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Yoksis Researcher ID: 172725

Dissertations

Doctorate, Fosfinoksit içeren yeni polimerlerin sentezi ve membran uygulamaları, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Metal Eğitimi (Dr), 2006

Postgraduate, Epoksi reçinelerinin kauçukla toklaştırılması, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Metal Eğitimi (YI) (Tezli), 2000

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2019 - Continues

Assistant Professor, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2011 - 2019

Lecturer PhD, Marmara University, Faculty of Technical Education, Metal Education, 2006 - 2011

Research Assistant, Marmara University, Faculty of Technical Education, Metal Education, 1998 - 2006

Advising Theses

Çakır M., ULTRAVİYOLE IŞIKLA KÜRELENEBİLEN ORGANİK-İNORGANİK HİBRİT MALZEMELERİN SENTEZİ VE KARAKTERİZASYONU, Postgraduate, B.BERBEROĞLU(Student), 2020

ÇAKIR M., Grafen oksit içeren aerogellerin hazırlanması ve karakterizasyonu, Postgraduate, H.MERT(Student), 2019

ÇAKIR M., Grafen içeren poliimid köpüklerin sentezi ve karakterizasyonu, Postgraduate, V.KILIÇ(Student), 2019

ÇAKIR M., Bor karbür üretimi ve özelliklerinin belirlenmesi, Postgraduate, C.GÜLDAŞ(Student), 2018

ÇAKIR M., ARTIR R., Synthesis and characterization of novel polyimide for hydrophobic coating, Postgraduate, E.AKIN(Student), 2017

ÇAKIR M., ARTIR R., Coating of low carbon steel with UV curable hybrid polymers, Postgraduate, K.GÜNSAY(Student),

2014

ÇAKIR M., UV ışınlarıyla sertleşebilen flor içeren hibrit kaplama uygulamaları ve karakterizasyonu, Postgraduate, O.ÖZDEMİR(Student), 2013

ÇAKIR M., UV ışınları ile sertleşebilen yüzey kaplama uygulamaları ve karakterizasyonu, Postgraduate, B.HİLAL(Student), 2012

ÇAKIR M., UV Işınlarıyla Sertleşebilen Hibrit Kaplamaların Tribolojik Özelliklerinin İncelenmesi, Postgraduate, H.GELMEZ(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mechanical and thermal properties of fumed silica-incorporated silane-terminated urethane/epoxy-interpenetrating polymer network nanocomposites**
AKIN E., ÇAKIR M., KARTAL İ.
Polymer Engineering and Science, vol.64, no.8, pp.3854-3868, 2024 (SCI-Expanded)
- II. **Wear, thermal, corrosion, and physical properties of novel UV-cured nanocomposite hybrid coatings with fluorine-containing silica networks**
ÇAKIR M., AKIN E., Günsay K., ARTIR R.
Journal of Coatings Technology and Research, vol.21, no.4, pp.1343-1360, 2024 (SCI-Expanded)
- III. **Multi-featured epoxy composites filled with surface-modified PTFE powders treated by Naphthalenide system**
AKIN E., ÇAKIR M., DEMİRER H.
Journal of Applied Polymer Science, vol.141, no.7, 2024 (SCI-Expanded)
- IV. **Mechanical properties of carbon-aramid hybrid fiber-reinforced epoxy/poly(vinyl butyral) composites**
ÇAKIR M., AKIN E., Renda G.
Polymer Composites, vol.44, no.8, pp.4826-4841, 2023 (SCI-Expanded)
- V. **Characterization of carbon fiber-reinforced thermoplastic and thermosetting polyimide matrix composites manufactured by using various synthesized PI precursor resins**
ÇAKIR M., AKIN E.
Composites Part B: Engineering, vol.231, 2022 (SCI-Expanded)
- VI. **Mechanical properties of low-density heat-resistant polyimide-based advanced composite sandwich panels**
Çakır M., Akın E.
POLYMER COMPOSITES, vol.43, no.2, pp.827-847, 2022 (SCI-Expanded)
- VII. **Graphene oxide-containing isocyanate-based polyimide foams: Enhanced thermal stability and flame retardancy**
ÇAKIR M., Kilic V., BOZTOPRAK Y., Ozmen F. K.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, 2021 (SCI-Expanded)
- VIII. **Graphene oxide/epoxy acrylate nanocomposite production via SLA and importance of graphene oxide surface modification for mechanical properties**
Uysal E., ÇAKIR M., EKİCİ B.
Rapid Prototyping Journal, vol.27, pp.682-691, 2021 (SCI-Expanded)
- IX. **Coating properties of 1H,1H-perfluorooctylamine-terminated polyimides based on hexafluoroisopropylidene diphthalic anhydride and 1,4,5,8 naphthalenetetracarboxylic dianhydride**
ÇAKIR M., AKIN E., ARTIR R.
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.16, no.3, pp.699-710, 2019 (SCI-Expanded)
- X. **Wear, thermal, and physical properties of fluorine-containing polyimide/silica hybrid nanocomposite coatings**
ÇAKIR M., AKIN E.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.16, 2019 (SCI-Expanded)

