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Address: KTÜ METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fak./Fen Bil./Makina Müh., Makina/Malzeme Bilimleri, Turkey
1998 - 2006

Post Graduate, Karadeniz Technical University, Mühendislik Fak. /Fen Bil./Makina Müh. , Makina Müh. /Malzeme
Bilimleri, Turkey 1994 - 1998

Under Graduate, Karadeniz Technical University, Mühendislik Mimarlık Fak./Makina Müh., Makina Mühendisliği, Turkey
1990 - 1994

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, AA2024 Matrisli B4C Parçacık Takviyeli Kompozitlerin Vorteks Yöntemiyle Üretimi ve Özelliklerinin
İncelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Böl. , 2006

Post Graduate, AA2014 Matrisli-B4C Parçacık Takviyeli Kompozit Üretimi ve Özelliklerinin İncelenmesi, Karadeniz
Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Böl./Malzeme Bilimleri, 1998

Post Graduate, Demir Karbon Alaşımlarında A1 ve A3 Dönüşüm Sıcaklıklarının Karbon Oranı ile Değişimin Dilatometrik
olarak İncelenmesi , Karadeniz Technical University, Fizik Bölümü, Katı Hal, 1993

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Ceramic Materials, Mechanical Properties,
Corrosion and Corrosion Protection, Nondestructive Testing, Composites, Biomaterials, Thermal Treatment, Material
Characterization, Metallic Materials, Nanomaterials, Production Metallurgy, Principles of Foundry Technology, Powder
Metallurgy, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi/Metalurji Ve Malzeme Mühendisliği Bölümü, Metalurji
Ve Malzeme Mühendisliği Bölümü, 2019 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi/Metalurji Ve Malzeme Mühendisliği Bölümü,

Metalurji Ve Malzeme Mühendisliği Bölümü, 2013 - 2019

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi/Metalurji Ve Malzeme Mühendisliği Bölümü, Metalurji Ve Malzeme Mühendisliği Bölümü, 2008 - 2013

Lecturer PhD, Karadeniz Technical University, Mühendislik Fakültesi/Metalurji Ve Malzeme Mühendisliği Bölümü, Metalurji Ve Malzeme Mühendisliği Bölümü, 2007 - 2008

Research Assistant PhD, Duzce University, Orman Fakültesi/Orman Endüstri Mühendisliği Bölümü, Orman Endüstri Mühendisliği Bölümü, 2006 - 2007

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü/Makina Mühendisliği Bölümü (35. Madde Uyarınca Görevlendirildi.), Makina Mühendisliği Bölümü, 2000 - 2006

Research Assistant, Abant İzzet Baysal Üniversitesi, Düzce Orman Fakültesi/Orman Endüstri Mühendisliği Bölümü, Orman Endüstri Mühendisliği Bölümü, 1998 - 2000

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi/Makina Mühendisliği Bölümü, Makina Mühendisliği Bölümü, 1996 - 1998

Professional Experience

Manager of Research and Application Center, Karadeniz Technical University, Ktú Malzeme Bilimleri Ve Üretim Teknolojisi Uygulama Ve Araştırma Merkezi Müdürlüğü, Metalurji Ve Malzeme Mühendisliği , 2013 - Continues

Deputy Head of Department, Karadeniz Technical University, Mühendislik Fakültesi/Metalurji Ve Malzeme Mühendisliği Bölümü, Metalurji Ve Malzeme Mühendisliği Bölümü, 2010 - 2011

Courses

YÜKSEK LİSANS TEZİ, Post Graduate, 2017 - 2018

METALURJİ VE MALZEME LAB. II, Under Graduate, 2017 - 2018

MÜHENDİSLİK TASARIM, Under Graduate, 2017 - 2018

DOKTORA TEZİ , Doctorate, 2017 - 2018

BİYOMALZEMELERE GİRİŞ, Under Graduate, 2016 - 2017

Advising Theses

ÇANAKÇI A., AA2024/Al2O3 Parçacık Takviyeli Metal Matrisli Kompozit Köpüklerin Üretimi ve Özelliklerinin İncelenmesi, Post Graduate, Ö.Yasin(Student), 2019

ÇANAKÇI A., AA2024/h-BN/B4C HİBRİT NANOKOMPOZİTLERİN ÜRETİMİ VE ÖZELLİKLERİNİN İNCELENMESİ, Post Graduate, K.Alp(Student), 2019

