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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AAU-3851-2020

ScopusID: 57039098500

Yoksis Araştırmacı ID: 185391

Eğitim Bilgileri

Doktora, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Enerji (Dr), Türkiye 2014 - 2020

Yüksek Lisans, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Enerji (YI) (Tezli), Türkiye 2012 - 2014

Yüksek Lisans, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Gıda Teknolojisi (YI) (Tezli), Türkiye 2010 - 2012

Lisans Çift Anadal, Ege Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 2007 - 2010

Lisans, Ege Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, Türkiye 2004 - 2009

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Effects of filler type and morphology on thermoplastic nanocomposites: Thermal, electrical and mechanical properties, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Enerji (Dr), 2020

Yüksek Lisans, Thermophysical properties of polymer composites reinforced with conductive fillers, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Enerji (YI) (Tezli), 2014

Yüksek Lisans, Ozmotik işleme kısmi kurutulmuş kavun dilimlerinin dondurdurulmasının deneysel ve kuramsal olarak incelenmesi, enerji verimliliğinin değerlendirilmesi, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Gıda Teknolojisi (YI) (Tezli), 2012

Araştırma Alanları

Enerji, Kompozitler

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2012 - Devam Ediyor

Verdiği Dersler

Temel Bilgi Teknolojileri, Lisans, 2023 - 2024

Araştırma Projesi, Lisans, 2023 - 2024

Araştırma Projeleri, Lisans, 2023 - 2024

MAKİNA MÜHENDİSLİĞİNDE ÖLÇÜM VE ANALİZ LAB., Lisans, 2023 - 2024

Temel Bilgi Teknolojileri, Lisans, 2023 - 2024

Teknik Resim, Lisans, 2020 - 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A comprehensive study on the thermal and electrical conductivity of EPDM composites with hybrid carbon fillers**
Koca H. D., Turgut A., Evgin T., Ateş İ., Chirtoc M., Šlouf M., Omastova M.
DIAMOND AND RELATED MATERIALS, cilt.139, ss.110289, 2023 (SCI-Expanded)
- II. **Investigation of the thermal conductivity enhancement mechanism of polymer composites with carbon-based fillers by scanning thermal microscopy**
Sun W., Hamaoui G., Micusik M., EVGİN T., Vykydalova A., Omastova M., Gomes S.
AIP ADVANCES, cilt.12, sa.10, 2022 (SCI-Expanded)
- III. **Morphological, Mechanical and Gas Penetration Properties of Elastomer Composites with Hybrid Fillers**
Evgin T., Micušík M., Machata P., Peidayesh H., Pret’O ., Omastova M.
POLYMERS, cilt.14, sa.19, ss.4043, 2022 (SCI-Expanded)
- IV. **Size effect of hybrid carbon nanofillers on the synergetic enhancement of the properties of HDPE-based nanocomposites**
EVGİN T., TURGUT A., Hamaoui G., Spitalsky Z., Horny N., ALTAY L., Chirtoc M., Omastova M.
NANOTECHNOLOGY, cilt.32, sa.31, 2021 (SCI-Expanded)
- V. **Size effects of graphene nanoplatelets on the properties of high-density polyethylene nanocomposites: morphological, thermal, electrical, and mechanical characterization**
EVGİN T., TURGUT A., Hamaoui G., Spitalsky Z., Horny N., Micusik M., Chirtoc M., SARIKANAT M., Omastova M.
BEILSTEIN JOURNAL OF NANOTECHNOLOGY, cilt.11, ss.167-179, 2020 (SCI-Expanded)
- VI. **Morphological, electrical, mechanical and thermal properties of high-density polyethylene/multiwall carbon nanotube nanocomposites: effect of aspect ratio**
EVGİN T., TURGUT A., Slouf M., Spitalsky Z., Micusik M., SARIKANAT M., Nogellova Z., Novak I., Omastova M.
MATERIALS RESEARCH EXPRESS, cilt.6, sa.9, 2019 (SCI-Expanded)
- VII. **Re-dispersion ability of multi wall carbon nanotubes within low viscous mineral oil**
Alasli A., EVGİN T., TURGUT A.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, cilt.538, ss.219-228, 2018 (SCI-Expanded)
- VIII. **Investigation of Thermal Properties of High-Density Polyethylene/Aluminum Nanocomposites by Photothermal Infrared Radiometry**
Koca H. D., Evgin T., Horny N., Chirtoc M., TURGUT A., Tavman I. H.
INTERNATIONAL JOURNAL OF THERMOPHYSICS, cilt.38, sa.12, 2017 (SCI-Expanded)
- IX. **Effect of aspect ratio on thermal conductivity of high density polyethylene/multi-walled carbon nanotubes nanocomposites**
EVGİN T., Koca H. D., Horny N., TURGUT A., Tavman I. H., Chirtoc M., Omastova M., Novak I.
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, cilt.82, ss.208-213, 2016 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Thermal Conductivity of Aluminum Particle Filled High Density Polyethylene Composites Particle Size**

Effect

EVGİN T., İsmail Hakkı T.

