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ScopusID: 7004246058

Yoksis Researcher ID: 7624

Education Information

Post Doctorate, University of Manchester Institute of Science and Technology (UMIST), Manchester Materials Science Centre, Department of Materials, United Kingdom 1996 - 1997

Doctorate, University of Manchester Institute of Science and Technology (UMIST), Manchester Materials Science Centre, Department of Materials, United Kingdom 1993 - 1997

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), Turkey 1989 - 1991

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Metalurji Eğitimi, Turkey 1983 - 1987

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Superplastic Deformation of Zirconia Ceramics, University of Manchester Institute of Science and Technology (UMIST), 1997

Postgraduate, Yay Çeliklerinin Isıl İşlemi, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), 1991

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Ceramic Materials, Testing and Control of Materials, Composites, Material Characterization, Powder Metallurgy

Academic Titles / Tasks

Professor, Gazi University, Teknoloji Fakültesi, Metalurji ve Malzeme Mühendisliği, 2011 - Continues

Professor, Gazi University, Teknik Eğitim Fakültesi, Metalurji Eğitimi, 2006 - 2011
Associate Professor, Gazi University, Teknik Eğitim Fakültesi, Metalurji Eğitimi, 2000 - 2006
Assistant Professor, Gazi University, Teknik Eğitim Fakültesi, Metalurji Eğitimi, 1999 - 2000
Research Assistant, Gazi University, Teknik Eğitim Fakültesi, Metalurji Eğitimi, 1988 - 1999

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Gazi University, Teknoloji Fakültesi, 2019 - Continues
Fakülte Kurulu Üyesi, Gazi University, Teknoloji Fakültesi, 2019 - Continues
University Executive Board Member, Gazi University, 2019 - Continues
Member of the Senate, Gazi University, 2019 - Continues
Dean, Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, 2019 - 2023
Dean, Gazi University, Teknik Eğitim Fakültesi, 2019 - 2023
Dean, Gazi University, Teknoloji Fakültesi, 2019 - 2023
Misafir Profesör, University of Noretheastern, Department of Mechanical, 2010 - 2010
Misafir Profesör, University of California, Irvine, Department of Chemical Engineering and Materials Science, 2004 - 2004
Misafir Profesör, Michigan State University, Department of Materials Science, 2004 - 2004
Misafir Profesör, University of Noretheastern, Department of Mechanical, 2003 - 2003
Misafir Profesör, The University of Tokyo, Department of Advanced Materials Science, 2002 - 2002
Doktora Sonrası Çalışma (Post-Doctorate), Manchester Institute of Science and Technology, Institute of Science and Technology , Department of Materials, 1996 - 1997
Doktora, Manchester Institute of Science and Technology, Institute of Science and Technology, Department of Materials, 1992 - 1997

Courses

MEM-5431 İleri Mühendislik Seramikleri, Postgraduate
MEM-216 Malzeme Bilimi II, Undergraduate
MEM-215 Malzeme Bilimi I, Undergraduate
MEM-5571 Metalurjide Faz Diyagramları, Postgraduate
MEM-411 İşyeri Eğitimi, Undergraduate, 2020 - 2021, 2019 - 2020, 2015 - 2016
MEM-450 MEZUNİYET PROJESİ, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
83FBE5001 YÜKSEK LİSANS TEZİNE HAZIRLIK, Postgraduate, 2020 - 2021
83FBE5003 YÜKSEK LİSANS SEMİNER, Postgraduate, 2020 - 2021
MEM-412 TASARIM VE BİTİRME PROJESİ, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
MEM-322 FAZ DİYAGRAMLARI, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
MEM-400 MEZUNİYET TEZİ, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
MEM-219 MALZEME LABORATUARI, Undergraduate, 2017 - 2018, 2016 - 2017, 2014 - 2015
8011037 YÜKSEK LİSANS UZMANLIK ALAN DERSİ, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
5001037 YÜKSEK LİSANS TEZİ, Postgraduate, 2015 - 2016, 2014 - 2015
8011028 YÜKSEK LİSANS UZMANLIK ALAN DERSİ, Postgraduate, 2014 - 2015, 2013 - 2014
6001016 DOKTORA TEZİ, Doctorate, 2014 - 2015, 2013 - 2014, 2012 - 2013
5001028 YÜKSEK LİSANS TEZİ, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
9011016 DOKTORA UZMANLIK ALAN DERSİ, Doctorate, 2014 - 2015, 2013 - 2014, 2012 - 2013
9011037 DOKTORA UZMANLIK ALAN DERSİ, Doctorate, 2014 - 2015
5171337 METALURJİDE FAZ DİYAGRAMLARI, Postgraduate, 2014 - 2015, 2012 - 2013
MET-400 MEZUNİYET TEZİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