ÇANAKÇI A., Al2024-316L Metal-Metal Matrisli Kompozitlerin Üretimi Ve Özelliklerinin İncelenmesi, Post Graduate, M.ÇAĞLAR(Student), 2018

ÇANAKÇI A., ZA27/Grafen/B4C Nanokompozitlerin Toz Metalurjisi Yöntemi ile Üretilmesi ve Özelliklerinin İncelenmesi, Doctorate, E.DENİZ(Student), 2018

ÇANAKÇI A., Al2024/B4C/SiC Nanokompozit ve Hibrit Kompozitlerin Üretimi ve Özelliklerinin İncelenmesi, Post Graduate, A.HASAN(Student), 2018

ÇANAKÇI A., ZA27/Grafit/Al2O3 Hibrit Nanokompozitlerin Üretilmesi ve Özelliklerinin İncelenmesi, Post Graduate, M.ÇELEBİ(Student), 2016

ÇANAKÇI A., Nano Partikül Takviyeli Bakır Esaslı Fonksiyonel Derecelendirilmiş Elektrik Kontak Malzemelerinin Üretimi ve Karakterizasyonu, Doctorate, T.VAROL(Student), 2016

ÇANAKÇI A., Fonksiyonel Derecelendirilmiş Al2024/SiC Kompozitlerin Üretimi ve Karakterizasyonu, Doctorate, F.ERDEMİR(Student), 2016

ÇANAKÇI A., AA2024-B4C Kompozitlerin Özelliklerine Yaşlandırma Parametrelerinin Etkisi, Post Graduate,

A.PATIR(Student), 2014

ÇANAKÇI A., AA2024 matrisli B4C Parçacık Takviyeli Metal Matrisli Kompozitlerin Toz Metalurjisi Yöntemiyle Üretimi ve Özelliklerinin İncelenmesi, Post Graduate, T.VAROL(Student), 2012

ÇANAKÇI A., Alüminyum Matrisli Al203 Parçacık Takviyeli Kompozitlerin Mekanik Alaşımlama Yöntemi ile Üretimi, Post Graduate, Ş.ERTOK(Student), 2011

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

- I. **Effect of Al₂O₃ content and milling time on the properties of silver coated Cu matrix composites fabricated by electroless plating and hot pressing**
GÜLER O., VAROL T., ALVER Ü., ÇANAKÇI A.
MATERIALS TODAY COMMUNICATIONS, vol.24, pp.101153, 2020 (Journal Indexed in SCI Expanded)
- II. **Effect of TiN, TiAlCN, AlCrN, and AlTiN ceramic coatings on corrosion behavior of tungsten carbide tool**
Bilgin S., GÜLER O., ALVER Ü., ERDEMİR F., ASLAN M., ÇANAKÇI A.
Journal of the Australian Ceramic Society, 2020 (Journal Indexed in SCI Expanded)
- III. **Novel ZA27/B4C/Graphite Hybrid Nanocomposite-Bearing Materials with Enhanced Wear and Corrosion Resistance**
GÜLER O., ÇELEBİ M., Dalmış R., ÇANAKÇI A., ÇUVALCI H.
Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020 (Journal Indexed in SCI)
- IV. **Investigating the surface integrity of aluminium based composites machined by EDM**
KUMAR S. S. , UTHAYAKUMAR M., KUMARAN S. T. , VAROL T., ÇANAKÇI A.
DEFENCE TECHNOLOGY, vol.15, pp.338-343, 2019 (Journal Indexed in SCI)
- V. **The effect of flake-like morphology on the coating properties of silver coated copper particles fabricated by electroless plating**
GÜLER O., VAROL T., ALVER Ü., ÇANAKÇI A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.782, pp.679-688, 2019 (Journal Indexed in SCI)
- VI. **Enhancement of Wear and Corrosion Resistance of ZA27/Nanographene Composites Produced by Powder Metallurgy**
YALÇIN E. D. , ÇANAKÇI A., ERDEMİR F., ÇUVALCI H., KARABACAK A. H.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, pp.1437-1445, 2019 (Journal Indexed in SCI)
- VII. **Prediction of effect of reinforcement content, flake size and flake time on the density and hardness of flake AA2024-SiC nanocomposites using neural networks**
VAROL T., ÇANAKÇI A., ÖZŞAHİN Ş.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.739, pp.1005-1014, 2018 (Journal Indexed in SCI)
- VIII. **The Effect of Mechanical Milling on Graphite-Boron Carbide Hybrid Reinforced ZA27 Nanocomposites**
Dalmis R., ÇUVALCI H., ÇANAKÇI A., GÜLER O., Celik E.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.43, pp.1113-1124, 2018 (Journal Indexed in SCI)
- IX. **Tribological behavior of ZA27/Al₂O₃/graphite hybrid nanocomposites**
GÜLER O., ÇUVALCI H., GÖKDAĞ M., ÇANAKÇI A., ÇELEBİ M.
PARTICULATE SCIENCE AND TECHNOLOGY, vol.36, pp.899-907, 2018 (Journal Indexed in SCI)
- X. **Determining the effect of flake matrix size and Al₂O₃ content on microstructure and mechanical properties of Al₂O₃ nanoparticle reinforced Al matrix composites**
VAROL T., ÇANAKÇI A., ÖZKAYA S., ERDEMİR F.
PARTICULATE SCIENCE AND TECHNOLOGY, vol.36, pp.312-323, 2018 (Journal Indexed in SCI)
- XI. **Artificial neural network-based prediction technique for coating thickness in Fe-Al coatings fabricated by mechanical milling**
VAROL T., ÇANAKÇI A., ÖZŞAHİN Ş., ERDEMİR F., ÖZKAYA S.