- XI. **Magnetic and microwave absorption properties of PVB/Fe₃O₄ and PVB/NiFe₂O₄ composites**
AKINAY Y., HAYAT F., ÇAKIR M., AKIN E.
POLYMER COMPOSITES, vol.39, no.10, pp.3418-3423, 2018 (SCI-Expanded)
- XII. **The Effects of Drilling Operation on the Surface Roughness of Modified GFRP Composites**
Cavusoglu I., Durakbasa M. N., Cakir M.
ACTA PHYSICA POLONICA A, vol.134, no.1, pp.339-341, 2018 (SCI-Expanded)
- XIII. **Analysis of Surface Modification of GFRP and Influence on the Drilled Part Delamination**
Cavusoglu I., Durakbasa M. N., Cakir M.
ACTA PHYSICA POLONICA A, vol.131, no.3, pp.423-427, 2017 (SCI-Expanded)
- XIV. **Improvement of the Surface Properties of Polystyrene Sheets via UV Curable Organic-Inorganic Hybrid Coatings**
Demirer H., Kartal İ., Cakir M.
ACTA PHYSICA POLONICA A, vol.131, pp.555-558, 2017 (SCI-Expanded)
- XV. **Investigation of Coating Performance of UV-Curable Hybrid Polymers Containing 1H,1H,2H,2H-Perfluorooctyltriethoxysilane Coated on Aluminum Substrates**
ÇAKIR M.
COATINGS, vol.7, no.3, 2017 (SCI-Expanded)
- XVI. **The preparation of UV-cured superhydrophobic cotton fabric surfaces by electrospinning method**
ÇAKIR M., KARTAL İ., YILDIZ Z.
TEXTILE RESEARCH JOURNAL, vol.84, no.14, pp.1528-1538, 2014 (SCI-Expanded)
- XVII. **Phosphorus-containing sulfonated polyimides for proton exchange membranes**
Cakir M., Karataş S., Menciloglu Y., Kayaman Apohan N., Guengoer A.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.209, pp.919-929, 2008 (SCI-Expanded)
- XVIII. **UV-curable interpenetrating polymer networks based on acrylate/vinylether functionalized urethane oligomers**
Kayaman-Apohan N., Demirci R., Cakir M., Gungor A.
RADIATION PHYSICS AND CHEMISTRY, vol.73, no.5, pp.254-262, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Floro Silan İçerikli Hibrid Kaplama ile Kaplanmış Alüminyum Levhaların Aşınma ve Termal Özelliklerinin İncelenmesi**
KARTAL İ., ÇAKIR M.
Marmara University, vol.1, no.2, pp.1-6, 2019 (Peer-Reviewed Journal)
- II. **Synthesizing UV Curable Silicon Acrylate Resins for SLA Type 3D Printers and Characterization of Mechanical, Thermal and Morphological Properties**
UYSAL E., ÇAKIR M., EKİCİ B.
Journal of Current Research on Engineering, Science and Technology, vol.5, no.1, pp.47-56, 2019 (Peer-Reviewed Journal)
- III. **Çift Kür Olabilen Hidrofob Kaplamaların Mekanik, Yüzey ve Termal Özelliklerinin İncelenmesi**
ÇAKIR M.
Marmara Fen Bilimleri Dergisi, pp.306-324, 2018 (Peer-Reviewed Journal)
- IV. **E-Cam Elyaf Takviyeli Epoksi Matrisli Kompozit Malzemelerin Elyaf Oranındaki Artış İle Mekanik Özelliklerindeki Değişimlerin İncelenmesi**
ÇAKIR M., berberoğlu B.
El-Cezeri Fen ve Mühendislik Dergisi, vol.5, pp.734-740, 2018 (Peer-Reviewed Journal)
- V. **Characterization of Coating Properties of UV-curable Fluorine-Containing Coatings**
ÇAKIR M., AKIN E., ulak p.
El-Cezeri Fen ve Mühendislik Dergisi, vol.5, pp.836-844, 2018 (Peer-Reviewed Journal)
- VI. **Effect of surface Modification of Fumed Silica on Mechanical Properties of Unsaturated Polyester**

