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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAB-4310-2021

ScopusID: 6507059287

Yoksis Researcher ID: 17956

Education Information

Post Doctorate, Cornell University, Faculty of Engineering, Materials Science and Engineering, United States Of America
2006 - 2007

Doctorate, University of Massachusetts at Amherst, College of Natural Sciences, Polymer Science and Engineering, United
States Of America 2001 - 2006

Undergraduate, Koc University, Fen Fakültesi, Kimya Bölümü, Turkey 1995 - 2000

Dissertations

Doctorate, Morphological Studies of Graft Copolymers with Different Molecular Architectures, University Of
Massachusetts, Kimya, 2006

Research Areas

Polymeric Materials, Material Characterization, Nanomaterials

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2020 -
Continues

Associate Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2014
- 2020

Assistant Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, 2008 -
2014

Research Assistant PhD, Cornell University, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği, 2006 - 2007

Research Assistant, University of Massachusetts Amherst, Doğa Bilimleri Fakültesi, Polimer Bilimi Ve Mühendisliği, 2000 -
2006

Academic and Administrative Experience

Ondokuz Mayıs University, 2020 - Continues
Ondokuz Mayıs University, 2020 - Continues
Ondokuz Mayıs University, 2020 - Continues
Ondokuz Mayıs University, 2014 - 2018
Ondokuz Mayıs University, 2014 - 2018
Ondokuz Mayıs University, 2012 - 2016
Ondokuz Mayıs University, 2012 - 2016

Courses

IMBM 209 MATERIALS AND ENERGY, Undergraduate, 2022 - 2023, 2019 - 2020
ENNT 715 Thermodynamics and Kinetics of Nanomaterials, Doctorate, 2022 - 2023
MBM 620 İleri Malzeme Karakterizasyonu, Postgraduate, 2022 - 2023, 2019 - 2020, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
MBM 411 MALZEME MUHENDİSLİĞİNDE ÖZEL KONULAR I, Undergraduate, 2019 - 2020
MBM 209 MALZEME VE ENERJİ, Undergraduate, 2019 - 2020, 2013 - 2014
MBM 803 UZMANLIK ALAN DERSİ I, Postgraduate, 2019 - 2020, 2018 - 2019
ENNT 702 STRUCTURE-PROPERTY RELATIONS IN COMPOSITE MATERIALS, Doctorate, 2019 - 2020