- PARTICULATE SCIENCE AND TECHNOLOGY, vol.36, pp.742-750, 2018 (Journal Indexed in SCI)
- XII. **Effect of nano-sized B4C addition on the mechanical properties of ZA27 composites**
Dalmış R., ÇUVALCI H., CANAKCI A., GÜLER O.
JOURNAL OF WUHAN UNIVERSITY OF TECHNOLOGY-MATERIALS SCIENCE EDITION, vol.32, pp.747-752, 2017
(Journal Indexed in SCI Expanded)
- XIII. **Fabrication of NanoSiC-Reinforced Al2024 Matrix Composites by a Novel Production Method**
VAROL T., ÇANAKÇI A., YALÇIN E. D.
Arabian Journal for Science and Engineering, vol.42, pp.1751-1764, 2017 (Journal Indexed in SCI)
- XIV. **An investigation on wear behavior of Cu-graphite nanocomposites prepared by flake powder metallurgy**
VAROL T., ÇANAKÇI A.
INDUSTRIAL LUBRICATION AND TRIBOLOGY, vol.69, pp.8-14, 2017 (Journal Indexed in SCI)
- XV. **THE EFFECT OF FLAKE MICROSTRUCTURE ON THE PREPARATION AND PROPERTIES OF Cu-GRAPHITE SINTERED NANOCOMPOSITES**
VAROL T., ÇANAKÇI A.
POWDER METALLURGY AND METAL CERAMICS, pp.426-436, 2016 (Journal Indexed in SCI Expanded)
- XVI. **Fabrication of NanoSiC-Reinforced Al2024 Matrix Composites by a Novel Production Method**
VAROL T., ÇANAKÇI A., YALÇIN E. D.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, pp.1-10, 2016 (Journal Indexed in SCI Expanded)
- XVII. **The effect of type and ratio of reinforcement on the synthesis and characterization Cu-based nanocomposites by flake powder metallurgy**
VAROL T., ÇANAKÇI A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.649, pp.1066-1074, 2015 (Journal Indexed in SCI)
- XVIII. **Corrosion and wear behavior of functionally graded Al2024/SiC composites produced by hot pressing and consolidation**
ERDEMİR F., ÇANAKÇI A., VAROL T., ÖZKAYA S.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.644, pp.589-596, 2015 (Journal Indexed in SCI)
- XIX. **Development and characterization of bronze-Cr-Ni composites produced by powder metallurgy**
ÇANAKÇI A., VAROL T., ÇUVALCI H., ERDEMİR F., ÖZKAYA S.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.22, pp.425-432, 2015 (Journal Indexed in SCI)
- XX. **Artificial neural network to predict the effect of heat treatment, reinforcement size, and volume fraction on AlCuMg alloy matrix composite properties fabricated by stir casting method**
ÇANAKÇI A., VAROL T., ÖZŞAHİN Ş.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.78, pp.305-317, 2015 (Journal Indexed in SCI)
- XXI. **Synthesis and characterization of hybrid nanocomposite powders via mechanical alloying**
ÇANAKÇI A., VAROL T., ÇUVALCI H., ERDEMİR F., ÖZKAYA S.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.45, pp.67-72, 2015 (Journal Indexed in SCI Expanded)
- XXII. **NEW COATING TECHNIQUE FOR Al-B4C COMPOSITE COATINGS BY MECHANICAL MILLING AND COMPOSITE COATING**
ÇANAKÇI A., VAROL T., ERDEMİR F., ÖZKAYA S.
POWDER METALLURGY AND METAL CERAMICS, no.53, pp.672-678, 2015 (Journal Indexed in SCI Expanded)
- XXIII. **New Coating Technique for Al-B4C Composite Coatings by Mechanical Milling and Composite Coating**
ÇANAKÇI A., VAROL T., ERDEMİR F., ÖZKAYA S.
POWDER METALLURGY AND METAL CERAMICS, vol.53, pp.672-679, 2015 (Journal Indexed in SCI)
- XXIV. **Synthesis and Characterization of Hybrid Nanocomposite powders via Mechanical Alloying**
ÇANAKÇI A., VAROL T., ÇUVALCI H., ERDEMİR F., ÖZKAYA S.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, no.1, pp.67-72, 2015 (Journal Indexed in SCI Expanded)
- XXV. **Modeling of the Prediction of Densification Behavior of Powder Metallurgy Al-Cu-Mg/B4C**