MET-101 MALZEME BİLİMİ VE LAB I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001
8011016 YÜKSEK LİSANS UZMANLIK ALAN DERSİ, Postgraduate, 2013 - 2014, 2012 - 2013
5001016 YÜKSEK LİSANS TEZİ, Postgraduate, 2013 - 2014, 2012 - 2013
MET-412 PROJE UYGULAMASI, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
MET-102 MALZEME BİLİM VE LAB. II, Undergraduate, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2004 - 2005, 2003 - 2004, 2002 - 2003
MET-411 PROJE TASARIMI, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
5081316 FAZ DİYAGRAMLARI, Postgraduate, 2012 - 2013
MEM-207 MALZEME BİLİMİ I, Undergraduate, 2011 - 2012
EE-101 MALZEME BİLİMİ, Undergraduate, 2010 - 2011
MET-201 MALZEME BİLGİSİ, Undergraduate, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003
MET-425 METAL DIŞI MALZEME (SERAMİK VE POL), Undergraduate, 2004 - 2005, 2003 - 2004, 2002 - 2003
MET-317 METAL DEKORASYON TEKNİKLERİ, Undergraduate, 2001 - 2002
MET-312 ÜRETİM İÇİN MALZEME TASARIMI, Undergraduate, 2000 - 2001

Advising Theses

TEKELİ S., Equal channel angular densification/pressing (ECAD/ECAP) method with the aluminium produced and analyzing the wear resistance of this material, Postgraduate, A.KOCA(Student), 2014
TEKELİ S., Methods of casting and produced by powder metallurgy AA 2014-Al4C3 investigation of wear behaviour of metal matrix composites, Postgraduate, A.TOPUZ(Student), 2012
TEKELİ S., Investigation of the effects of liquid metal movement on microstructure and mechanical properties of A356 aluminum cast alloys, Doctorate, T.TUNÇAY(Student), 2012
Tekeli S., Karataş Ç., Production of fine grained structures in aluminum powders by equal channel angular densification/pressing method and deformation behaviour of this material, Doctorate, M.TURAN(Student), 2012
TEKELİ S., Eşit kanal-açışal presleme yöntemi ile 7075 alüminyum alaşımlarında nano boyutlu tane üretimi ve mikroyapısal karakterizasyonun belirlenmesi, Postgraduate, A.AYTAÇ(Student), 2010
Salman S., Tekeli S., Baryum oksit ve lantanyum oksit katkılı kübik zirkonya seramikte mikroyapı, mekanik özellikler ve iyonik iletkenliğin incelenmesi, Doctorate, B.AKTAŞ(Student), 2008
TEKELİ S., IMPROVEMENT OF ROOM TEMPERATURE MECHANICAL PROPERTIES OF VARIOUS AMOUNT OF METAL OXIDE DOPING CUBIC ZIRCONIA (c-ZrO₂) USED AS ELECTROLYTE MATERIAL FOR SOLID OXIDE FUEL CELLS, Postgraduate, T.BOYACIOĞLU(Student), 2007
Tekeli S., Gürdal O., Farklı oranlarda Al₂O₃ katkılı % 8 mol yitria ile dengelenmiş kübik zirkonyada mikroyapı-elektriksel iletkenlik ilişkisi, Postgraduate, A.KAYIŞ(Student), 2006
TEKELİ S., Katı oksit yakıt hücrelerinde elektrolit malzemesi olarak kullanılan TiO₂ katkılı kübik zirkonyadaki faz dengesi ve iletkenliğin incelenmesi, Postgraduate, A.AKÇİMEN(Student), 2006
GÜRÜ M., TEKELİ S., Farklı oranlarda SiO₂ katkılı kübik zirkonyada (8YSCZ) sinterlenebilirlik ve statik tane büyümesinin incelenmesi, Postgraduate, O.EMRE(Student), 2006
Tekeli S., Kocatepe K., Köpük model döküm yönteminde döküm ve model parametrelerinin incelenmesi, Doctorate, N.YALÇIN(Student), 2006
TEKELİ S., Biçimlendirme sınır doğruları tekniği ile killerin şekillendirilebilirliğine yüzey koşullarının etkisi, Postgraduate, M.KILINÇ(Student), 2005
TEKELİ S., Biçimlendirme sınır doğruları tekniği ile killerin biçimlendirilebilirliğine deformasyon hızının etkisi, Postgraduate, B.İŞİK(Student), 2005
TEKELİ S., Ara kritik tavlama ısıl işlemlerinin düşük alaşımlı sade karbonlu toz metal çeliklere uygulanabilirliği ve mekanik özelliklere etkisinin araştırılması, Doctorate, A.GÜRAL(Student), 2004
TEKELİ S., Değişik oranlarda alümina katkılı kübik zirkonyadaki (8YSCZ) statik tane büyümesi ve bu malzemenin oda sıcaklığı mekanik özellikleri, Postgraduate, Ü.DEMİR(Student), 2004

