

Prof. Şerafettin EROĞLU

Personal Information

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Education Information

Doctorate, Stevens Institute Of Technology, Mühendislik Fak, Malzeme Bilimi, United States Of America 1986 - 1991

Post Graduate, Stevens Institute Of Technology, Mühendislik Fak, Malzeme Bilimi, United States Of America 1984 - 1986

Under Graduate, İstanbul Teknik Üniversitesi, Metalurji, Metalurji, Turkey 1978 - 1982

Dissertations

Doctorate, Design and chemical vapor deposition of compositionally graded coatings in the Ti-C-N system, Stevens Institute Of Technology, Faculty of Engineering, Malzeme Bilimi, 1991

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Mechanical Properties, Material Characterization, Production Metallurgy, Pyrometallurgy, Powder Metallurgy, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2006 - Continues

Professional Experience

Courses

Uzmanlık Alan dersi, Doctorate, 2017 - 2018, 2018 - 2019

Powder Metallurgy, Under Graduate, 2018 - 2019

Materials Science II, Under Graduate, 2016 - 2017, 2017 - 2018

Doktora Tez Danışmanlığı, Doctorate, 2018 - 2019

Mühendislik Alaşımalarında Gevreklik, Post Graduate, 2013 - 2014, 2015 - 2016, 2016 - 2017, 2017 - 2018

Toz Metalurjisi, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

Malzeme Karakterizasyonu, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018