Composites Using Artificial Neural Networks

VAROL T., ÇANAKÇI A., ÖZŞAHİN Ş.

ACTA METALLURGICA SINICA-ENGLISH LETTERS, vol.28, pp.182-195, 2015 (Journal Indexed in SCI)

- XXVI. **SYNTHESIS AND CHARACTERIZATION OF HYBRID NANOCOMPOSITE POWDERS VIA MECHANICAL ALLOYING**
ÇANAKÇI A., VAROL T., ÇUVALCI H., ERDEMİR F., ÖZKAYA S.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.45, pp.67-72, 2015 (Journal Indexed in SCI)
- XXVII. **Effect of process parameters on the formation of Fe-Al intermetallic coating fabricated by mechanical alloying**
ÇANAKÇI A., ERDEMİR F., VAROL T., ÖZKAYA S.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.21, pp.595-600, 2014 (Journal Indexed in SCI)
- XXVIII. **Effects of a new pre-milling coating process on the formation and properties of an Fe-Al intermetallic coating**
ÇANAKÇI A., ERDEMİR F., VAROL T., Dalmis R., ÖZKAYA S.
POWDER TECHNOLOGY, vol.268, pp.110-117, 2014 (Journal Indexed in SCI)
- XXIX. **Microstructure and properties of AA7075/Al-SiC composites fabricated using powder metallurgy and hot pressing**
ÇANAKÇI A., VAROL T.
POWDER TECHNOLOGY, vol.268, pp.72-79, 2014 (Journal Indexed in SCI)
- XXX. **Microstructure and Abrasive Wear Behavior of CuSn10-Graphite Composites Produced by Powder Metallurgy**
ÇANAKÇI A., ÇUVALCI H., VAROL T., ERDEMİR F., ÖZKAYA S., YALÇIN E. D.
POWDER METALLURGY AND METAL CERAMICS, vol.53, pp.275-287, 2014 (Journal Indexed in SCI)
- XXXI. **Physical and mechanical properties of stir-casting processed AA2024/B4Cp composites**
ÇANAKÇI A., Arslan F., VAROL T.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.21, pp.505-515, 2014 (Journal Indexed in SCI)
- XXXII. **Prediction of Effect of Reinforcement Size and Volume Fraction on the Abrasive Wear Behavior of AA2014/B4Cp MMCs Using Artificial Neural Network**
ÇANAKÇI A., ÖZŞAHİN Ş., VAROL T.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.39, pp.6351-6361, 2014 (Journal Indexed in SCI)
- XXXIII. **Microstructure and properties of Fe-Al intermetallic coatings on the low carbon steel synthesized by mechanical alloying**
ÇANAKÇI A., VAROL T., ERDEMİR F., ÖZKAYA S., Mindivan H.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.73, pp.849-858, 2014 (Journal Indexed in SCI)
- XXXIV. **Prediction of the influence of processing parameters on synthesis of Al2024-B4C composite powders in a planetary mill using an artificial neural network**
VAROL T., ÇANAKÇI A., ÖZŞAHİN Ş.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.21, pp.411-420, 2014 (Journal Indexed in SCI)
- XXXV. **Prediction of the influence of processing parameters on synthesis of composite powders in planetary mill using artificial neural network**
VAROL T., ÇANAKÇI A., ÖZŞAHİN Ş.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.21, pp.411-420, 2014 (Journal Indexed in SCI Expanded)
- XXXVI. **Synthesis of novel CuSn10-graphite nanocomposite powders by mechanical alloying**
ÇANAKÇI A., VAROL T., ÇUVALCI H., ERDEMİR F., ÖZKAYA S., YALÇIN E. D.
MICRO & NANO LETTERS, vol.9, pp.109-112, 2014 (Journal Indexed in SCI)
- XXXVII. **Determining the effect of process parameters on particle size in mechanical milling using the Taguchi method: Measurement and analysis**