TEKELİ S., %8 mol yitriya ile stabilize edilmiş kübik zirkonyanın sinterlenebilirliğine ve tane büyümesine çeşitli metal oksitlerin etkisinin incelenmesi, Postgraduate, B.AKTAŞ(Student), 2002

Tekeli S., Çetinkaya C., Alüminyum alaşımlarının kaynaklanabilirliği ve değişik parametrelerin mekanik özellikler ile mikroyapı üzerine etkisi, Postgraduate, O.KURTULUŞ(Student), 2001

Jury Memberships

Post Graduate, Post Graduate, Gazi Üniversitesi, July, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Other Aspects of the Impact Fracture Toughness-Microstructure Relationship in Nano-bainitic Steels**
Yoozbashi M. N., Zolfaghari R., Yazdani S., TEKELİ S.
Journal of Materials Engineering and Performance, vol.33, no.24, pp.14346-14354, 2024 (SCI-Expanded)
- II. **Correlation between the structural, morphological, optical, nanomechanical, and tribological properties of ZnO films by USPT with their photocatalytic activities**
Polat Gönüllü M., Çinici H., Çetinkaya C., Tekeli S., Bostan B., Çakıl D. D.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.1010, pp.1-11, 2024 (SCI-Expanded)
- III. **Evolution of microstructure and mechanical properties in multi-layer 316L-TiC composite fabricated by selective laser melting additive manufacturing**
Yazdani S., Tekeli S., Rabieifar H., Tasci U., Akbarzadeh E.
Journal of Central South University, vol.31, no.31, pp.2973-2991, 2024 (SCI-Expanded)
- IV. **Fracture and Wear Behavior of Functionally Graded 316L-TiC Composite Fabricated by Selective Laser Melting Additive Manufacturing**
Yazdani S., TEKELİ S., Rabieifar H., Akbarzadeh E.
Steel Research International, vol.95, no.9, 2024 (SCI-Expanded)
- V. **Influence of Annealing Heat Treatment on the Microstructure and Mechanical Properties of Multilayer 316L-TiC Composite Fabricated by Selective Laser Melting**
Yazdani S., TEKELİ S., YILMAZ T., ADANIR M. N.
Journal of Materials Engineering and Performance, 2024 (SCI-Expanded)
- VI. **Producing Nanobainite on Carburized Surface of a Low-Carbon Low-Alloy Steel**
Avishan B., Talebi P., TEKELİ S., Yazdani S.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.32, no.1, pp.211-220, 2023 (SCI-Expanded)
- VII. **Role of BaZrO₃ Phase on Microstructure and Ionic Conductivity of 8YSZ**
AKTAŞ B., Tekeli S., SALMAN S.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.31, no.11, pp.8981-8988, 2022 (SCI-Expanded)
- VIII. **Microstructure engineering for superior wear and impact toughness strength of hypereutectoid powder metallurgy steel**
Altuntaş O., Güral A., Tekeli S.
POWDER METALLURGY, vol.65, no.2, pp.101-111, 2022 (SCI-Expanded)
- IX. **Age-Hardening Responses of Al-Cu Alloy Powders Processed by Equal Channel Angular Pressing**
Sarıtaş G., Tekeli S., Taşkesen A., Demir Ü., Güral A.
Physics Of Metals And Metallography, vol.121, no.14, pp.114-124, 2020 (SCI-Expanded)
- X. **The Effects of Cr and Zr Additives on the Microstructure and Mechanical Properties of A356 Alloy**
TUNÇAY T., ÖZYÜREK D., Dışpınar D., TEKELİ S.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.73, no.5, pp.1273-1285, 2020 (SCI-Expanded)
- XI. **Ionic conductivity of MgAl₂O₄-doped 8YSZ ceramics**
Aktas B., TEKELİ S.
ARABIAN JOURNAL OF GEOSCIENCES, vol.12, no.15, 2019 (SCI-Expanded)