Materials Science I, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Bitirme Projesi II, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018
Metalurji Mühendisliği Lab III, Under Graduate, 2018 - 2019
Advanced Thin Film and Coating Technologies, Doctorate, 2014 - 2015, 2016 - 2017, 2017 - 2018, 2018 - 2019
METALURJİ MÜHENDİSLİĞİ LAB I, Under Graduate, 2013 - 2014, 2018 - 2019
NanoYapılı Malzeme Üretim Süreçleri ve Karakterizasyonu, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018
Metalurji Mühendisliği Lab IV, Under Graduate, 2017 - 2018
METALURJİ MÜHENDİSLİĞİ LAB II, Under Graduate, 2013 - 2014, 2017 - 2018
Refrakter Metal ve Sert Malzeme Teknolojileri, Post Graduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018
Metalurji Müh Lab III, Under Graduate, 2017 - 2018
Bitirme projesi I, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018
Malzeme Bilimi II, Under Graduate, 2015 - 2016, 2016 - 2017
Metalurji ve Malzeme Müh Giriş, Under Graduate, 2014 - 2015, 2017 - 2018
Refrakter metal ve sert malzemeler teknolojileri, Post Graduate, 2017 - 2018
Metalurji Mühendisliği Laboratuvarı IV , Under Graduate, 2015 - 2016, 2016 - 2017
İleri Toz Metalurjisi ve Sinterleme Teknikleri, Doctorate, 2015 - 2016, 2016 - 2017
Malzeme Bilimi I, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018
Tez Danışmanlığı, Post Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017
Metalurji Mühendisliği Laboratuvarı II, Under Graduate, 2015 - 2016, 2016 - 2017
Uzmanlık Alan Dersi, Post Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017
Metalurji Mühendisliği Laboratuvarı III, Under Graduate, 2014 - 2015, 2015 - 2016, 2016 - 2017
Metalurji ve malzeme mühendisliğine giriş, Under Graduate, 2013 - 2014, 2015 - 2016, 2016 - 2017
Metalurji Mühendisliği Laboratuvarı I, Under Graduate, 2014 - 2015, 2015 - 2016, 2016 - 2017
MALZEME KARAKTERİZASYONU, Under Graduate, 2013 - 2014
Bitirme Projesi II, Under Graduate, 2013 - 2014
METALURJİ MÜHENDİSLİĞİ LAB II, Under Graduate, 2013 - 2014
MALZEME BİLİMİ II, Under Graduate, 2013 - 2014
NANOYAPILI MALZEMELERİN ÜRETİM SÜREÇLERİ VE KARAKTERİZASYONU, Under Graduate, 2013 - 2014
İLERİ TOZ METALURJİSİ VE SİNERLEME TEKNİKLERİ, Doctorate, 2013 - 2014
METALURJİ MÜHENDİSLİĞİ LAB IV, Under Graduate, 2013 - 2014
MÜHENDİSLİK ALAŞIMLARINDA GEVREKLİK, Post Graduate, 2007 - 2008, 2008 - 2009, 2012 - 2013
NANOYAPILI MALZEMELERİN ÜRETİM SÜREÇLERİ VE KARAKTERİZASYONU, Under Graduate, 2012 - 2013
Refrakter metal ve sert malzeme teknolojileri, Post Graduate, 2013 - 2014
İleri ince film ve kaplama teknolojileri, Doctorate, 2013 - 2014
METALURJİ VE MALZEME MÜHENDİSLİĞİNE GİRİŞ, Under Graduate, 2012 - 2013
Metalurji Mühendisliği Lab III, Under Graduate, 2012 - 2013
Metalurji Mühendisliği Lab I, Under Graduate, 2012 - 2013
MALZEME BİLİMİ I, Under Graduate, 2008 - 2009, 2009 - 2010, 2011 - 2012, 2012 - 2013
Bitirme Projesi I, Under Graduate, 2012 - 2013
Metalurji Mühendisliği Laboratuvarı IV, Under Graduate, 2011 - 2012
Bitirme projesi II, Under Graduate, 2011 - 2012
TOZ METALURJİSİ, Under Graduate, 2008 - 2009, 2009 - 2010, 2011 - 2012, 2012 - 2013
REFRAKTER METAL VE SERT MALZEME TEKNOLOJİLERİ, Post Graduate, 2008 - 2009, 2009 - 2010, 2011 - 2012, 2012 - 2013
Metalurji Mühendisliği Laboratuvarı II, Under Graduate, 2011 - 2012
İleri İnce Film ve Kaplama Teknolojileri (İngilizce) / ADVANCED THINFILM AND COATING TECHNOLOGIES, Doctorate, 2008 - 2009, 2009 - 2010, 2011 - 2012, 2012 - 2013
METALURJİ VE MALZEME MÜHENDİSLİĞİNE GİRİŞ I, Under Graduate, 2011 - 2012
İLERİ TOZ METALURJİSİ VE SİNERLEME TEKNİKLERİ, Doctorate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2011 - 2012
MALZEME KARAKTERİZASYONU II, Under Graduate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2011 - 2012
METALURJİ VE MALZEME MÜHENDİSLİĞİNE GİRİŞ II, Under Graduate, 2008 - 2009, 2009 - 2010, 2011 - 2012
MALZEME BİLİMİ II, Under Graduate, 2007 - 2008, 2008 - 2009, 2010 - 2011, 2011 - 2012

REFRAKTER METAL VE SERT MALZEME TEKNOLOJİLERİ, Post Graduate, 2011 - 2012

METALURJİ VE MALZEME MÜHENDİSLİĞİNE GİRİŞ II, Under Graduate, 2007 - 2008, 2008 - 2009, 2009 - 2010

Advising Theses

ÇETİNKAYA Ş., EROĞLU Ş., Yüksek Sıcaklıklarda Nikel Oksit Tozunun Etanol ile Reaksiyonu, Post Graduate, F.Coşkun(Student), 2017

EROĞLU Ş., Çok kristalli saydam YAG (Y3Al5O12) seramik malzemesinin oksit tozlarından üretimi ve karakterizasyonu, Post Graduate, M.Sozak(Student), 2016

ÇETİNKAYA Ş., EROĞLU Ş., Bi2O3 tozunun metan ve etanol atmosferlerinde indirgenme davranışı, Post Graduate, F.Korkmaz(Student), 2016

