi, June, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gümüşhane Üniversitesi, May, 2020
Doctorate, Doctorate, Atatürk Üniversitesi, May, 2020
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, March, 2020
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, March, 2020
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, March, 2020
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, March, 2020
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, March, 2020
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, February, 2020
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, February, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2020
Doctoral Examination, Doktora Yeterlilik, Atatürk Üniversitesi, June, 2019
Post Graduate, Doktora , Atatürk Üniversitesi, April, 2019
Doctorate, Doktora , Atatürk Üniversitesi, April, 2019
Appointment to Academic Staff-Assistant Professorship, Akademik Kadro, Gümüşhane Üniversitesi, March, 2019
Post Graduate, YLS , Atatürk Üniversitesi, February, 2019
Post Graduate, YLS , Atatürk Üniversitesi, November, 2018
Appointment to Academic Staff-Assistant Professorship, Akademik Kadro, Atatürk Üniversitesi, November, 2018
Appointment to Academic Staff-Assistant Professorship, Akademik Kadro, Atatürk Üniversitesi, September, 2018

Post Graduate, Doçentlik Sınav Jürisi , ÜAK, May, 2016

Associate Professor Exam, Doçentlik Sınav Jürisi , ÜAK, May, 2016

Associate Professor Exam, Doçentlik Sınav Jürisi , ÜAK, May, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microstructure evolution and wear properties of ECAP-treated Al-Zn-Mg alloy: Effect of route, temperature and number of passes**
Yilmaz T. A., Totik Y., Lule Senoz G. M., Bostan B.
MATERIALS TODAY COMMUNICATIONS, vol.33, no.104628, pp.1-3, 2022 (SCI-Expanded)
- II. **Influence of sodium pentaborate (B₅H₁₀NaO₁₃) additive in plasma electrolytic oxidation process on WE43 magnesium alloys**
Şenocak T. Ç., Yılmaz T. A., Budak H. F., Gülten G., Yılmaz A. M., Ezirmik K. V., Totik Y.
MATERIALS TODAY COMMUNICATIONS, vol.30, pp.103157, 2022 (SSCI)
- III. **Evaluation of cytokines in protective effect of docosahexaenoic acid in experimental achilles tendinopathy rat model induced with type-1 collagenase**
Gundogdu K., Tasci S. Y., Gundogdu G., Kapakin K. A., TOTİK Y., Miloglu F.
Connective Tissue Research, vol.63, no.4, pp.393-405, 2022 (SCI-Expanded)
- IV. **Investigation of wear behavior of graphite additive composite coatings deposited by micro arc oxidation-hydrothermal treatment on AZ91 Mg alloy**
Kucukosman R., ŞÜKÜROĞLU E. E., TOTİK Y., ŞÜKÜROĞLU S.
SURFACES AND INTERFACES, vol.22, 2021 (SCI-Expanded)
- V. **Effects of graphene oxide addition on wear behaviour of composite coatings fabricated by plasma electrolytic oxidation (PEO) on AZ91 magnesium alloy**
Kucukosman R., ŞÜKÜROĞLU E. E., TOTİK Y., ŞÜKÜROĞLU S.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.35, no.3, pp.242-255, 2021 (SCI-Expanded)
- VI. **Effects of voltage on the components of surface integrity of Al(2)O(3) ceramic coatings on AA2024 by plasma electrolytic oxidation**
Matin R., TOTİK Y., ŞÜKÜROĞLU E. E., EFEOĞLU İ., Santos T. G.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.34, no.18, pp.1971-1981, 2020 (SCI-Expanded)
- VII. **Omega 3 (DHA) Treatment of Collagenase-Induced Achilles Tendinopathy in Rats: Analyses of Histopathological and Biomechanical Aspects**
Gundogdu K., Tasci S. Y., Gundogdu G., Kapakin K. A., Miloglu F. D., TOTİK Y.
ACTA PHYSIOLOGICA, vol.227, pp.42, 2019 (SCI-Expanded)
- VIII. **The adhesion and tribological properties of c-BN films deposited by high power impulse magnetron sputtering**
EFEOĞLU İ., TOTİK Y., KELEŞ A., Gulten G., Ersoy K., DURKAYA G.
Ceramics International, vol.45, no.3, pp.3000-3006, 2019 (SCI-Expanded)
- IX. **Differential scanning calorimetry (DSC) and Ni+2 release analysis of NiTi-shape-memory dental alloys coated by micro-arc oxidation (MAO) method**
YEŞİLDAL R., Karabudak F., Sukuroglu E. E., Sukuroglu S., ZAMANLOU H., BAYINDIR F., ŞEN S., TOTİK Y.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.124, no.8, 2018 (SCI-Expanded)
- X. **Adhesion and multipass scratch characterization of Ti:Ta-DLC composite coatings**
Cicek H., KELEŞ A., TOTİK Y., EFEOĞLU İ.
DIAMOND AND RELATED MATERIALS, vol.83, pp.80-86, 2018 (SCI-Expanded)
- XI. **Investigation of high temperature wear resistance of TiCrAlCN/TiAlN multilayer coatings over M2 steel**
Sukuroglu E. E., BARAN Ö., TOTİK Y., EFEOĞLU İ.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.32, no.13, pp.1428-1436, 2018 (SCI-Expanded)
- XII. **Determining the critical loads of V and Nb doped ternary TiN-based coatings deposited using**