Composites

ÇAKIR M., ramazan s., ÇELİK A. A.

ASIAN JOURNAL OF CHEMISTRY, vol.27, pp.4120-4124, 2015 (Scopus)

VII. **Effect of Water Absorption on the Wear Behavior of Sol Gel Processed Epoxy Silica Hybrids**

Çakır M., Kartal İ., Demirer H., Samur R.

SCIENTIFIC RESEARCH AND ESSAYS, vol.7, no.7, pp.805-812, 2012 (Peer-Reviewed Journal)

VIII. **Effect of water absorption on the wear behavior of sol gel processed epoxy silica hybrids**

ÇAKIR M., KARTAL İ., DEMİRER H., SAMUR R.

Scientific Research and Essays, vol.7, pp.805-812, 2012 (Peer-Reviewed Journal)

IX. **Polyester-Epoksi Karışımının Mekanik Özelliklerinin İncelenmesi**

KARTAL İ., BOZTOPRAK Y., ÇAKIR M.

Ambalaj Plastik Dergisi, no.19, 2007 (Peer-Reviewed Journal)

X. **Sol-Jel Kaplama Yöntemine Genel Bir Bakış**

BOZTOPRAK Y., ÇAKIR M., KARTAL İ.

Ambalaj Plastik Dergisi, no.18, 2007 (Peer-Reviewed Journal)

XI. **UV İle Sertleşebilen Kaplamaların Uygulanabilirliği**

BOZTOPRAK Y., KARTAL İ., ÇAKIR M.

Plastik Ve Ambalaj Teknolojisi, no.126, 2007 (Peer-Reviewed Journal)

XII. **Hibrid Kaplamaların Özellikleri Ve Uygulama Alanları**

BOZTOPRAK Y., ÇAKIR M., KARTAL İ.

PAGEV Plastik Araştırma-Geliştirme Ve İnceleme Dergisi, no.92, 2007 (Peer-Reviewed Journal)

XIII. **UV Işınlarıyla Sertleşebilen Kaplama Teknolojisi**

KARTAL İ., ÇAKIR M., BOZTOPRAK Y.

Plastik Ve Ambalaj Teknolojisi, no.123, 2007 (Peer-Reviewed Journal)

XIV. **İç İçe Girmiş Polimerik Ağ Yapılar**

KARTAL İ., ÇAKIR M., BOZTOPRAK Y.

PAGEV Plastik Araştırma-Geliştirme Ve İnceleme Dergisi, no.90, 2007 (Peer-Reviewed Journal)

XV. **Polimerlerde Kullanılan Karbon Siyahının Özellikleri 2**

KARTAL İ., ÇAKIR M., BOZTOPRAK Y., DEMİRER H.