Advanced Materials Research, cilt.1114, ss.44-49, 2015 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Karbon Bazlı Nanokompozitler İçin Isıl İletkenliğin Teorik Tahmini: Nan Modeli**
Evgin T.
17th INTERNATIONAL NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, İzmir, Türkiye, 27 - 29 Ağustos 2023, ss.1
- II. **OXYGEN PERMEATION THROUGH EPDM RUBBER CONTAINING VARIOUS LAYERED NANOPARTICLES**
Novak I., EVGİN T., HRONKOVIČ J., Preťo J., Chodak I.
9th International Conference on Polymeric Materials in Automotive PMA 2023& the 25th Slovak Rubber Conference, Bratislava, Slovakia, 24 Mayıs 2023
- III. **ELECTRICAL AND MECHANICAL PROPERTIES OF CARBON-BASED ELASTOMERIC COMPOSITES**
EVGİN T., Preto J., Chodak I., Omastová M.
9th International Conference on Polymeric Materials in Automotive PMA 2023& the 25th Slovak Rubber Conference, Bratislava, Slovakia, 24 Mayıs 2023
- IV. **Electrical conductivity of elastomer composites based on different dimension carbon materials: A comparative study**
EVGİN T., Omastová M.
8th INTERNATIONAL SEMINAR ON MODERN POLYMERIC MATERIALS FOR ENVIRONMENTAL APPLICATIONS, Krakow, Polonya, 17 - 19 Mayıs 2023
- V. **Electrical and Thermal Properties of Elastomer Nanocomposites with Hybrid Carbon Based-Nanofillers**
EVGİN T., KOCA H. D., Mičušík M., Preťo J., TURGUT A., Omastová M.
The 6th International Conference on Nanomaterials: Fundamentals and Applications, High Tatras, Slovakia, 16 Ekim 2022
- VI. **Electrical and Mechanical Properties of Natural Rubber Composites**
EVGİN T., Mičušík M., Chodak I., Omastová M.
3 rd International Conference on Applied Engineering and Natural Sciences, Konya, Türkiye, 20 - 23 Temmuz 2022
- VII. **THE SIZE EFFECT OF CARBON NANOFILLERS ON THE THERMAL CONDUCTIVITY OF HDPE-BASED HYBRID NANOCOMPOSITES**
EVGİN T., TURGUT A., HAMAOUİ G., HORNY N., Spitalsky Z., CHIRTOC M., Omastová M.
THERMAM 2020, 15 Ekim 2020
- VIII. **Synergy Effects of Graphene Nanoplatelets And Multiwalled Carbon Nanotubes on the Electrical Properties of Hdpe-Based Nanocomposites**
EVGİN T., Spitalsky Z., TURGUT A., Omastová M.
THERMAM 2019, 22 Eylül 2019 - 24 Mart 2020
- IX. **THERMAL DIFFUSIVITY OF POLYMER BASED NANOCOMPOSITES WITHGRAPHENE NANOPATES: THE SIZE EFFECT**
EVGİN T., HAMAOUİ G., HORNY N., CHIRTOC M., Omastová M., Novak I., TAVMAN İ. H., TURGUT A.
THERMAM 20187th ROSTOCKER INTERNATIONAL CONFERENCE:“THERMOPHYSICAL PROPERTIES FORTECHNICAL THERMODYNAMICS”, 26 - 27 Temmuz 2018
- X. **THERMOPHYSICAL PROPERTIES OF POLYMER NANOCOMPOSITES REINFORCED WITH CONDUCTIVE FILLERS**
TAVMAN İ. H., EVGİN T.
ECTP 21stEuropean Conference on Thermophysical Properties, Graz, Avusturya, 3 - 08 Eylül 2017
- XI. **ELECTRICAL, THERMAL AND SURFACE PROPERTIES OF HDPE/AGNANOCOMPOSITES**
EVGİN T., Spitalsky Z., Novak I., Omastova M., TAVMAN İ. H.