- ÇANAKÇI A., ERDEMİR F., VAROL T., Patir A.
MEASUREMENT, vol.46, pp.3532-3540, 2013 (Journal Indexed in SCI)
- XXXVIII. **Effect of weight percentage and particle size of B4C reinforcement on physical and mechanical properties of powder metallurgy Al2024-B4C composites**
VAROL T., ÇANAKÇI A.
METALS AND MATERIALS INTERNATIONAL, vol.19, pp.1227-1234, 2013 (Journal Indexed in SCI)
- XXXIX. **Artificial neural network modeling to effect of reinforcement properties on the physical and mechanical properties of Al2024-B4C composites produced by powder metallurgy**
VAROL T., ÇANAKÇI A., ÖZŞAHİN Ş.
COMPOSITES PART B-ENGINEERING, vol.54, pp.224-233, 2013 (Journal Indexed in SCI)
- XL. **Formation of Fe-Al intermetallic coating on low-carbon steel by a novel mechanical alloying technique**
ÇANAKÇI A., ERDEMİR F., VAROL T., ÖZKAYA S.
POWDER TECHNOLOGY, vol.247, pp.24-29, 2013 (Journal Indexed in SCI)
- XLI. **Effect of particle size and ratio of B4C reinforcement on properties and morphology of nanocrystalline Al2024-B4C composite powders**
VAROL T., ÇANAKÇI A.
POWDER TECHNOLOGY, vol.246, pp.462-472, 2013 (Journal Indexed in SCI)
- XLII. **Effect of volume fraction and size of B4C particles on production and microstructure properties of B4C reinforced aluminium alloy composites**
ÇANAKÇI A., Arslan F., VAROL T.
MATERIALS SCIENCE AND TECHNOLOGY, vol.29, pp.954-960, 2013 (Journal Indexed in SCI)
- XLIII. **Analysis of the effect of a new process control agent technique on the mechanical milling process using a neural network model: Measurement and modeling**
ÇANAKÇI A., VAROL T., ÖZŞAHİN Ş.
MEASUREMENT, vol.46, pp.1818-1827, 2013 (Journal Indexed in SCI)
- XLIV. **Synthesis and characterization of nanocrystalline Al 2024-B4C composite powders by mechanical alloying**
VAROL T., ÇANAKÇI A.
PHILOSOPHICAL MAGAZINE LETTERS, vol.93, pp.339-345, 2013 (Journal Indexed in SCI)
- XLV. **Prediction of effect of volume fraction, compact pressure and milling time on properties of Al-Al203 MMCs using neural networks**
ÇANAKÇI A., VAROL T., ÖZŞAHİN Ş.
METALS AND MATERIALS INTERNATIONAL, vol.19, pp.519-526, 2013 (Journal Indexed in SCI)
- XLVI. **STRUCTURAL EVOLUTION AND CHARACTERIZATION OF NANOSTRUCTURED Al-Al203 COMPOSITE FABRICATED BY MECHANICAL ALLOYING METHOD**
ÇANAKÇI A., VAROL T.
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.43, pp.312-319, 2013 (Journal Indexed in SCI)
- XLVII. **Abrasive wear behaviour of B4C particle reinforced Al2024 MMCs**
ÇANAKÇI A., Arslan F.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.63, pp.785-795, 2012 (Journal Indexed in SCI)
- XLVIII. **Effects of amount of methanol on characteristics of mechanically alloyed Al-Al203 composite powders**
ÇANAKÇI A., VAROL T., Nazik C.
MATERIALS TECHNOLOGY, vol.27, pp.320-327, 2012 (Journal Indexed in SCI)
- XLIX. **Modeling the influence of a process control agent on the properties of metal matrix composite powders using artificial neural networks**
ÇANAKÇI A., ÖZŞAHİN Ş., VAROL T.
POWDER TECHNOLOGY, vol.228, pp.26-35, 2012 (Journal Indexed in SCI)