PAGEV Plastik Araştırma-Geliştirme Ve İnceleme Dergisi, no.81, 2005 (Peer-Reviewed Journal)

XVI. **Polimerlerde Kullanılan Karbon Siyahının Genel Özellikleri 1**

KARTAL İ., ÇAKIR M., BOZTOPRAK Y., DEMİRER H.

PAGEV Plastik Araştırma-Geliştirme Ve İnceleme Dergisi, no.80, 2005 (Peer-Reviewed Journal)

XVII. **Enjeksiyonla Kalıplanmış Parçalarda Oluşan Yönlendirme Ve Artık Gerilmelerin Belirlenmesi**

ÇAKIR M., BOZTOPRAK Y.

PAGEV Plastik Araştırma-Geliştirme Ve İnceleme Dergisi, no.62, 2002 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Synthesis and Characterization of Flexible Butadien Containing Resin for 3D SLA Printers**

Akın E., Çakır M., Berberoğlu B.

Global Summit on Advanced Materials and Sustainable Energy, Van, Turkey, 3 - 04 October 2022

II. **URETHANE ACRYLATE AND SILICON ACRYLATE CONTAINING NOVEL EPOXY ACRYLATE SYSTEMS FOR SLA 3D PRINTERS**

Çakır M., Akın E., Berberoğlu B.

International Congress on Innovation Technologies & Engineering, İzmir, Turkey, 2 - 04 September 2022

III. **PREPERATION AND CHARACTERIZATION OF NOVEL MODIFIED GRAPHENE OXIDE REINFORCED NANOCOMPOSITE MATERIALS BY SLA 3D PRINTER**

Akın E., Çakır M., Berberoğlu B.

2rd International Natural Science, Engineering and Materials Technology Conference, Kırklareli, Turkey, 15 - 17

September 2022

- IV. **Synthesis and Characterization of Flexible Polydimethylsiloxane Containing Resin for 3D SLA Printers**
Akn E., Çakır M., Berberoğlu B.
Global Summit on Advanced Materials and Sustainable Energy, Van, Turkey, 3 - 04 October 2022
- V. **CHARACTERIZATION AND SYNTHESIS OF UV-CURABLE HARD HYBRID COATINGS**
ÇAKIR M., SOYSEVER R., CAMADANLI Ş.
The International Conference on Material Science and Technology (IMSTEC 2019), 18 - 20 October 2019
- VI. **PREPARATION AND CHARACTERIZATION OF SILANE-TERMINATED SILICONE CONTAINING AEROGELS**
ÇAKIR M., Berberoğlu B., SEVİM A.
The International Conference on Material Science and Technology (IMSTEC 2019), 18 - 20 October 2019
- VII. **MECHANICAL PROPERTIES OF EPOXY/PVB BLENDS BY SOLUTION CASTING**
ÇAKIR M., AKIN E., RENDA G.
The International Conference on Material Science and Technology (IMSTEC 2019), 18 - 20 October 2019
- VIII. **Coating Of Silicon Acrylate Nanocomposite Containing Fluorine Chains And Silica On Low Carbon Steel By Uv Curing Method**
ÇAKIR M., AKIN E., AKINAY Y.
The International Aluminium-Themed Engineering And Natural Sciences Conference, 2 - 04 October 2019
- IX. **Investigation Of Thermal And Surface Properties Of Transparent Polyurethane Coatings Containing Fluorine Chains**
ÇAKIR M., AKIN E., KURT M. B.
The International Aluminium-Themed Engineering And Natural Sciences Conference, 2 - 04 October 2019
- X. **SYNTHESIZING UV CURABLE SILICON ACRYLATE RESINS FOR SLA TYPE 3D PRINTERS AND CHARACTERIZATION OF MECHANICAL, THERMAL AND MORPHOLOGICAL PROPERTIES**
UYSAL E., ÇAKIR M., EKİCİ B.
International Conference on Multidisciplinary Sciences (icomus) 2019, 22 - 24 August 2019
- XI. **INVESTIGATION OF MECHANICAL PROPERTIES AND SYNTHESIS OF UV-CURABLE ORGANIC-INORGANIC HYBRID POLYMERS**
ÇAKIR M., BERBEROĞLU B.
The International Conference on Material Science and Technology (IMSTEC 2019), 18 - 20 October 2019
- XII. **INVESTIGATION OF THE EFFECT OF BLOWING AGENT AND SURFACTANT CONCENTRATION ON ISOCYANATE-BASED POLYIMIDE FOAMS**
KILIÇ V., AKIN E., ÇAKIR M., TOPCU H. M.
IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS) 02-06 MAY 2018, UKRAINE, 2 - 06 May 2018
- XIII. **INVESTIGATION OF THE EFFECT OF GRAPHENE OXIDE CONCENTRATION ON ISOCYANATE-BASED POLYIMIDE FOAMS**
KILIÇ V., AKIN E., ÇAKIR M., TOPCU H. M.
IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS) 02-06 MAY 2018, UKRAINE, 2 - 06 May 2018
- XIV. **Preparation and study on radar absorbing materials of epoxy-Fe₃O₄ composites and the influence of PANI on microwave absorbing properties of NiFe₂O₄/PVB composites**
AKINAY Y., HAYAT F., AKIN E., ÇAKIR M.
20th International Conference on Advanced Nanotechnology, Netherlands, 11 September - 12 December 2017, vol.3, pp.3043-3050
- XV. **Preparation of Graphene Oxide Containing Isocyanate-based Polyimide Foam**
KILIÇ V., AKIN E., ÇAKIR M., TOPCU H. M.
Joint Science Congress of Materials and Polymers, 23 - 28 August 2017
- XVI. **TWO STEP METHOD FOR PRODUCING SILICA AEROGEL**
Topcu H. M., ÇAKIR M., AKIN E., KILIÇ V.
Joint Science Congress of Materials and Polymers, 23 - 28 August 2017