EROĞLU Ş., Kimyasal buhar reaksiyon yöntemi ile nanoyapılı malzeme sentezi, Doctorate, Ş.Çetinkaya(Student), 2011

EROĞLU Ş., Kimyasal buhar biriktirme yöntemiyle nanoyapılı karbon sentezi, Doctorate, M.C.(Student), 2011

EROĞLU Ş., Alumina esaslı seramik plakaların balistik özellikleri, Post Graduate, Y.Öztürk(Student), 2006

Jury Memberships

Doctorate, Jüri üyesi, İTÜ, December, 2018

Associate Professor Exam, Jüri üyesi, Üniversitelerarası Kurul, September, 2018

Associate Professor Exam, Jüri üyesi, Üniversiteler arası Kurul, August, 2018

Post Graduate, Yüksek Lisans Tezi Sınav Jürisi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji ve Malzeme Müh. Anabilim Dalı, June, 2017

Doctorate, Doktora Tezi Sınav Jürisi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji ve Malzeme Müh. Anabilim Dalı, June, 2017

Post Graduate, Yüksek Lisans Tezi Sınav Jürisi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji ve Malzeme Müh. Anabilim Dalı, May, 2017

Associate Professor Exam, Doçentlik Sınav Jürisi, ÜAK, April, 2017

Associate Professor Exam, Doçentlik Sınav Jürisi, ÜAK, March, 2017

Doctorate, Doktora tezi inceleme, Azerbaycan Milli İlimler Akademisi, April, 2016

Associate Professor Exam, Jüri üyesi, ÜAK, March, 2016

Post Graduate, Yüksek lisans tezi, İstanbul Üniversitesi, January, 2016

Associate Professor Exam, Eser İnceleme, ÜAK, June, 2015

Associate Professor Exam, Eser İnceleme, ÜAK, June, 2015

Associate Professor Exam, Eser İnceleme, ÜAK, December, 2014

Associate Professor Exam, Eser İnceleme, ÜAK, December, 2014

Associate Professor Exam, Eser İnceleme, ÜAK, December, 2014

Associate Professor Exam, Sözlü Sınav, ÜAK, October, 2014

Associate Professor Exam, Sözlü Sınav, ÜAK, October, 2014

Associate Professor Exam, Sözlü Sınav, ÜAK, September, 2014

Associate Professor Exam, Eser İnceleme, ÜAK, April, 2014

Appointment Academic Staff, Doçentlik Kadrosu Ataması, Karadeniz Teknik Üniversitesi, January, 2014

Post Graduate, Tez savunma jürisi, İstanbul Üniversitesi/fen Bilimleri Enstitüsü/Metalurji ve Malzeme Müh. Anabilim Dalı, January, 2014

Post Graduate, Tez savunma jürisi, İstanbul Üniversitesi/fen Bilimleri Enstitüsü/Metalurji ve Malzeme Müh. Anabilim Dalı, October, 2013

Post Graduate, Tez savunma jürisi, İstanbul Üniversitesi/fen Bilimleri Enstitüsü/Metalurji ve Malzeme Müh. Anabilim Dalı, September, 2013

Associate Professor Exam, Eser inceleme, ÜAK, April, 2013

Doctoral Examination, Doktora, İstanbul Üniversitesi, February, 2013

Associate Professor Exam, Sözlü Sınav, ÜAK, February, 2013
Associate Professor Exam, Sözlü Sınav, ÜAK, September, 2012
Associate Professor Exam, Eser inceleme, ÜAK, May, 2012
Associate Professor Exam, Eser inceleme, ÜAK, May, 2012
Associate Professor Exam, Eser inceleme, ÜAK, May, 2012
Associate Professor Exam, Eser inceleme, ÜAK, April, 2012
Associate Professor Exam, Eser inceleme, ÜAK, April, 2012
Associate Professor Exam, Eser inceleme, ÜAK, April, 2012
Associate Professor Exam, Eser inceleme, ÜAK, March, 2012
Associate Professor Exam, Eser inceleme, ÜAK, February, 2012
Doctoral Examination, Doktora, İstanbul Üniversitesi, February, 2012