- L. **The effect of mechanical alloying on Al₂O₃ distribution and properties of Al₂O₃ particle reinforced Al-MMCs**
 ÇANAKÇI A., VAROL T., Ertok S.
 SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.19, pp.227-235, 2012 (Journal Indexed in SCI)
- LI. **Microstructure and abrasive wear behaviour of B₄C particle reinforced 2014 Al matrix composites**
 Canakci A.
 JOURNAL OF MATERIALS SCIENCE, vol.46, pp.2805-2813, 2011 (Journal Indexed in SCI)
- LII. **Pre-treatment process of B₄C particles to improve incorporation into molten AA2014 alloy**
 Canakci A., Arslan F., Yasar I.
 JOURNAL OF MATERIALS SCIENCE, vol.42, pp.9536-9542, 2007 (Journal Indexed in SCI)
- LIII. **The effect of brush spring pressure on the wear behaviour of copper-graphite brushes with electrical current**
 Yasar I., Canakci A., Arslan F.
 TRIBOLOGY INTERNATIONAL, vol.40, pp.1381-1386, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The effects of cavity disinfection on the nanoleakage of compomer restorations: an in vitro study**
 Arslan I., BAYGIN Ö., TÜZÜNER T., ERDEMİR F., ÇANAKÇI A., KORKMAZ F. M.
 EUROPEAN ORAL RESEARCH, vol.54, pp.16-24, 2020 (Journal Indexed in ESCI)
- II. **The Effect of Milling Time on the Mechanical Properties of ZA27/Al₂O₃ Nanocomposites**
 ÇELEBİ M., ÇANAKÇI A., ÖZKAYA S., KARABACAK A. H.
 Universal Journal of Materials Science, pp.163-169, 2018 (Refereed Journals of Other Institutions)
- III. **The Effect of Milling Time on the Mechanical Properties of ZA27/Al₂O₃ Nanocomposites**
 ÇELEBİ M., ÇANAKÇI A., ÖZKAYA S., KARABACAK A. H.
 Universal Journal of Materials Science, vol.6, pp.163-169, 2018 (Refereed Journals of Other Institutions)
- IV. **The Effect of Milling Time on the Mechanical Properties of ZA27/Al₂O₃ Nanocomposites**
 ÇELEBİ M., ÇANAKÇI A., ÖZKAYA S., KARABACAK A. H.
 Universal Journal of Materials Science, pp.163-169, 2018 (Refereed Journals of Other Institutions)
- V. **The Effect of Milling Time on the Mechanical Properties of ZA27/Al₂O₃ Nanocomposites**
 ÇELEBİ M., ÇANAKÇI A., ÖZKAYA S., KARABACAK A. H.
 Universal Journal of Materials Science, pp.163-169, 2018 (Refereed Journals of Other Institutions)
- VI. **PRODUCTION AND PROPERTIES OF AL₂O₃-2 WT.% (SiC-B₄C) HYBRID NANOCOMPOSITE**
 KARABACAK A. H. , ÇANAKÇI A., ÖZKAYA S., ÇELEBİ M., YALÇIN E. D.
 Technological Applied Sciences, vol.13, pp.29-33, 2018 (National Refreed University Journal)
- VII. **TOZ METALURJİSİ YÖNTEMİYLE ÜRETİLEN ZA27/GRAFEN NANOKOMPOZİTLERİN KOROZYON DAVRANIŞI**
 YALÇIN E. D. , ÇANAKÇI A.
 Technological Applied Sciences, vol.13, pp.157-164, 2018 (Other Refereed National Journals)
- VIII. **PRODUCTION AND PROPERTIES OF AL₂O₃-2 WT.% (SiC-B₄C) HYBRID NANOCOMPOSITE**
 KARABACAK A. H. , ÇANAKÇI A., ÖZKAYA S., ÇELEBİ M., YALÇIN E. D.
 Technological Applied Sciences, vol.13, pp.29-33, 2018 (International Refreed University Journal)
- IX. **The Characterization of Graphite Nanoparticle Reinforced ZA27 based Nanocomposites Fabricated by Powder Metallurgy**
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