- XVII. Investigation on Coating Properties of Epoxyacrylate Containing Long Fluorine Chains Cured by UV method**
AKIN E., ÇAKIR M., Ulak P., Topcu H. M., Kılıç V.
Joint Science Congress of Materials and Polymers, 23 - 28 August 2017
- XVIII. Determining the Coating Performance of UV Curable Hydrophobic Coating onto PMMA**
ÇAKIR M., AKIN E., TOPCU H. M., KILIÇ V.
Joint Science Congress of Materials and Polymers, 23 - 28 August 2017
- XIX. Analysis and Evaluation of Surface Roughness on the Modified GFRP Composites**
ÇAVUŞOĞLU İ., Durakbaşa M. N., ÇAKIR M.
APMAS 2017, 22 - 26 April 2017
- XX. Synthesis and characterization of novel polyimide for hydrofobic coating**
AKIN E., ÇAKIR M., ARTIR R.
16 th International Materials Symposium (IMSP'2016), Denizli, Turkey, 12 - 14 October 2016, pp.1529-1536
- XXI. Thermal and Surface Properties of a Novel Hybrid Polyimide Containing Fluorine Chains**
AKIN E., ÇAKIR M., AKINAY Y.
European Advanced Materials Congress, Stockholm, Sweden, 23 - 25 August 2016
- XXII. SYNTHESIS AND CHARACTERIZATION OF NOVEL POLYIMIDE FOR HYDROFOBIC COATING**
AKIN E., ÇAKIR M., ARTIR R.
16th International Materials Symposium (IMSP'2016), Denizli, Turkey, 12 - 14 October 2016
- XXIII. Synthesis and Characterization of Novel Polyimide for Hydrofobic Coatings**
AKIN E., ÇAKIR M., ARTIR R.
16 th International Materials symposium IMPS 2016, 12 - 14 October 2016
- XXIV. Mechanical, Thermal and Surface Properties of a Novel Hybrid Polyimide Containing Fluorine Chains**
Akin E., Çakır M., Akınay Y.
European Advanced Materials Congress, Stockholm, Sweden, 23 - 25 August 2016
- XXV. Improvement of the Surface Properties of Polystyrene Sheets via UV Curable Organic-Inorganic Hybrid Coatings**
DEMİRER H., KARTAL İ., ÇAKIR M.
International Advances in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016
- XXVI. GRAFEN OKSİT İÇEREN POLİMERLERİN AŞINMA YÜZEY MORFOLOJİSİNİN İNCELENMESİ**
KARTAL İ., ÇAKIR M., BOZTOPRAK Y.
International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), April 6-8, 2016, Nevşehir, Turkey, Nevşehir, Turkey, 6 - 08 April 2016
- XXVII. Analysis and Evaluation of Surface Modification Contributed on GFRP for Drilled Part Delamination**
ÇAVUŞOĞLU İ., durakbaşa m. n., ÇAKIR M.
6th International Advances in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016
- XXVIII. MODİFİYE GRAFEN OKSİT İÇEREN POLİMERİK KAPLAMANIN PERFORMANSININ İNCELENMESİ**
ÇAKIR M., helvacıoğlu h. i.
International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), April 6-8, 2016, Nevşehir, Turkey, 6 - 08 April 2016
- XXIX. Improvement of the Surface Properties of Polystyrene sheets via UV Curable Organic Inorganic Hybrid Coatings**
KARTAL İ., ÇAKIR M., DEMİRER H.
6th International Advanced in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016
- XXX. MECHANICAL PROPERTIES OF SILANE TERMINATED URETHANE EPOXY INTERPENETRATING NETWORK**
ÇAKIR M., AKIN E.
International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), April 6-8, 2016, Nevşehir, Turkey, 6 - 08 April 2016
- XXXI. Improvement of the Surface Properties of Polystyrene Sheets via UV Curable Organic-Inorganic Hybrid Coatings**