MBM 205 MALZEME BİLİMİ I, Undergraduate, 2019 - 2020, 2012 - 2013
ENNT 913 UZMANLIK ALAN DERSİ I, Doctorate, 2019 - 2020, 2018 - 2019
MBM 313 MALZEME ÜRETİM LABORATUVARI I, Undergraduate, 2019 - 2020
ENNT 813 UZMANLIK ALAN DERSİ I, Postgraduate, 2019 - 2020, 2018 - 2019
IMBM 205 MATERIALS SCIENCE I, Undergraduate, 2019 - 2020
IMBM 324 RUBBER TECHNOLOGY, Undergraduate, 2018 - 2019
MBM 804 UZMANLIK ALAN DERSİ II, Postgraduate, 2018 - 2019, 2016 - 2017, 2011 - 2012
MBM 424 POLİMER MÜHENDİSLİĞİ, Undergraduate, 2018 - 2019, 2014 - 2015
ENNT 614 NANOTECHNOLOGY APPLICATIONS IN INDUSTRY, Postgraduate, 2018 - 2019
ENNT 620 FABRICATION TECHNIQUES IN THIN SOLID FILMS, Postgraduate, 2018 - 2019
MBM 309 MALZEME ÜRETİM LABORATUVARI I, Undergraduate, 2018 - 2019, 2014 - 2015
MBM 206 MALZEME KARAKTERİZASYON TEKNİKLERİ, Undergraduate, 2018 - 2019, 2016 - 2017
MBM 618 İLERİ NANOMALZEMELER VE UYGULAMALARI, Postgraduate, 2018 - 2019, 2014 - 2015, 2013 - 2014, 2012 - 2013
IMBM 206 MATERIALS CHARACTERIZATION TECHNIQUES, Undergraduate, 2018 - 2019
ENNT 814 UZMANLIK ALAN DERSİ II, Postgraduate, 2018 - 2019
MBM 407 MALZEME BİLİMİ VE MÜHENDİSLİĞİNDE ÖZEL KONULAR I, Undergraduate, 2018 - 2019, 2015 - 2016, 2014 - 2015, 2012 - 2013
ENNT 914 UZMANLIK ALAN DERSİ II, Doctorate, 2018 - 2019
MALZEME ÜRETİM LABORATUVARI I, Undergraduate, 2018 - 2019, 2016 - 2017
MATERIALS AND ENERGY, Undergraduate, 2018 - 2019, 2017 - 2018
ENNT 615 POLYMER CHARACTERIZATION, Postgraduate, 2018 - 2019
MBM 305 TAŞINIM OLAYLARI, Undergraduate, 2018 - 2019, 2014 - 2015, 2013 - 2014
MBM 307 POLİMER MALZEMELER, Undergraduate, 2018 - 2019, 2013 - 2014, 2012 - 2013
Malzeme Üretim Laboratuvarı II, Undergraduate, 2017 - 2018, 2015 - 2016
Taşınım Olayları, Undergraduate, 2017 - 2018, 2016 - 2017
Malzeme Üretim Laboratuvarı, Undergraduate, 2017 - 2018
Malzeme ve Enerji, Undergraduate, 2017 - 2018, 2016 - 2017
Materials Characterization Techniques, Undergraduate, 2017 - 2018
İleri Malzeme Karakterizasyonu, Postgraduate, 2017 - 2018
Malzeme Mühendisliğinde Özel Konular I, Undergraduate, 2017 - 2018, 2016 - 2017
Expertise Area Course II, Doctorate, 2017 - 2018