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Thermodynamics and Synthesis of Cu Powder from CuO in Waste Tire-Derived Pyrolytic Gas Atmosphere**
CUMBUL ALTAY M., EROĞLU Ş.
JOM, 2021 (Journal Indexed in SCI)
- II. **Thermodynamics and Reduction of Bi₂O₃ in Waste Tire-Derived Atmosphere**
Altay M. C. , EROĞLU Ş.
JOM, 2021 (Journal Indexed in SCI)
- III. **Chemical vapor deposition of Ge nanowires from readily available GeO₂ and CH₄ precursors**
Cumbul Altay M., Eroglu Ş.
JOURNAL OF CRYSTAL GROWTH, vol.551, 2020 (Journal Indexed in SCI)
- IV. **Catalyst-free chemical vapor deposition of Ge wires from readily available precursors**
Altay M. C. , Eroglu Ş.
MATERIALS LETTERS, vol.278, 2020 (Journal Indexed in SCI)
- V. **Growth of Ge Nanowires by Chemical Vapor Deposition at Atmospheric Pressure Using Readily Available Precursors GeO₂ and C₂H₅OH**
Altay M., Eroglu Ş.
JOM, 2020 (Journal Indexed in SCI)
- VI. **Feasibility of Using Polypropylene for Metal Oxide Reduction**
Altay M. C. , Eroglu S.
JOM, vol.71, pp.3923-3930, 2019 (Journal Indexed in SCI)
- VII. **Synthesis of Mo₂C from MoO₃ and C₂H₅OH**
Altay M., Eroglu S.
JOM, vol.71, pp.2806-2811, 2019 (Journal Indexed in SCI)
- VIII. **Use of Waste Polyethylene as a Source of Reducing Agent for Metal Oxide Reduction: A Case Study on NiO**
Altay M. C. , Eroglu S.
JOM, vol.71, pp.2338-2344, 2019 (Journal Indexed in SCI)
- IX. **Chemical vapor deposition of Ge thin films from solid GeO₂ and C₂H₅OH**
Altay M., Eroglu S.
THIN SOLID FILMS, vol.677, pp.22-27, 2019 (Journal Indexed in SCI)
- X. **A novel way of using pyrolytic gas derived from waste rubber: Pyrometallurgical reduction of NiO**
Altay M., Eroglu S.
JOURNAL OF HAZARDOUS MATERIALS, vol.367, pp.77-82, 2019 (Journal Indexed in SCI)
- XI. **Reduction of Germanium Dioxide with Methane**
Altay M., Eroglu S.
JOM, vol.70, no.10, pp.2345-2350, 2018 (Journal Indexed in SCI)