- DEMİRER H., KARTAL İ., ÇAKIR M.
International Advances in Applied Physics and Materials Science Congress Exhibition, 1 - 03 June 2016
- XXXII. **GRAFEN OKSİT İÇEREN POLİMERLERİN KAPLAMA PERFORMANSININ İNCELENMESİ**
ÇAKIR M., BOZTOPRAK Y., KARTAL İ.
International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), April 6-8, 2016, Nevşehir, Turkey, 6 - 08 April 2016
- XXXIII. **IMPROVEMENT OF THE SURFACE PROPERTIES OF POLYSTYRENE SHEETS VIA UV CURABLE ORGANIC INORGANIC HYBRID COATINGS**
DEMİRER H., KARTAL İ., ÇAKIR M.
6th International Advances in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016
- XXXIV. **Investigation Of Wear Properties Of Polymers Containing Graphene Oxide**
KARTAL İ., ÇAKIR M., BOZTOPRAK Y.
International Conference On Material Science And Technology In Cappadocia (IMSTEC'16), Nevşehir, Turkey, 6 - 08 April 2016
- XXXV. **Investigation Of Coating Performance Of Polymers Containing Graphene Oxide**
ÇAKIR M., BOZTOPRAK Y., KARTAL İ.
International Conference On Material Science And Technology In Cappadocia (IMSTEC'16, Nevşehir, Turkey, 6 - 08 April 2016
- XXXVI. **The optimization of drilling parameters of glass fiber reinforced plastics via taguchi method**
Çavuşoğlu İ., Çakır M., Durakbaşı M. N., Walcher E. M.
Multiscience XXX. microCAD international multidisciplinary scientific conference, 21 - 22 April 2016
- XXXVII. **THE OPTIMIZATION OF DRILLING PARAMETERS OF GLASSFIBER REINFORCED PLASTICS VIA TAGUCHI METHOD**
ÇAVUŞOĞLU İ., ÇAKIR M., Numan M D., Eva Maria W.
MultiScience - XXX. microCAD International Multidisciplinary Scientific Conference University of Miskolc, Hungary, 21-22 April 2016, ISBN 978-963-358-113-1, 21 - 22 April 2016
- XXXVIII. **Grafen Oksit İçeren Polimerlerin Aşınma Yüzey Morfolojisinin İncelenmesi**
KARTAL İ., ÇAKIR M., BOZTOPRAK Y.
1. Uluslararası Malzeme Bilimi ve Teknolojisi Konferansı, 6 - 08 April 2016
- XXXIX. **GRAFEN OKSİT İÇEREN POLİMERLERİN AŞINMA YÜZEY MORFOLOJİSİNİN İNCELENMESİ**
KARTAL İ., ÇAKIR M., BOZTOPRAK Y.
Uluslararası Malzeme Bilimi ve Teknolojisi Konferansı, 6 - 08 April 2016
- XL. **GRAFEN OKSİT İÇEREN POLİMERLERİN KAPLAMA PERFORMANSLARININ İNCELENMESİ**
ÇAKIR M., BOZTOPRAK Y., KARTAL İ.
Uluslararası Malzeme Bilimi Teknolojisi Konferansı, 06 April 2016
- XLI. **Improvement of the Surface Properties of Polystyrene Sheets via UV Curable Organic-Inorganic Hybrid Coatings**
DEMİRER H., KARTAL İ., ÇAKIR M.
International Advances in Applied Physics and Materials Science Congress Exhibition, 17 - 20 March 2016
- XLII. **INVESTIGATING MECHANICAL PROPERTIES OF COMPOSITES PREPARED BY THREE DIMENSIONAL HYBRID FIBERS**
BOZTOPRAK Y., ÇAKIR M., KAYAR M., DUĞA H., DAL V.
1st International Conference on Engineering and Natural Sciences, 15 - 19 May 2015
- XLIII. **INVESTIGATION OF BALLISTIC PROPERTIES OF HYBRID COMPOSITES**
BOZTOPRAK Y., ÇAKIR M., KARTAL İ., DEMİRER H.
1st International Conference on Engineering and Natural Sciences, 15 - 19 May 2015
- XLIV. **Polistiren Levhaların Yüzey Özelliklerini UV Işınlarıyla Sertleşebilen Hibrid Kaplamalar ile İyileştirilmesi**
KARTAL İ., ÇAKIR M.
14. Uluslararası Malzeme Sempozyumu, 10 - 12 October 2012
- XLV. **POLİSTİREN LEVHALARIN YÜZEY ÖZELLİKLERİNİN UV IŞINLARIYLA SERTLEŞEBİLEN SERTLEŞEBİLEN**