Uzmanlık Alan Dersi I, Postgraduate, 2017 - 2018, 2016 - 2017
Polymer Characterization, Postgraduate, 2017 - 2018, 2016 - 2017
Malzeme Mühendisliğinde Özel Konular II, Undergraduate, 2017 - 2018, 2015 - 2016
Expertise Area Course I, Doctorate, 2017 - 2018, 2016 - 2017
Malzeme Karakterizasyon Teknikleri, Undergraduate, 2017 - 2018
Uzmanlık Alan Dersi II, Postgraduate, 2017 - 2018, 2015 - 2016
İleri Nanomalzemeler ve Uygulamaları, Postgraduate, 2016 - 2017, 2015 - 2016
MBM 400 BİTİRME PROJESİ, Undergraduate, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
MBM 408MALZEME BİLİMİ VE MÜHENDİSLİĞİNDE ÖZEL KONULAR II, Undergraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012
ENNT 902 Expertise Area Course II, Doctorate, 2016 - 2017
Polymer-Matrix Composite Materials, Doctorate, 2016 - 2017
MBM 406 NANOMALZEMELER VE NANOTEKNOLOJİ, Undergraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012
İLERİ POLİMERİK MALZEMELER, Postgraduate, 2016 - 2017, 2015 - 2016
MBM 310 MALZEME ÜRETİM LABORATUVARI II, Undergraduate, 2016 - 2017, 2014 - 2015
ENNT 616 POLYMER NANOCOMPOSITES, Postgraduate, 2015 - 2016, 2014 - 2015
Nanomalzemeler ve Nanoteknoloji, Undergraduate, 2015 - 2016
ENNT 901 UZMANLIK ALAN DERSİ I , Doctorate, 2015 - 2016
MBM 203 MALZEME TERMODİNAMİĞİ I, Undergraduate, 2015 - 2016, 2012 - 2013
MBM 209 MALZEME VE ENERJİ, Undergraduate, 2015 - 2016, 2014 - 2015, 2012 - 2013
Malzeme Termodinamiği II, Undergraduate, 2015 - 2016
ENNT 703 POLYMER-MATRIX COMPOSITE MATERIALS, Doctorate, 2015 - 2016
Thermal Characterization Techniques, Doctorate, 2015 - 2016
Advanced Polymer Engineering, Postgraduate, 2015 - 2016
Uzmanlık Alan Dersi II, Doctorate, 2015 - 2016
MBM 310 MALZEME ÜRETİM LABORATUVARI I, Undergraduate, 2015 - 2016
Bitirme Projesi, Undergraduate, 2015 - 2016
MBM 602 MALZEMELERİN MEKANİK ÖZELLİKLERİ, Postgraduate, 2014 - 2015
MBM 402 MALZEME BİLİMİ VE MÜHENDİSLİĞİNDE ÖZEL KONULAR II, Undergraduate, 2014 - 2015
ENNT 902 UZMANLIK ALAN DERSİ II, Doctorate, 2014 - 2015
ENNT 709 THERMAL ANALYSIS TECHNIQUES, Doctorate, 2014 - 2015
MBM 431 POLİMER FİZİĞİ, Undergraduate, 2014 - 2015
ENNT 713 POLYMER-MATRIX COMPOSITE MATERIALS, Doctorate, 2014 - 2015
ENNT 707 MORPHOLOGY OF BLOCK COPOLYMERS AND NANOSTRUCTURES, Doctorate, 2014 - 2015
MBM 204 MALZEME TERMODİNAMİĞİ II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
MBM 610 İleri Kompozit Malzemeler, Postgraduate, 2013 - 2014
MBM 308 KOMPOZİT MALZEMELER, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
MBM 804 Uzmanlık Alan Dersi I, Postgraduate, 2013 - 2014
MBM 408Malzeme Bilimi ve Mühendisliğinde Özel Konular I, Undergraduate, 2013 - 2014
MBM 210 MALZEME BİLİMİ II, Undergraduate, 2013 - 2014, 2012 - 2013
MBM 211 Mesleki İngilizce, Undergraduate, 2013 - 2014
MBM 619 İLERİ POLİMERİK MALZEMELER, Postgraduate, 2013 - 2014, 2012 - 2013
MBM 324 Kauçuk Teknolojisi, Undergraduate, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Improving the lithium-ion diffusion and electrical conductivity of LiFePO₄ cathode material by doping magnesium and multi-walled carbon nanotubes**
Al-Samet M. A. M. M., BURGAZ E.