- XII. **Synthesis of Cobalt Powder by Reduction of Cobalt Oxide with Ethanol**
Cetinkaya S., Eroğlu S.
JOM, vol.70, no.10, pp.2237-2242, 2018 (Journal Indexed in SCI)
- XIII. **Synthesis of Tin Powder Using Tin Oxide and Ethanol**
Cetinkaya S., Eroğlu S.
JOM, vol.70, no.5, pp.656-660, 2018 (Journal Indexed in SCI)
- XIV. **Synthesis of Fine Mo₂C Powder from Prereduced Mo in Undiluted CH₄ Flow**
Cetinkaya S., Eroğlu S.
JOM, vol.69, no.10, pp.1997-2002, 2017 (Journal Indexed in SCI)
- XV. **Sintering and Cold Swaging of Tungsten Heavy Alloys Prepared from Various Grades of W Powder**
Eroğlu S.
JOM, vol.69, no.10, pp.2014-2018, 2017 (Journal Indexed in SCI)
- XVI. **Isothermal Reaction of NiO Powder with Undiluted CH₄ at 1000 K to 1300 K (727 °C to 1027 °C)**
Altay M., Eroglu Ş.
Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, vol.48, no.4, pp.2067-2076, 2017 (Journal Indexed in SCI Expanded)
- XVII. **Reduction of Nickel Oxide with Ethanol**
Coskun F., Cetinkaya S., Eroğlu S.
JOM, vol.69, no.6, pp.987-992, 2017 (Journal Indexed in SCI)
- XVIII. **A Single-Step Process for Direct Reduction of Iron Oxide to Sponge Iron by Undiluted Methane**
Cetinkaya S., Eroğlu S.
JOM, vol.69, no.6, pp.993-998, 2017 (Journal Indexed in SCI)
- XIX. **Reduction of tungsten trioxide with ethanol**
Cetinkaya S., Eroğlu S.
INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, vol.64, pp.184-189, 2017 (Journal Indexed in SCI)
- XX. **Thermodynamic Analysis and Reduction of Bismuth Oxide by Ethanol**
Korkmaz F., Cetinkaya S., Eroglu S.
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, vol.47, pp.2378-2385, 2016 (Journal Indexed in SCI)
- XXI. **Effect of the extent of pre-reduction of gamma-Fe₂O₃ by H₂ on the synthesis of Fe₃C powder from CH₄**
Cetinkaya S., Eroglu S.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.152, pp.46-52, 2016 (Journal Indexed in SCI)
- XXII. **Non-isothermal reduction behavior of NiO in undiluted Ar and CH₄ atmospheres**
Altay M., Eroglu S.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.149, pp.50-55, 2016 (Journal Indexed in SCI)
- XXIII. **Thermodynamic analysis and reduction of tungsten trioxide using methane**
Cetinkaya S., Eroğlu S.
INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, vol.51, pp.137-140, 2015 (Journal Indexed in SCI)
- XXIV. **Thermodynamic analysis and effect of temperature on surface hardening of tungsten heavy alloys using ethanol**
Cetinkaya S., Eroğlu S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.632, pp.161-164, 2015 (Journal Indexed in SCI)
- XXV. **Effect of temperature and Ar flow rate on Ti₃SiC₂ formation from TiSiO₄ powders coated with pyrolytic carbon**
Cetinkaya S., Eroglu S.
INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, vol.43, pp.69-76, 2014 (Journal Indexed in SCI)
- XXVI. **Thermodynamic analysis and chemical vapor deposition of multi-walled carbon nanotubes from pre-**