- XII. **Effects of Different Solid Solution Temperatures on Microstructure and Mechanical Properties of the AA7075 Alloy After T6 Heat Treatment**
TEKELİ S., Simsek I., Simsek D., ÖZYÜREK D.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.38, pp.892-896, 2019 (SCI-Expanded)
- XIII. **Shear bond strength of ceramic brackets bonded to surface-treated feldspathic porcelain after thermocycling**
ÇEVİK P., ERASLAN O., ESER K., TEKELİ S.
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, vol.41, no.3, pp.160-167, 2018 (SCI-Expanded)
- XIV. **Microstructure-bifilm interaction and its relation with mechanical properties in A356**
TUNÇAY T., TEKELİ S., ÖZYÜREK D., Dışpınar D.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.30, no.1, pp.20-29, 2017 (SCI-Expanded)
- XV. **Improvements in micro structural and mechanical properties of ZrO₂ ceramics after addition of BaO**
AKTAŞ B., TEKELİ S., SALMAN S.
CERAMICS INTERNATIONAL, vol.42, no.3, pp.3849-3854, 2016 (SCI-Expanded)
- XVI. **Production of nano-sized grains in powder metallurgy processed pure aluminum by equal channel angular densification (ECAD) and equal channel angular pressing (ECAP)**
Ipekci M. T., Gural A., TEKELİ S.
MATERIALS TESTING, vol.57, no.6, pp.580-584, 2015 (SCI-Expanded)
- XVII. **Electrical Conductivity of Boron Oxide-Doped Yttria-Stabilized Cubic Zirconia (8YSZ)**
Aktas B., Tekeli S.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1380-1383, 2015 (SCI-Expanded)
- XVIII. **Effect of Co₃O₄ on the Fracture Toughness and Microstructure of Yttria-Stabilized Cubic Zirconia (8YSZ)**
Aktas B., Tekeli S.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1384-1387, 2015 (SCI-Expanded)
- XIX. **Influence of Co₃O₄ addition on the ionic conductivity and microstructural properties of yttria-stabilized zirconia (8YSZ)**
AKTAŞ B., TEKELİ S.
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.105, no.6, pp.577-583, 2014 (SCI-Expanded)
- XX. **Grain growth and sinterability in Er₂O₃-doped cubic zirconia (c-ZrO₂)**
AKTAŞ B., TEKELİ S., Kucuktuvek M.
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.105, no.2, pp.208-214, 2014 (SCI-Expanded)
- XXI. **Influence on Static Grain Growth and Sinterability of BaO Addition into 8YSZ**
Aktas B., Tekeli S., Salman S.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.652-655, 2014 (SCI-Expanded)
- XXII. **Effect of Temperature on Densification and Deformation Behaviour of Pure Aluminium Powders Processed by Equal Channel Angular Densification and Pressing**
Ipekci M. T., TEKELİ S., EŞME U., KÜLEKÇİ M. K.
MATERIALS TESTING, vol.56, no.4, pp.300-305, 2014 (SCI-Expanded)
- XXIII. **Electrical Conductivity of Er₂O₃-Doped c-ZrO₂ Ceramics**
AKTAŞ B., TEKELİ S., Kucuktuvek M.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.23, no.1, pp.349-355, 2014 (SCI-Expanded)
- XXIV. **Synthesis and Properties of La₂O₃-Doped 8 mol% Yttria-Stabilized Cubic Zirconia**
AKTAŞ B., TEKELİ S., SALMAN S.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.23, no.1, pp.294-301, 2014 (SCI-Expanded)
- XXV. **THE EFFECT OF DIFFUSER AND NON-DIFFUSER RUNNER SYSTEMS ON THE MECHANICAL PROPERTIES OF A356 ALLOY**
Tuncay T., TEKELİ S., ÖZYÜREK D.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.2, pp.241-249, 2013 (SCI-Expanded)
- XXVI. **Effect of Silicon Content on Wear Behavior of Heat Treated Powder Metallurgy Steels**

