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International Researcher IDs

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Publons / Web Of Science ResearcherID: V-5183-2017

ScopusID: 23567592000

Yoksis Researcher ID: 51342

Education Information

Doctorate, Gebze Technical University, Institute Of Science, Kimya (Dr), Turkey 2009 - 2015

Postgraduate, Gebze Technical University, Mühendislik Ve Fen Bilimleri, Kimya Mühendisliği, Turkey 2004 - 2007

Undergraduate, Kocaeli University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2000 - 2004

Dissertations

Doctorate, Steroid Grupları İçeren ve Farklı Topolojilere Sahip Polimerlerin Hazırlanması, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2015

Postgraduate, Cyclic Olefin Kopolimerden Süperhidrofobik Yüzey Sentezi ve Karakterizasyonu, Kocaeli Üniversitesi, 2007

Research Areas

Chemistry, Physical Chemistry, Polymers and Their Applications, Solution Properties, Functional Polymers, Conductive Polymers, Rubber Industry, Composites, Fiber Technology, nanocomposites, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Adsorbents, Polymeric Films, Polymeric Materials, Medical Applications of Polymers, Cellulose and its Derivatives, Liquid Crystals and LCP, Thermoset Polymers, adhesives, High Performance Polymers, Surface Chemistry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2018 - Continues

Assistant Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2018 - 2018

Assistant Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2015 - 2018

Research Assistant, Kocaeli University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2005 - 2015

Academic and Administrative Experience

Head of Department, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2018 - 2021

Kocaeli Üniversitesi, Kocaeli Meslek Yüksekokulu, 2017 - 2017

Courses

Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Basic Cement Chemistry, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Cement Process Simulation (İÖ), Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021

CLICK CHEMISTRY TECHNIQUES IN POLYMER SCIENCE, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018

Yüksek Lisans Tez, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Malzeme Bilimi, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Polymer Chemistry, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021

ENDÜSTRİYEL KİMYA (İÖ), Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Uzmanlık Alan Dersi, Doctorate, 2022 - 2023, 2017 - 2018

Polymer Technology, Associate Degree, 2022 - 2023, 2017 - 2018

Cement Process Simulation, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021

Materials Science (Evening), Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Nanofiber Production and Applications, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Doktora Yeterlik, Doctorate, 2023 - 2024, 2022 - 2023

Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Master's Thesis, Postgraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019

Proje (İÖ), Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

ENDÜSTRİYEL KİMYA, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Basic Cement Chemistry (İÖ), Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Graduate Seminar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Endüstriyel Kimya, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Internship (Evening), Associate Degree, 2022 - 2023

PhD Seminar I, Doctorate, 2022 - 2023, 2021 - 2022

Polymer Technology (Evening), Associate Degree, 2021 - 2022, 2017 - 2018

Internship, Associate Degree, 2022 - 2023

Materials Science (Refinery), Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019

Chemistry Laboratory Safety, Postgraduate, 2021 - 2022, 2017 - 2018

Wastewater Treatment Technologies (Evening), Associate Degree, 2019 - 2020, 2018 - 2019

Wastewater Treatment Technologies, Associate Degree, 2019 - 2020, 2018 - 2019

Basic Use of Information Technologies (Evening), Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Master's Project, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Use of Basic Information Technologies, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Wastewater Treatment Technologies, Associate Degree, 2018 - 2019, 2015 - 2016