CFUBMS on steels

KELEŞ A., Cicek H., BARAN Ö., TOTİK Y., EFEOĞLU İ.

SURFACE & COATINGS TECHNOLOGY, vol.332, pp.168-173, 2017 (SCI-Expanded)

- XIII. **The mechanical and tribological properties of Ti [Nb, V] N films on the Al-2024 alloy**
BARAN Ö., KELEŞ A., Cicek H., TOTİK Y., EFEOĞLU İ.
SURFACE & COATINGS TECHNOLOGY, vol.332, pp.312-318, 2017 (SCI-Expanded)
- XIV. **A comparative study of fatigue properties of TiVN and TiNbN thin films deposited on different substrates**
Cicek H., BARAN Ö., KELEŞ A., TOTİK Y., EFEOĞLU İ.
SURFACE & COATINGS TECHNOLOGY, vol.332, pp.296-303, 2017 (SCI-Expanded)
- XV. **The effect of TiO₂ coating on biological NiTi alloys after micro-arc oxidation treatment for corrosion resistance**
Sukuroglu E. E., Sukuroglu S., AKAR K., TOTİK Y., EFEOĞLU İ., ARSLAN E.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART H-JOURNAL OF ENGINEERING IN MEDICINE, vol.231, no.8, pp.699-704, 2017 (SCI-Expanded)
- XVI. **An Investigation of Corrosion Resistance and Antibacterial Sensitivity Properties of Nano-Ag-Doped Coating and Coating Grown on NiTi Alloy with the Micro-Arc Oxidation Process**
Karabudak F., YEŞİLDAL R., Sukuroglu E. E., Sukuroglu S., ZAMANLOU H., DİKBAŞ N., BAYINDIR F., ŞEN S., TOTİK Y.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.42, no.6, pp.2329-2339, 2017 (SCI-Expanded)
- XVII. **The effect of plasma electrolytic oxidation process parameters on the tribocorrosion properties of TiO₂ coatings**
Sukuroglu E. E., FARZI H., Sukuroglu S., TOTİK Y., ARSLAN E., EFEOĞLU İ.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.31, no.12, pp.1361-1373, 2017 (SCI-Expanded)
- XVIII. **The investigation of adhesion and fatigue properties of TiN/TaN multilayer coatings**
BARAN Ö., Sukuroglu E. E., EFEOĞLU İ., TOTİK Y.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.30, no.20, pp.2188-2200, 2016 (SCI-Expanded)
- XIX. **A low temperature in-situ crystalline TiNi shape memory thin film deposited by magnetron sputtering**
Cicek H., EFEOĞLU İ., TOTİK Y., EZİRMİK K. V., ARSLAN E.
SURFACE & COATINGS TECHNOLOGY, vol.284, pp.90-93, 2015 (SCI-Expanded)
- XX. **The effect of nitrogen flow rate on TiBN coatings deposited on cold work tool steel**
Cicek H., BARAN Ö., DEMIRCI E. E., TAHMASEBIAN M., TOTİK Y., EFEOĞLU İ.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.28, no.12, pp.1140-1148, 2014 (SCI-Expanded)
- XXI. **Adhesion and fatigue properties of Ti/TiB₂/MoS₂ graded-composite coatings deposited by closed-field unbalanced magnetron sputtering**
BIDEV F., BARAN Ö., ARSLAN E., TOTİK Y., EFEOĞLU İ.
SURFACE & COATINGS TECHNOLOGY, vol.215, pp.266-271, 2013 (SCI-Expanded)
- XXII. **Investigation of wear, corrosion and tribocorrosion properties of AZ91 Mg alloy coated by micro arc oxidation process in the different electrolyte solutions**
DEMIRCI E. E., ARSLAN E., EZİRMİK K. V., BARAN Ö., TOTİK Y., EFEOĞLU İ.
THIN SOLID FILMS, vol.528, pp.116-122, 2013 (SCI-Expanded)
- XXIII. **Wear and adhesion resistance of duplex coatings deposited on Ti6Al4V alloy using MAO and CFUBMS**
ARSLAN E., TOTİK Y., DEMIRCI E. E., EFEOĞLU İ.
SURFACE & COATINGS TECHNOLOGY, vol.214, pp.1-7, 2013 (SCI-Expanded)
- XXIV. **The investigation of the tribocorrosion properties of DLC coatings deposited on Ti6Al4V alloys by CFUBMS**
ARSLAN E., TOTİK Y., EFEOĞLU İ.
PROGRESS IN ORGANIC COATINGS, vol.74, no.4, pp.768-771, 2012 (SCI-Expanded)
- XXV. **Comparison of structure and tribological properties of MoS₂-Ti films deposited by biased-dc and pulsed-dc**