- TEKELİ S., GÜRAL A.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.32, no.2, pp.119-123, 2013 (SCI-Expanded)
- XXVII. **High Temperature Tensile Properties of Equal Channel Angular Pressed Al-Zn-Mg-Cu Alloy**
TEKELİ S., GÜRAL A.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.31, no.6, pp.675-678, 2012 (SCI-Expanded)
- XXVIII. **MICROSTRUCTURAL CHARACTERIZATION OF 7075 ALUMINUM ALLOY SEVERE DEFORMED BY EQUAL CHANNEL-ANGULAR PRESSING (ECAP)**
GÜRAL A., TEKELİ S., Aytac A., Turkan M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.4, pp.807-812, 2012 (SCI-Expanded)
- XXIX. **Microstructural and Mechanical Properties of Er₂O₃-ZrO₂ Ceramics with Different Er₂O₃ Contents**
TEKELİ S., AKTAŞ B., Kucuktuvek M.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.31, no.6, pp.701-706, 2012 (SCI-Expanded)
- XXX. **Exchange of experience the effect of synthesis time on the wear behavior of Al-8%Ti alloy produced by mechanical alloying**
Ozyurek D., Tekeli S., Tuncay T., Yilmaz R.
POWDER METALLURGY AND METAL CERAMICS, vol.51, pp.491-495, 2012 (SCI-Expanded)
- XXXI. **Influence of different heat treatments on dry sliding wear properties of PM steel with 1 wt.% Si addition**
Tekeli S., Gural A.
Metallofizika i Noveishie Tekhnologii, vol.34, no.9, pp.1273-1281, 2012 (SCI-Expanded)
- XXXII. **Microstructure and dry sliding wear properties of 3Si-2Ni and 3Si-2Mn powder metallurgy steels with different graphite content**
Tekeli S., Gural A., Ozyurek D.
Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, vol.225, no.8, pp.814-820, 2011 (SCI-Expanded)
- XXXIII. **Wear Properties of Titanium and Ti6Al4V Titanium Alloy by Mechanical Milling**
ÖZYÜREK D., TEKELİ S.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.30, pp.175-180, 2011 (SCI-Expanded)
- XXXIV. **Effect of Al₂O₃ amount on microstructure and wear properties of Al-Al₂O₃ metal matrix composites prepared using mechanical alloying method**
Ozyurek D., Tekeli S., Gural A., Meyveci A., Guru M.
Powder Metallurgy and Metal Ceramics, vol.49, pp.289-294, 2010 (SCI-Expanded)
- XXXV. **An Investigation on Wear Resistance of SiCp-Reinforced Aluminium Composites Produced by Mechanical Alloying Method**
ÖZYÜREK D., Tekeli S.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.17, no.1, pp.31-38, 2010 (SCI-Expanded)
- XXXVI. **Production of Polymer Matrix Composite Particleboard from Pistachio Shells and Improvement of its Fire Resistance by Fly Ash**
GÜRÜ M., Sahin M., Tekeli S., Tokgoz H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.28, no.3, pp.191-195, 2009 (SCI-Expanded)
- XXXVII. **The effect of silica doping on the microstructure and mechanical properties of c-ZrO₂/SiO₂ composites**
Tekeli S., Boyacioglu T., Gural A.
Ceramics International, vol.34, no.8, pp.1959-1964, 2008 (SCI-Expanded)
- XXXVIII. **Microstructural, mechanical and electrical properties of alumina-doped cubic zirconia (c-ZrO₂)**
Tekeli S., Kayis A., Guru M.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.12, pp.791-797, 2008 (SCI-Expanded)
- XXXIX. **Phase stability, microstructural evolution and room temperature mechanical properties of TiO₂ doped 8 mol% Y₂O₃ stabilized ZrO₂ (8Y-CSZ)**
Chen T., TEKELİ S., Dillon R. P., Mecartney M. L.