- II. **The structural and ionic conductivity analysis of poly(ethylene oxide)/LiTFSI/MOF-5 nanocomposite electrolytes by using molecular dynamics simulations**
Ozlek M., BURGAZ E., İnanç İ., Andaç M.
IONICS, vol.28, no.7, pp.3255-3268, 2022 (SCI-Expanded)
- III. **Fabrication and Antimicrobial Activity of Poly(lactic acid) Nanofibers Containing Firstly Synthesized Silver Diclofenac Complex with (2-methylimidazole) for Wound Dressing Applications**
Alışır S., Özdemir N., BURGAZ E., DEGE N., Canavar Y. E.
FIBERS AND POLYMERS, vol.22, no.10, pp.2738-2749, 2021 (SCI-Expanded)
- IV. **A rich gallery of carbon dots based photoluminescent suspensions and powders derived by citric acid/urea**
Stachowska J. D., Murphy A., Mellor C., Fernandes D., Gibbons E. N., Krysmann M. J., Kelarakis A., BURGAZ E., Moore J., Yeates S. G.
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- V. **Synthesis and characterization of nano-sized LiFePO₄ by using consecutive combination of sol-gel and hydrothermal methods**
Alsamet M. A. M. M., BURGAZ E.
ELECTROCHIMICA ACTA, vol.367, 2021 (SCI-Expanded)
- VI. **DETERMINATION OF ANTIBACTERIAL PROPERTIES OF SILVER NANOPARTICLES WITH AQUEOUS EXTRACTS OF BRASSICA OLERACEA L. VAR. ACEPHALA DC IN COTTON TEXTILES**
BURGAZ E., Sezener M. G., Dikbas C., Ceylan A. K., Andaç M., Çiftci A.
JOURNAL OF ELEMENTOLOGY, vol.26, no.2, pp.447-462, 2021 (SCI-Expanded)
- VII. **Effects of magnetic particles and carbon black on structure and properties of magnetorheological elastomers**
BURGAZ E., Goksuzoglu M.
Polymer Testing, vol.81, 2020 (SCI-Expanded)
- VIII. **Thermomechanical behavior and thermal stability of polyurethane rigid nanocomposite foams containing binary nanoparticle mixtures**
BURGAZ E., Kendirlioglu C.
POLYMER TESTING, vol.77, 2019 (SCI-Expanded)
- IX. **Polyurethane Insulation Foams for Energy and Sustainability Preface**
BURGAZ E.
POLYURETHANE INSULATION FOAMS FOR ENERGY AND SUSTAINABILITY, vol.111, 2019 (SCI-Expanded)
- X. **PU Rigid Composite Foams Containing Micron-Sized Fillers**
BURGAZ E.
POLYURETHANE INSULATION FOAMS FOR ENERGY AND SUSTAINABILITY, vol.111, pp.27-101, 2019 (SCI-Expanded)
- XI. **PU Rigid Nanocomposite Foams Containing Plate-Like Nanofillers**
BURGAZ E.
POLYURETHANE INSULATION FOAMS FOR ENERGY AND SUSTAINABILITY, vol.111, pp.103-164, 2019 (SCI-Expanded)
- XII. **Synthesis and characterization of nano-sized metal organic framework-5 (MOF-5) by using consecutive combination of ultrasound and microwave irradiation methods**
BURGAZ E., Erciyes A., Andaç M., Andaç Ö.
INORGANICA CHIMICA ACTA, vol.485, pp.118-124, 2019 (SCI-Expanded)
- XIII. **PU Rigid Nanocomposite Foams Containing Spherical Nanofillers**
BURGAZ E.
POLYURETHANE INSULATION FOAMS FOR ENERGY AND SUSTAINABILITY, vol.111, pp.233-289, 2019 (SCI-Expanded)
- XIV. **Polyurethane Insulation Foams for Energy and Sustainability Introduction**
BURGAZ E.