- heated CH₄ using Fe₂O₃ particles as catalyst precursor**
Altay M. C. , Eroglu S.
JOURNAL OF CRYSTAL GROWTH, vol.364, pp.40-45, 2013 (Journal Indexed in SCI)
- XXVII. **Growth of multi-walled C nanotubes from pre-heated CH₄ using Fe₃O₄ as a catalyst precursor**
Altay M. C. , Eroglu S.
DIAMOND AND RELATED MATERIALS, vol.31, pp.19-24, 2013 (Journal Indexed in SCI)
- XXVIII. **Synthesis and reaction mechanism of Ti₃SiC₂ ternary compound by carbothermal reduction of TiO₂ and SiO₂ powder mixtures**
Cetinkaya Ş., Eroglu S.
CERAMICS INTERNATIONAL, vol.38, no.8, pp.6445-6453, 2012 (Journal Indexed in SCI)
- XXIX. **Thermodynamic analysis and reduction of tin oxide with methane**
Cetinkaya Ş., Eroglu S.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.110, pp.71-73, 2012 (Journal Indexed in SCI)
- XXX. **Synthesis of multi-walled C nanotubes by Fe-Ni (70 wt.%) catalyzed chemical vapor deposition from pre-heated CH₄**
Altay M., Eroglu S.
MATERIALS LETTERS, vol.67, no.1, pp.124-127, 2012 (Journal Indexed in SCI)
- XXXI. **Chemical vapor deposition of C on SiO₂ and subsequent carbothermal reduction for the synthesis of nanocrystalline SiC particles/whiskers**
Eroğlu Ş., Çetinkaya Ş.
International Journal Of Refractory Metals Materials, vol.29, no.5, pp.566-572, 2011 (Journal Indexed in SCI Expanded)
- XXXII. **Chemical vapor deposition and composition-depth profiling of a graded coating by Auger electron spectroscopy used in conjunction with taper polishing**
Eroglu S., Gallois B.
CERAMICS INTERNATIONAL, vol.37, no.4, pp.1301-1306, 2011 (Journal Indexed in SCI)
- XXXIII. **Chemical vapor deposition of carbon on particulate TiO₂ from CH₄ and subsequent carbothermal reduction for the synthesis of nanocrystalline TiC powders**
Cetinkaya Ş., Eroğlu S.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.31, no.5, pp.869-876, 2011 (Journal Indexed in SCI)
- XXXIV. **Comparative kinetic and structural analyses of nanocrystalline WC powder synthesis from pre-reduced W under pure and diluted CH₄ atmospheres**
Cetinkaya Ş., Eroğlu S.
INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, vol.29, no.2, pp.214-220, 2011 (Journal Indexed in SCI)
- XXXV. **Thermodynamic analysis and synthesis of porous Mo₂C sponge by vapor-phase condensation and in situ carburization of MoO₃**
Cetinkaya Ş., Eroğlu S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.489, no.1, pp.36-41, 2010 (Journal Indexed in SCI)
- XXXVI. **Sintering and Mechanical Properties of AISI M2 High-Speed Steel Powder Molded at Low Pressures**
Eroglu S.
MATERIALS AND MANUFACTURING PROCESSES, vol.25, no.9, pp.1025-1029, 2010 (Journal Indexed in SCI)
- XXXVII. **Solvent debinding kinetics and sintered properties of injection moulded 316L stainless steel powder**
Eroglu Ş., Bakan H.
POWDER METALLURGY, vol.48, pp.329-332, 2005 (Journal Indexed in SCI)
- XXXVIII. **Solvent debinding kinetics and sintered properties of injection molded 316l stainless steel powder**
EROĞLU Ş., Bakan H.
POWDER METALLURGY, vol.48, no.4, pp.329-332, 2005 (Journal Indexed in SCI)
- XXXIX. **Thermodynamic analysis of Mo₂C powder synthesis by chemical vapor reaction method**
EROĞLU Ş., Bakan H. İ.
EURO CERAMICS VIII, PTS 1-3, pp.121-124, 2004 (Journal Indexed in SCI)