- ARSLAN E., TOTİK Y., EFEOĞLU İ.
PROGRESS IN ORGANIC COATINGS, vol.74, no.4, pp.772-776, 2012 (SCI-Expanded)
- XXVI. **The wear behaviour of duplex treated AISI 5140 steel**
TOTİK Y., ALSARAN A., ÇELİK A., EFEOĞLU İ.
INDUSTRIAL LUBRICATION AND TRIBOLOGY, vol.63, no.5, pp.344-349, 2011 (SCI-Expanded)
- XXVII. **Optimization of the coating parameters for micro-arc oxidation of Cp-Ti**
VANGOLU Y., ARSLAN E., TOTİK Y., DEMİRCİ E., ALSARAN A.
Surface and Coatings Technology, vol.205, no.6, pp.1764-1773, 2010 (SCI-Expanded)
- XXVIII. **Effect of annealing on adhesion of TiB₂ films deposited by pulsed magnetron sputtering**
ARSLAN E., TOTİK Y., ÇELİK A., EFEOĞLU İ.
SURFACE ENGINEERING, vol.26, no.8, pp.567-570, 2010 (SCI-Expanded)
- XXIX. **Investigation of the adhesion of NbN coatings deposited by pulsed dc reactive magnetron sputtering using scratch tests**
Totik Y.
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.7, no.4, pp.485-492, 2010 (SCI-Expanded)
- XXX. **Influence of Surface Roughness on Corrosion and Tribological Behavior of CP-Ti After Thermal Oxidation Treatment**
ARSLAN E., TOTİK Y., DEMİRCİ E., ALSARAN A.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.19, no.3, pp.428-433, 2010 (SCI-Expanded)
- XXXI. **High temperature friction and wear behavior of MoS₂/Nb coating in ambient air**
ARSLAN E., TOTİK Y., BAYRAK O. Ü., EFEOĞLU İ., ÇELİK A.
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.7, no.1, pp.131-137, 2010 (SCI-Expanded)
- XXXII. **High temperature wear behavior of aluminum oxide layers produced by AC micro arc oxidation**
ARSLAN E., TOTİK Y., DEMİRCİ E., VANGOLU Y., ALSARAN A., EFEOĞLU İ.
Surface and Coatings Technology, vol.204, pp.829-833, 2009 (SCI-Expanded)
- XXXIII. **The Fretting Fatigue of Commercial Hard Anodized Aluminum Alloy**
SADELER R., ATASOY S., ARICI A. A., TOTİK Y.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.18, no.9, pp.1280-1284, 2009 (SCI-Expanded)
- XXXIV. **CHARACTERIZATION OF TiB₂ COATING ADHERENCE BY A MULTI-PASS SCRATCH TESTING**
TOTİK Y., ARSLAN E., EFEOĞLU İ., KAYMAZ İ.
SURFACE REVIEW AND LETTERS, vol.16, no.3, pp.329-335, 2009 (SCI-Expanded)
- XXXV. **Evaluation of adhesion and fatigue of MoS₂-Nb solid-lubricant films deposited by pulsed-dc magnetron sputtering**
ARSLAN E., BARAN O., EFEOĞLU İ., TOTİK Y.
SURFACE & COATINGS TECHNOLOGY, vol.202, no.11, pp.2344-2348, 2008 (SCI-Expanded)
- XXXVI. **The effect of substrate on the wear behaviour of Ni electroplating coatings**
Totik Y.
KOVOVE MATERIALY-METALLIC MATERIALS, vol.46, no.5, pp.301-308, 2008 (SCI-Expanded)
- XXXVII. **The effect of manganese phosphate coating treatment on fretting fatigue strength of AISI 1045 steel**
TOTİK Y., CAGLAROĞLU A., SADELER R.
KOVOVE MATERIALY-METALLIC MATERIALS, vol.45, no.5, pp.275-281, 2007 (SCI-Expanded)
- XXXVIII. **The corrosion behaviour of manganese phosphate coatings applied to AISI 4140 steel subjected to different heat treatments**
Totik Y.
SURFACE & COATINGS TECHNOLOGY, vol.200, no.8, pp.2711-2717, 2006 (SCI-Expanded)
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