POLYURETHANE INSULATION FOAMS FOR ENERGY AND SUSTAINABILITY, vol.111, pp.1-26, 2019 (SCI-Expanded)

- XV. **PU Rigid Nanocomposite Foams Containing Cylindrical Nanofillers**
BURGAZ E.
POLYURETHANE INSULATION FOAMS FOR ENERGY AND SUSTAINABILITY, vol.111, pp.165-232, 2019 (SCI-Expanded)
- XVI. **Prediction of thermal stability, crystallinity and thermomechanical properties of poly(ethylene oxide)/clay nanocomposites with artificial neural networks**
BURGAZ E., Yazıcı M., Kapusuz M., Alışır S., ÖZCAN H.
THERMOCHIMICA ACTA, vol.575, pp.159-166, 2014 (SCI-Expanded)
- XVII. **Poly(ethylene-oxide)/clay/silica nanocomposites: Morphology and thermomechanical properties**
Burgaz E.
POLYMER, vol.52, no.22, pp.5118-5126, 2011 (SCI-Expanded)
- XVIII. **Nafion-clay hybrids with a network structure**
BURGAZ E., Lian H., Alonso R. H., Estevez L., Kellarakis A., Giannelis E. P.
Polymer, vol.50, no.11, pp.2384-2392, 2009 (SCI-Expanded)
- XIX. **Morphology and tensile properties of multigraft copolymers with regularly spaced tri-, tetra-, and hexafunctional junction points**
Zhu Y., BURGAZ E., Gido S. P., Staudinger U., Weidisch R., Uhrig D., Mays J. W.
Macromolecules, vol.39, no.13, pp.4428-4436, 2006 (SCI-Expanded)
- XX. **Polymer nanocomposites through controlled self-assembly of cubic silsesquioxane scaffolds**
Zheng L., Hong S., Cardoen G., BURGAZ E., Gido S. P., Coughlin E. B.
Macromolecules, vol.37, no.23, pp.8606-8611, 2004 (SCI-Expanded)
- XXI. **Poly(butylene terephthalate) nanocomposites prepared by in-situ polymerization**
Tripathy A. R., BURGAZ E., Kukureka S. N., MacKnight W. J.
Macromolecules, vol.36, no.23, pp.8593-8595, 2003 (SCI-Expanded)
- XXII. **T-junction grain boundaries in block copolymer-homopolymer blends**
BURGAZ E., Gido S. P.
Macromolecules, vol.33, no.23, pp.8739-8745, 2000 (SCI-Expanded)
- XXIII. **Comparison of hydrogen bonding in polydimethylsiloxane and polyether based urethane and urea copolymers**
Yilgör E., BURGAZ E., Yurtsever E., Yilgör I.
Polymer, vol.41, no.3, pp.849-857, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Carbon black reinforced natural rubber/butadiene rubber and natural rubber/butadiene rubber/styrene-butadiene rubber composites: Part I: Rheological, mechanical and thermomechanical properties**
BURGAZ E., Gencoglu O., Goksuzoglu M.
Research on Engineering Structures and Materials, vol.5, no.3, pp.233-247, 2019 (Scopus)
- II. **Carbon black reinforced natural rubber/butadiene rubber and natural rubber/butadiene rubber/styrene-butadiene rubber composites: Part II. Dynamic mechanical properties and fatigue behavior**
BURGAZ E., Gencoglu O., Goksuzoglu M.
Research on Engineering Structures and Materials, vol.5, no.3, pp.1-13, 2019 (Scopus)
- III. **Preface**
BURGAZ E.
Advanced Structured Materials, vol.111, 2019 (Scopus)
- IV. **Nanohybrid nafion membranes for fuel cells**
Kellarakis A., Alonso R. H., Lian H., BURGAZ E., Estevez L., Giannelis E. P.

ACS Symposium Series, vol.1034, pp.171-185, 2010 (Scopus)

V. Influence of competitive hydrogen bonding between hard and soft segments on the properties of siloxane and polyether based segmented copolymers

Yilgor H., BURGAZ E., Metin B., Yurtsever E., Yilgor E.

American Chemical Society, Polymer Preprints, Division of Polymer Chemistry, vol.40, no.2, pp.1126-1127, 1999 (Scopus)

Books & Book Chapters

I. Polyurethane Insulation Foams for Energy and Sustainability

BURGAZ E.

Springer, Cham, 2019

II. Thermomechanical Analysis of Polymer Nanocomposites

BURGAZ E.

in: Polymer Nanocomposites Electrical and Thermal Properties, Xingyi Huang, Chunyi Zhi, Editor, Springer International Publishing, Berlin, pp.191-242, 2016

III. Structure-Property Correlations of Poly(ethylene oxide) Nanohybrids with Layered Silicates and Silica Nanoparticles

BURGAZ E.

in: Handbook of Polymer nanocomposites Processing Performance and Application Volume A Layered Silicates, J.K. Pandey, R. Reddy, A.K. Mohanty, M. Misra, Editor, Springer Verlag GmbH Berlin/Heidelberg, Berlin, pp.87-107, 2014

IV. Nanohybrid Membranes for Fuel Cells

KELARAKIS A., ALONSO R., LIAN H., ESTEVEZ L., BURGAZ E., GIANNELIS E.

in: Functional Polymer Nanocomposites for Energy Storage and Conversion, Qing Wang, Lei Zhu, Editor, ACS Symposium Series, pp.171-185, 2010

Refereed Congress / Symposium Publications in Proceedings

I. Enhancing the Performance of the Anode Electrode by Surface Modification in Lithium-ion Batteries

AKBULUT E., BURGAZ E.