HİBRİT KAPLAMALAR İLE İYİLEŞTİRİLMESİ

KARTAL İ., ÇAKIR M.

14th International Materials Symposium, 10 - 12 October 2012

XLVI. Polyester Polyamid ve Cam Elyaf Takviyeli Hibrid Kompozitlerin Mekanik Özelliklerin İncelenmesi

KARTAL İ., ÇAKIR M.

14. Uluslararası Malzeme Sempozyumu, 10 - 12 October 2012

XLVII. POLYESTER/POLYAMİD VE CAM ELYAF TAKVİYELİ HİBRİD KOMPOZİTLERİN MEKANİK ÖZELLİKLERİNİN İNCELENMESİ

KARTAL İ., ÇAKIR M.

14th International Materials Symposium, 10 - 12 October 2012

XLVIII. Florosilan Hibridle Modifiye Edilmiş Uv Lakların Yüzey Özelliklerinin İncelenmesi

BEYTUT H. N., ÇAKIR M., KARTAL İ., ŞENGÜL M., TUTAK D.

IV. Uluslararası Matbaa Teknolojileri Sempozyumu, 24 - 26 November 2011

XLIX. Poliamid Esasli Kord Bezi Takviyeli Polyester Matrisli Kompozit Malzemenin Mekanik Özelliklerinin İncelenmesi

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