ECTP 21st European Conference on Thermophysical Properties, Graz, Avusturya, 3 - 08 Eylül 2017

- XII. **THERMOPHYSICAL PROPERTIES OF POLYMER NANOCOMPOSITES REINFORCED WITH CARBON BASED MATERIALS**
TAVMAN İ. H., EVGİN T.
THERMAM 2017 6th ROSTOCKER INTERNATIONAL CONFERENCE: "THERMOPHYSICAL PROPERTIES FOR TECHNICAL THERMODYNAMICS", Rostock, Almanya, 17 - 18 Temmuz 2017
- XIII. **Investigation on the viscosity and thermal conductivity of polyvinylpyrrolidone / de-ionized water solution**
EVGİN T., KOCA H. D., Alash A., TURGUT A., TAVMAN İ. H.
THERMAM 2017, Thermophysical Properties for Technical Thermodynamics, Rostock, Almanya, 17 - 18 Temmuz 2017, ss.27
- XIV. **Thermally Conductive Polymer Nanocomposites for Thermal Management of Electronic Packaging**
Tavman I. H., EVGİN T.
23rd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), Constanta, Romanya, 26 - 29 Ekim 2017, ss.64-67
- XV. **Energy and Efficiency Analysis of A Coal Fired Power Plant**
TAVMAN İ. H., EVGİN T., KOCAEKİZ K.
8th International Ege Energy Symposium and Exhibition, 11 - 13 Mayıs 2016
- XVI. **Investigation of thermal properties of high density polyethylene aluminum nanocomposites by the photothermal infrared radiometry**
KOCA H. D., EVGİN T., Horny N., Chirtoc M., TURGUT A., TAVMAN İ. H.
Conference on Photoacoustic and Photothermal Theory and Applications, 13 - 16 Eylül 2016
- XVII. **Enhancing the thermal conductivity of oils by using MWCNTs as additive**
Alash A., EVGİN T., TURGUT A.
International Conference on Thermophysical and Mechanical Properties of Advanced Materials – THERMAM 2016, 1 - 03 Eylül 2016
- XVIII. **The measurements of thermophysical properties of high density polyethylene graphene nanoplatelets nanocomposites by planar disk transient method**
EVGİN T., Bohac V., TAVMAN İ. H., TURGUT A., Novak I., Omastova M.
International Conference on Thermophysical and Mechanical Properties of Advanced Materials – THERMAM 2016, 1 - 03 Eylül 2016
- XIX. **The Contact Angle Measurements of HDPE GNP and HDPE Ag Nanocomposites**
EVGİN T., TAVMAN İ. H., Novak I.
13th International Conference on Nanosciences & Nanotechnologies (NN16), 5 - 08 Temmuz 2016
- XX. **INVESTIGATION OF GEOTHERMAL WATERS OF SOUTH AZERBAIJAN AND WEST TURKEY**
Misirkhan T., Lala A., EVGİN T., TAVMAN İ. H., Javid s., Egon H.
International Conference: "Thermophysical and Mechanical Properties of Advanced Materials" and 4th Rostocker International Symposium: "Thermophysical Properties for Technical Thermodynamics", 17 - 18 Eylül 2015
- XXI. **Gümüş tanecik katkılı yüksek yoğunluklu polietilen kompozitlerin ısı özellikleri**
EVGİN T., EZAN M. A., Erbay E., TAVMAN İ. H., TURGUT A.
20. ULUSAL ISI BİLİMİ VE TEKİNİĞİ KONGRESİ, Balıkesir, Türkiye, 2 Eylül - 05 Ekim 2015
- XXII. **Preparation and measurement of heat capacity of high density polyethylene silver nanocomposites**
EZAN M. A., Erbay E., EVGİN T., TAVMAN İ. H., TURGUT A.
International Conference on Thermophysical and Mechanical Properties of Advanced Materials – THERMAM 2015, 17 - 18 Eylül 2015
- XXIII. **Preperation and Measurment of Heat Capacity of High Density Polyethylene-Silver Nanocomposites**
EZAN M. A., ERBAY E., EVGİN T., TAVMAN İ. H., TURGUT A.
Thermophysical and Mechanical Properties of Advanced Materials (THERMAM2015), 17 - 18 Eylül 2015
- XXIV. **Metal Particle Filled, Thermally Conductive Polymer Composites for Electronic Packaging Applications**
Tavman I., EVGİN T.

XXV. PREPARATION AND MEASUREMENT OF THERMAL CONDUCTIVITY AND HEAT CAPACITY OF ALUMINUM PARTICLE FILLED HIGH DENSITY

19th annual meeting of the Thermophysical Society and Working Group of the Slovak Physical Society -
THERMOPHYSICS 2014, Slovakia, 8 - 10 Ekim 2014

International Conference on Thermophysical and Mechanical Properties of Advanced Materials & 3rd
Rostocker Symposium on Thermophysical Properties for Technical Thermodynamics, Türkiye, 12 - 15 Haziran
2014

THERMOPHYSICS 2013, Slovakia, 13 - 15 Kasım 2013

19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Türkiye, 9 - 12 Eylül 2013

MATERIALS & DESIGN, SCI Kapsamındaki Dergi, Ocak 2022

H-İndeks (Scopus): 4

Slovak Cumhuriyeti Ulusal Burs Programı, Yabancı Ülkelerin Resmi Kurumları, 2021 - 2022