Cooperation of Climate Change and Green Deal Symposium, Samsun, Turkey, 24 October 2022

II. Effects of Morphological Changes on Electrical Conductivity of Metal-Containing Carbon Nanofiber

OZLEK M., İŞYARLAR M. Ş., BURGAZ E.

16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Turkey, 05 September 2022, vol.42, pp.42-43

III. Effects of Micro and Nano Metal Particles on Electrical Properties of Carbon Nanofibers

İŞYARLAR M. Ş., OZLEK M., BURGAZ E.

16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Turkey, 05 September 2022, vol.42, pp.42-43

IV. Effects of Using Nanoclay that is surface-modified with silver complex on thermal, mechanical and antibacterial properties of rigid polyurethane foams

Albobadran N., BURGAZ E.

6th International Congress on Engineering and Technology Management, İstanbul, Turkey, 20 - 21 November 2021, vol.6, pp.122-123

V. STRUCTURE AND MORPHOLOGY OF POLY(ETHYLENE NANOCOMPOSITE ELECTROLYTES CONTAINING NANOSIZED OXIDE) METAL ORGANIC FRAMEWORK-5 (MOF-5)

BURGAZ E.

19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.374-382

- VI. **CAM ELYAF VE MONTMORİLLONİT TAKVİYELİ POLİÜRETAN SERT KÖPÜK MİKROKOMPOZİTLERİN YAPI-ÖZELLİK İLİŞKİLERİNİN İNCELENMESİ**
ACAR E., BURGAZ E.
19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.329-336
- VII. **ELECTROCHEMICAL SYNTHESIS OF COPPER BASED NANO-SIZED METAL ORGANIC FRAMEWORKS BY USING DIFFERENT ORGANIC LIGANDS**
BURGAZ E., ERCİYES A., ANDAÇ M., ANDAÇ Ö.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.257-267
- VIII. **THERMAL PROPERTIES OF POLY(ETHYLENE OXIDE) ELECTROLYTES CONTAINING NANO-SIZED METAL ORGANIC NANOCOMPOSITE FRAMEWORK-5 (MOF-5)**
BURGAZ E.
19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.383-390
- IX. **ELEKTROSPİN YÖNTEMİ KULLANILARAK POLİETİLEN OKSİT/ KİL/ SİLİKA POLİMER NANOKOMPOZİT MEMBRANIN SENTEZİ VE KARAKTERİZASYONU**
HAMZAYEV V., BURGAZ E., ANDAÇ M.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.559-563
- X. **STRUCTURE-PROPERTY RELATIONSHIPS OF POLY (ETYLENE OXIDE) NANOCOMPOSITE ELECTROLYTES CONSISTING OF COPPER-BASED METAL ORGANIC FRAMEWORKS**
BURGAZ E., ERCİYES A., ANDAÇ M., ANDAÇ Ö.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019, vol.1, pp.268-276
- XI. **ATOMİK SEVİYEDEKİ SİMULASYONLAR KULLANILARAK MOF-5KATKILI POLİ (ETİLEN OKSİT) NANOKOMPOZİT ELEKTROLİTİN İYONİKİLETKENLİK ÖZELLİKLERİNİN İNCELENMESİ**
ÖZLEK M., BURGAZ E., İNANÇ İ.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 17 - 19 May 2019
- XII. **Preparation and characterization of PEO based polymer electrolyte membranes containing a new ionic liquid**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö.
The International Conference on Materials Science Mechanical and Automation Engineerings and Technology (IMSMATEC'18) in Çeşme/İzmir April 10-12 2018, İzmir, Turkey, 10 - 12 April 2018
- XIII. **Preparation of polymer electrolyte films using two different types of ionic liquids**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö.
The International Conference on Materials Science Mechanical and Automation Engineerings and Technology (IMSMATEC'18) in Çeşme/İzmir April 10-12 2018, İzmir, Turkey, 10 - 12 April 2018
- XIV. **Preparation and characterization of nano-sized Mg-based metal organic frameworks by using the electrochemical method**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö., kendirlioğlu c.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017
- XV. **Preparation and characterization of nano-sized copper based metal organic frameworks by using the electrochemical method**
ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö.
3rd International Porous and Powder Materials Symposium and Exhibition (PPM 2017), Aydın, Turkey, 12 - 15 September 2017
- XVI. **The fabrication of magnetorheological elastomers with magnetic particles and investigation of their rheological and mechanical properties**
GÖKSÜZOĞLU M., BURGAZ E.
2nd International Defense Industry Symposium, 6 - 08 April 2017, pp.131
- XVII. **Improvement of Thermal and Mechanical Properties of Nano-clay Reinforced Rigid Polyurethane/Silica Nanocomposite Foams**
KENDİRLİOĞLU C., BURGAZ E.
2nd International Defense Industry Symposium, 6 - 08 April 2017, pp.99
- XVIII. **Synthesis and characterization of different types of nanosized metal organic frameworks and their**