- XL. **Effects of powder mixing technique and tungsten powder size on the properties of tungsten heavy alloys**
Eroglu S., Baykara T.
Journal of Materials Processing Technology, vol.103, no.2, pp.288-292, 2000 (Journal Indexed in SCI)
- XLI. **Surface Hardening of Tungsten Heavy Alloys**
EROĞLU Ş., Ekren H., Baykara T.
SCRIPTA MATERIALIA, vol.38, pp.131-136, 1998 (Journal Indexed in SCI)
- XLII. **Liquid-phase sintering and properties of Cr₃C₂/NiCr cermets**
Duran C., Eroglu S.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.74, pp.69-73, 1998 (Journal Indexed in SCI)
- XLIII. **Processing and properties of a 85%Cr₃C₂-10.5%Ni-4.5%Fe cermet**
Eroglu S., Duran C.
SCRIPTA MATERIALIA, vol.37, pp.991-997, 1997 (Journal Indexed in SCI)
- XLIV. **Growth and structure of TiC_xN_y coatings chemically vapour deposited on graphite substrates**
EROĞLU Ş., Gallois B.
JOURNAL OF MATERIALS SCIENCE, vol.32, no.1, pp.207-213, 1997 (Journal Indexed in SCI)
- XLV. **Synthesis of nanocrystalline Ni-Fe alloy powders by spray pyrolysis**
EROĞLU Ş., Zhang S., Messing G.
JOURNAL OF MATERIALS RESEARCH, vol.11, no.9, pp.2131-2134, 1996 (Journal Indexed in SCI)
- XLVI. **Chemical vapour deposition of pyrolytic carbon from impinging jets**
Eroğlu Ş., Gallois B.
CERAMICS INTERNATIONAL, vol.22, pp.483-487, 1996 (Journal Indexed in SCI)
- XLVII. **Thermodynamical Analyses of Chemical Vapor Deposition of P₃N₅ Thin Films**
EROĞLU Ş., Gallois B.
JOURNAL DE PHYSIQUE IV, vol.C5, pp.79-86, 1995 (Journal Indexed in SCI Expanded)
- XLVIII. **GROWTH AND STRUCTURE OF TIC COATINGS CHEMICALLY VAPOR-DEPOSITED ON GRAPHITE SUBSTRATES**
Eroğlu Ş., Gallois B.
JOURNAL OF MATERIALS SCIENCE, vol.30, pp.1754-1759, 1995 (Journal Indexed in SCI)
- XLIX. **TEXTURE ANALYSES OF CHEMICALLY VAPOR-DEPOSITED COATINGS IN THE TI-C-N SYSTEM BY WIDE FILM DEBYE-SCHERRER X-RAY-DIFFRACTION TECHNIQUE**
Eroğlu Ş., Gallois B.
JOURNAL DE PHYSIQUE IV, vol.3, pp.177-182, 1993 (Journal Indexed in SCI)
- L. **RESIDUAL-STRESSES IN CHEMICALLY VAPOR-DEPOSITED COATINGS IN THE TI-C-N SYSTEM**
Eroğlu Ş., Gallois B.
JOURNAL DE PHYSIQUE IV, vol.3, pp.155-162, 1993 (Journal Indexed in SCI)
- LI. **Synthesis of Functionally Gradient Ni-Cr-Al/MgO-ZrO₂ Coatings by Plasma Spray Technique**
Eroğlu Ş., Birla N., Demirci M., Baykara T.
JOURNAL OF MATERIALS SCIENCE LETTERS, vol.12, pp.1099-1102, 1993 (Journal Indexed in SCI)
- LII. **DESIGN AND CHEMICAL VAPOR-DEPOSITION OF GRADED TIN/TIC COATINGS**
Eroğlu Ş., Gallois B.
SURFACE & COATINGS TECHNOLOGY, vol.49, pp.275-278, 1991 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Karbon Nanotüp Sentezi için Metan Gazının Kullanımı**
CUMBUL ALTAY M., EROĞLU Ş.
AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, no.14, pp.249-253, 2014 (National Refreed University Journal)

Books & Book Chapters

I. Sinterleme Pratiđi

EROĐLU Ő.

in: Toz Metalurjisi ve Parçacıklı Malzeme İşlemleri, Sarıtaş S., Türker M., Durlu N., Editor, Toz Metalurjisi Derneđi, Ankara, 2007

Refereed Congress / Symposium Publications in Proceedings

I. Reduction of Germanium Dioxide by Ethanol

CUMBUL ALTAY M., EROĐLU Ő.

19. Uluslararası Metalurji ve Malzeme Kongresi IMMC2018, İstanbul, Turkey, 25 - 27 October 2018, pp.1

II. A Novel Potential Way for Polyethylene Reuse: Reduction of NiO via Polyethylene Pyrolysis

CUMBUL ALTAY M., EROĐLU Ő.

4th International Conference on Recycling and Reuse, İstanbul, Turkey, 24 - 26 October 2018, pp.75

III. Thermodynamic Analysis and Reaction Behavior of MoO₃ under Ethanol Flow

CUMBUL ALTAY M., EROĐLU Ő.

IV. Uluslararası Seramik, Cam, Emaye, Sır ve Boya Kongresi (SERES'18), Eskişehir, Turkey, 10 - 12 October 2018, pp.1

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