INTERNSHIP II, Associate Degree, 2018 - 2019, 2017 - 2018

Graduate Seminar, Postgraduate, 2018 - 2019

Polymer Chemistry (Evening), Associate Degree, 2017 - 2018, 2016 - 2017

INTERNSHIP I, Associate Degree, 2018 - 2019, 2017 - 2018

INTERNSHIP II (Evening), Associate Degree, 2017 - 2018
Polymer Chemistry, Associate Degree, 2017 - 2018, 2016 - 2017
Wastewater Treatment Technologies (Evening), Associate Degree, 2018 - 2019
Polymer Technology, Associate Degree, 2017 - 2018
Polymer Technology (Evening), Associate Degree, 2017 - 2018
Basic Computer Sciences (Evening), Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016
Wastewater Treatment Technologies, Associate Degree, 2018 - 2019
Basic Computer Sciences, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016
Basic Process, Associate Degree, 2016 - 2017, 2015 - 2016
Computer I, Associate Degree, 2017 - 2018
Basic Use of Information Technologies (Evening), Associate Degree, 2017 - 2018, 2016 - 2017
Chemistry, Undergraduate, 2017 - 2018, 2016 - 2017
Industrial Plastics and Their Use, Undergraduate, 2017 - 2018, 2016 - 2017
Chemistry and Textile (Evening), Associate Degree, 2017 - 2018, 2016 - 2017
Basic Process (Evening), Associate Degree, 2016 - 2017, 2015 - 2016
Kimya ve Tekstil, Associate Degree, 2017 - 2018, 2016 - 2017
Wastewater Treatment Technologies (Evening), Associate Degree, 2016 - 2017
INTERNSHIP I (Evening), Associate Degree, 2017 - 2018
Computer I, Associate Degree, 2017 - 2018
Use of Basic Information Technologies, Associate Degree, 2016 - 2017

Advising Theses

Doğancı E., Silisyum Dioksit Katkılı Süperhidrofobik Termoplastik Kopoliester Elastomer Yüzeylerin Eldesi ve Karakterizasyonu., Postgraduate, B.ZEYREK(Student), 2024
Doğancı E., Geri dönüştürülmüş toz haldeki YYPE'nin kimyasal katkı kullanımıyla taze ve sertleşmiş betondaki etkilerinin incelenmesi, Postgraduate, S.SET(Student), 2023
Doğancı E., FOSFAT İÇERİKLİ ALEV GECİKTİRİCİ KİMYASALLARIN ÜRE-FORMALDEHİT REÇİNELERİNE UYGULANMASI VE YANMA ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, N.UYGUR(Student), 2022
Doğancı E., Üre-formaldehit reçinesi kullanılarak üretilen yonga levhalara farklı alev geciktiricilerin etkilerinin incelenmesi, Postgraduate, N.GÜMÜŞ(Student), 2021
Doğancı E., Heterokollu yıldız PLA-PCL/PLA kompozitlerinin hazırlanması ve diizosiyanat uyumlaştırıcılarının etkisinin incelenmesi, Postgraduate, D.CANER(Student), 2020
Doğancı E., Quaternized ammonium functionalized poly(lactic acid) films :Structure-antimicrobial activity relationship and mechanical/barrier properties, Doctorate, F.AYNALI(Student), 2020
Doğancı E., Demiryolları yapımında iş sağlığı ve güvenliği uygulamaları ve örnek risk değerlendirme çalışması, Postgraduate, B.CİLKEZ(Student), 2019

Research Infrastructure Information

Doğancı E., Dandan Doğancı M., İşlevsel Polimerler Araştırma Geliştirme Laboratuvarı, April 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- Fabrication of tetra-n-butylammonium hydrogen sulfate-based poly(lactic acid)-poly(ethylene glycol) composite electrospun wound dressing**
Şener S. Ö., YILMAZ S., Doganci M. D., DOĞANCI E.
Journal of Applied Polymer Science, vol.141, no.43, 2024 (SCI-Expanded)