applications to polymer nanocomposites

ERCİYES A., BURGAZ E., ANDAÇ M., ANDAÇ Ö., kendirlioğlu c.

2nd International Defense Industry Symposium, Kırıkkale, Turkey, 6 - 08 April 2017

XIX. Comparison of Thermal Stability with Dynamic Mechanical Properties and Crystallization Behavior in Poly ethyleneoxide clay Nanocomposites by Artificial Neural Networks

YAZICI M., KAPUSUZ M., BURGAZ E., ÖZCAN H.

The 7th Nanoscience and Nanotechnology Conference, 27 June - 01 July 2011

XX. Nafion-clay hybrid fuel cell membranes with a network structure

BURGAZ E., Lian H., Alonso R. H., Estevez L., Giannelis E. P.

237th National Meeting and Exposition of the American Chemical Society, ACS 2009, Salt Lake City, UT, United States Of America, 22 - 26 March 2009

Supported Projects

BURGAZ E., Akbulut E., Project Supported by Higher Education Institutions, Kenevirin Yapı Malzemesi Olarak Kullanımı, 2022 - Continues

BURGAZ E., Project Supported by Higher Education Institutions, SYNTHESIS AND CHARACTERIZATION OF POLYANILINE DOPED CARBON BASED COMPOSITE MATERIALS FOR AEROSPACE APPLICATIONS, 2022 - Continues

BURGAZ E., Project Supported by Higher Education Institutions, Lityum-İyon Piller İçin Ayırıcı Olarak Magnezyum Borat takviyeli PVDF+HFP Kompozit Membranın Elektro-Spinning Yöntemi ile Hazırlanması ve Karakterizasyonu, 2022 - Continues

Akbulut E., BURGAZ E., Project Supported by Higher Education Institutions, Anodun titanyum dioksit (TiO₂) katkılı poli (etilen oksit) (PEO) nanokompozit ile kaplanarak Lityum-iyon pilin performansının artırılması, 2022 - Continues

BURGAZ E., Havacılık Kompozit Malzemelerinin Geliştirilmesi, 2022 - Continues

BURGAZ E., Project Supported by Higher Education Institutions, Kenevir katkılı PLA Esaslı Biyokompozit Yara Örtülerinin Üretimi ve Antibakteriyel Özelliklerinin Araştırılması, 2022 - Continues

BURGAZ E., Project Supported by Higher Education Institutions, KENEVİR LİFLERİNİN CERRAHİ SÜTÜR OLARAK ÜRETİMİ VE KARAKTERİZASYONU, 2022 - Continues

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