- CERAMICS INTERNATIONAL, vol.34, no.2, pp.365-370, 2008 (SCI-Expanded)
- XL. **Microstructural design and high temperature tensile deformation behaviour of 8 mol% yttria stabilized cubic zirconia (8YCSZ) with SiO₂ additions**
Tekeli S., Guerue M.
CERAMICS INTERNATIONAL, vol.34, no.1, pp.137-140, 2008 (SCI-Expanded)
- XLI. **Processing of Cer-Met Composite Material from Zn and B₂O₃**
Guru M., Tekeli S., Cakanyildirim C., Cabbar C.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.27, no.4, pp.243-248, 2008 (SCI-Expanded)
- XLII. **Microstructural Characterization of Intercritically Annealed 0.5% (wt) Ni and Mn Added Steels Prepared by Powder Metallurgy Method**
Tekeli S., Gural A.
Materials Science And Technology, vol.23, pp.72-78, 2007 (SCI-Expanded)
- XLIII. **Effect of intercritical annealing and quenching plus tempering heat treatments on microstructure of Ni added powder metallurgy steels**
Tekeli S., Gural A.
Materials and Design, vol.28, no.4, pp.1353-1357, 2007 (SCI-Expanded)
- XLIV. **Densification and grain-growth behavior of various amounts of SiO₂ doped 8YSCZ/SiO₂ composites**
Tekeli S., Gr M., Saglam O. E.
MATERIALS AND MANUFACTURING PROCESSES, vol.22, pp.710-714, 2007 (SCI-Expanded)
- XLV. **Sintering, phase stability and room temperature mechanical properties of c-ZrO₂ ceramics with TiO₂ addition**
Tekeli S., Gural A.
Materials and Design, vol.28, no.5, pp.1707-1710, 2007 (SCI-Expanded)
- XLVI. **Dry sliding wear behaviour of heat treated iron based powder metallurgy steels with 0.3% Graphite + 2% Ni additions**
Tekeli S., Gural A.
Materials and Design, vol.28, no.6, pp.1923-1927, 2007 (SCI-Expanded)
- XLVII. **Dry sliding wear behavior of low carbon dual phase powder metallurgy steels**
Tekeli S., Gural A., Ozyurek D.
Materials and Design, vol.28, no.5, pp.1685-1688, 2007 (SCI-Expanded)
- XLVIII. **High-temperature deformation behaviour of TiO₂-doped 2 mol.% Y₂O₃-stabilized ZrO₂ (8Y-CSZ) under tension and compression**
Tekeli S., Chen T., Nagayama H., Sakuma T., Mecartney M. L.
CERAMICS INTERNATIONAL, vol.33, no.5, pp.869-874, 2007 (SCI-Expanded)
- XLIX. **Microstructural characterization of intercritically annealed low alloy PM steels**
Gural A., Tekeli S.
Materials and Design, vol.28, no.4, pp.1224-1230, 2007 (SCI-Expanded)
- L. **The solid solubility limit of Al₂O₃ and its effect on densification and microstructural evolution in cubic-zirconia used as an electrolyte for solid oxide fuel cell**
Tekeli S.
MATERIALS & DESIGN, vol.28, no.2, pp.713-716, 2007 (SCI-Expanded)
- LI. **Tensile properties of iron-based P/M steels with ferrite plus martensite microstructure**
Gural A., Tekeli S., Ando T.
JOURNAL OF MATERIALS SCIENCE, vol.41, no.23, pp.7894-7901, 2006 (SCI-Expanded)
- LII. **Manufacturing of urea-formaldehyde-based composite particleboard from almond shell**
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