- II. **Ultra-thin benzalkonium chloride-doped poly(lactic acid) electrospun mat**
Özdil Şener S., YILMAZ S., Doganci M. D., UZUNER H., DOĞANCI E.
Polymer Engineering and Science, vol.64, no.10, pp.5120-5135, 2024 (SCI-Expanded)
- III. **Effect of Tetrapropylammonium Chloride Quaternary Ammonium Salt on Characterization, Cytotoxicity, and Antibacterial Properties of PLA/PEG Electrospun Mat**
Sener S. O., Samatya Yilmaz S., DANDAN DOĞANCI M., DOĞANCI E.
BIOPOLYMERS, 2024 (SCI-Expanded)
- IV. **Investigation of the Effects of Phosphate-Containing Flame-Retardant Chemicals on Particleboards Produced Using Urea-Formaldehyde Resin**
Uygur N., DOĞANCI E., AYTAÇ A.
ACS OMEGA, no.38, pp.39513-39522, 2024 (SCI-Expanded)
- V. **Effects of solvent casted poly (lactic acid)/poly(ethylene glycol)/paraben derivative triazine films on antibacterial performance and cytotoxicity**
DANDAN DOĞANCI M., Balci H., Davarci D., ŞENKUYTU E., Aysan A., DOĞANCI E.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.35, no.3, 2024 (SCI-Expanded)
- VI. **Antibacterial and Cytotoxic Performance of PLA-Methenamine Composite Films**
Dandan Doğancı M., Doğancı E., Balcı H., Çetin M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.55412, no.1, pp.1-13, 2024 (SCI-Expanded)
- VII. **Evaluations of the Effects of Different Flame Retardants Combinations on Particleboards Produced Using Urea- Formaldehyde Resin**
Gümüş N., Doğancı E., Aytaç A.
EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS/HOLZ ALS ROH - UND WERKSTOFF, vol.1, no.1, pp.1-3, 2024 (SCI-Expanded)
- VIII. **Near infrared-absorbing self-encapsulated phthalocyanine-cored polycaprolactone star polymeric nanoparticles**
Yaseen A. N., EMAMI A., Ben Aziza H., DANDAN DOĞANCI M., İŞÇİ Ü., Gurek A. G., DOĞANCI E., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.28, no.02, pp.107-113, 2024 (SCI-Expanded)
- IX. **Synthesis of cinacalcet containing acrylamide hydrogels by photopolymerization and studying their sensing properties**
DOĞANCI E., Uygun M., Tasdelen M. A.
Iranian Polymer Journal (English Edition), vol.32, no.11, pp.1359-1366, 2023 (SCI-Expanded)
- X. **Synthesis and electrical characterization of poly[(linoleic acid)-g-(styrene)-g-(ε-caprolactone)] graft copolymers as gate insulator for OFET devices**
Gurel M., Cavus F. K., Demir A., DOĞANCI E., Alli A., Alli S.
Polymer International, vol.72, no.8, pp.727-737, 2023 (SCI-Expanded)
- XI. **Preparation and characterization of poly(lactic acid)-based contact-active antimicrobial surfaces**
Aynali F., DOĞANCI E., Balci H., Cetin M., Ozkoc G., SADIKOĞLU H.
Journal of Coatings Technology and Research, vol.20, no.4, pp.1459-1475, 2023 (SCI-Expanded)
- XII. **Liquid crystal phosphazenes**
Davarci D., DOĞANCI E.
Journal of Molecular Structure, vol.1269, 2022 (SCI-Expanded)
- XIII. **Ultra-High Molecular Weight Polyethylene/Cellulose Based Polymer Composites and The Effect of Compatibilizer (UNDER PREPERATION)**
Özcan S., Dandan Doğancı M., Doğancı E., Yamanoğlu R.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.1, no.1, pp.1, 2022 (SCI-Expanded)
- XIV. **Synthesis of liquid crystal polymers containing cholesterol side groups and investigation of their usability potential as an insulator in organic field effect transistor (OFET) applications**
DOĞANCI E., Kayabasi F., DAVARCI D., Demir A., GÜREK A. G.
JOURNAL OF POLYMER RESEARCH, vol.29, no.4, 2022 (SCI-Expanded)
- XV. **Preparation of hetero-armed POSS-cored star-shaped PCL-PLA/PLA composites and effect of different diisocyanates as compatibilizer**

- Caner D., Doganci E., Dandan Dođanci M., Özkoç G.
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.122, 2021 (SCI-Expanded)
- XVI. **Effects of hetero-armed star-shaped PCL-PLA polymers with POSS core on thermal, mechanical, and morphological properties of PLA**
Dandan Dođanci M., Caner D., Dođanci E., Özkoç G.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.29, 2021 (SCI-Expanded)
- XVII. **Synthesis, characterization and surfactant properties of cholic acid containing linear and star polymers**
Dođanci E., Uner A., Taşdelen M. A.
JOURNAL OF POLYMER RESEARCH, vol.28, no.7, 2021 (SCI-Expanded)
- XVIII. **Production and characterization of non-leaching antimicrobial and hydrophilic polycaprolactone based nanofiber mats**
Aynali F., BALCI H., DOĐANCI E., Bulus E.
EUROPEAN POLYMER JOURNAL, vol.149, 2021 (SCI-Expanded)
- XIX. **Synthesis, characterization and chemical sensor applications of pyreneside-functional polylactidecopolymers**
DOĐANCI E.
POLYMER INTERNATIONAL, vol.70, no.2, pp.202-211, 2021 (SCI-Expanded)
- XX. **Improving adhesion between polyester cord and rubber by usingglycidyl-POSS**
DOĐANCI E.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.3, 2021 (SCI-Expanded)
- XXI. **Mechanical, thermal and morphological properties of poly(lactic acid) by using star-shaped poly(epsilon-caprolactone) with POSS core**
Doganci M., Aynali F., DOĐANCI E., ÖZKOÇ G.
EUROPEAN POLYMER JOURNAL, vol.121, 2019 (SCI-Expanded)
- XXII. **Synthesized and mesomorphic properties of cholesterol end-capped poly(epsilon-caprolactone) polymers**
DOĐANCI E., Davarci D.
JOURNAL OF POLYMER RESEARCH, vol.26, no.7, 2019 (SCI-Expanded)
- XXIII. **Synthesis and characterization of antimicrobial polylactide via ring-opening polymerization and click chemistry methods**
Aynali F., Dođanci E., Doruk T., Sadikođlu H.
POLYMER INTERNATIONAL, vol.68, pp.385-393, 2019 (SCI-Expanded)
- XXIV. **One-pot photoinduced synthesis of dansyl containing acrylamide hydrogels and their chemosensing properties**
Uygun M., DOĐANCI E., Tasdelen M. A., Gurek A. G.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.8, 2019 (SCI-Expanded)
- XXV. **Star-shaped hybrid polymers as insulators for organic field effect transistors**
DOĐANCI E., Uner A., Canimkurbey B., Ozdogan R., Tasdelen M. A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.29, no.12, pp.3020-3026, 2018 (SCI-Expanded)
- XXVI. **Non-covalent interactions of pyrene end-labeled star poly(-caprolactone)s with fullerene**
Uner A., DOĐANCI E., Tasdelen M. A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, no.29, 2018 (SCI-Expanded)
- XXVII. **Methacrylate based side chain liquid crystalline polymers with pendant cholesterol group: Preparation and investigation of electrical conductivity mechanism**
Doganci E., Cakirlar C., Bayir S., Yilmaz F., YASİN M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.134, no.44, 2017 (SCI-Expanded)
- XXVIII. **Synthesis, characterization and surface properties of star-shaped polymeric surfactants with polyhedral oligomeric silsesquioxane core**
Uner A., DOĐANCI E., Tasdelen M. A., YILMAZ F., Gurek A. G.
POLYMER INTERNATIONAL, vol.66, no.11, pp.1610-1616, 2017 (SCI-Expanded)

- XXIX. **Heterobifunctional poly(epsilon-caprolactone): Synthesis of alpha-cholesterol-omega-pyrene PCL via combination of ring-opening polymerization and "click" chemistry**
Erdagi S., Doganci E., UYANIK C., Yilmaz F.
REACTIVE & FUNCTIONAL POLYMERS, vol.99, pp.49-58, 2016 (SCI-Expanded)
- XXX. **Highly Fluorescent Pyrene-Functional Polystyrene Copolymer Nanofibers for Enhanced Sensing Performance of TNT**
Senthamizhan A., Celebioglu A., Bayir S., Gorur M., Doganci E., Yilmaz F., Uyar T.
ACS APPLIED MATERIALS & INTERFACES, vol.7, no.38, pp.21038-21046, 2015 (SCI-Expanded)
- XXXI. **Synthesis of Miktoarm Star-Shaped Polymers with POSS Core via a Combination of CuAAC Click Chemistry, ATRP, and ROP Techniques**
DOĞANCI E., Tasdelen M. A., Yilmaz F.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.216, no.17, pp.1823-1830, 2015 (SCI-Expanded)
- XXXII. **Synthesis, characterization, and Pb²⁺ ion sensing application of hexa-armed dansyl end-capped poly(epsilon-caprolactone) star polymer with phosphazene core**
Gorur M., DOĞANCI E., Yilmaz F., Isci U.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.132, no.32, 2015 (SCI-Expanded)
- XXXIII. **Synthesis of AB(3)-Type Miktoarm Star Polymers with Steroid Core via a Combination of "Click" Chemistry and Ring Opening Polymerization Techniques**
Doganci E., Gorur M., UYANIK C., Yilmaz F.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.52, no.23, pp.3390-3399, 2014 (SCI-Expanded)
- XXXIV. **Supramolecular Inclusion Complexes of a Star Polymer Containing Cholesterol End-Capped Poly(epsilon-caprolactone) Arms with beta-Cyclodextrin**
Doganci E., Gorur M., UYANIK C., Yilmaz F.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.52, no.23, pp.3406-3420, 2014 (SCI-Expanded)
- XXXV. **Synthesis and characterization of two-armed poly(epsilon-caprolactone) polymers initiated by the Schiff's base complexes of copper(II) and nickel(II)**
Sahin Z. M., Doganci E., Yildiz S. Z., Tuna M., Yilmaz F., Yerli Y., Gorur M.
SYNTHETIC METALS, vol.160, pp.1973-1980, 2010 (SCI-Expanded)
- XXXVI. **Surface characterization of poly(L-lactic acid)-methoxy poly(ethylene glycol) diblock copolymers by static and dynamic contact angle measurements, FTIR, and ATR-FTIR**
MERT Ö. M., Doganci E., Erbil H. Y., Dernir A. S.
LANGMUIR, no.3, pp.749-757, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Polilaktik Asit-Aktif Kömür Elektropsun Mat Üretimi ve Karakterizasyonu**
BULUŞ E., SAKARYA BULUŞ G., DANDAN DOĞANCI M., DOĞANCI E.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.11, no.3, pp.1365-1377, 2023 (Peer-Reviewed Journal)
- II. **Production and Characterization of Nanotechnological Wound Dressing Containing Ozone Oil**
DOĞANCI E., DANDAN DOĞANCI M., SAKARYA BULUŞ G., BULUŞ E.
Journal of Ata-Chem, vol.2, no.1, pp.1-5, 2022 (Peer-Reviewed Journal)
- III. **Preparation of A Human Skin Mimicking Gels For In Vitro Measurements of The Dual Band Medical Implant Antenna**
DOĞANCI E., UÇAR M. H. B., SONDAŞ A.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.3, pp.583-596, 2016 (Peer-Reviewed Journal)
- IV. **Synthesis Characterization and Chemosensing Application Of Poly(methyl methacrylate-co-hydroxyethyl methacrylate) with Dansyl Side Group**
DOĞANCI E., GÖRÜR M.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.3, pp.565-582, 2016 (Peer-Reviewed Journal)

V. **Nitroaromatic Compound Sensing Application of Hexa Armed Dansyl End Capped Poly(ϵ -caprolactone) Star Polymer With Phosphazene Core**

DANDAN DOĞANCI M., BAYIR S., DOĞANCI E., GÖRÜR M., YILMAZ F.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.3, pp.501, 2016 (Peer-Reviewed Journal)

VI. **Synthesis and characterization of a superhydrophobic surface from cyclic olefin copolymer**

DOĞANCI E., ERBİL H. Y.

Annales UMCS, Chemistry, vol.63, pp.122-129, 2008 (Non Peer-Reviewed Journal)

Books & Book Chapters

I. **Surface Wetting/Contact Angle Studies**

Orkan Uçar İ., Dandan Doğanç M., Doğanç E.

in: Surfaces and Interfaces in Multiphase Polymeric Systems: Micro to Nano Length Scales, Prof. Dr. Ananthu Prasad, Prof. Dr. Sabu Thomas, Prof. Dr. Miran Mozetič, Editor, Wiley-VCH Verlag Berlin GmbH, New Jersey, pp.1, 2024

II. **SURFACE PROPERTIES OF POLYLACTIC ACID-BASED COMPOSITES**

Dandan Doğanç M., Doğanç E.

in: POLYLACTIC ACID COMPOSITES : SUSTAINABLE BIOCOMPOSITE, Dr. Pawan Kumar Rakesh, Prof. J. Paulo Davim, Editor, Mouton de Gruyter, Berlin, pp.1, 2023

III. **Ultra-High Molecular Weight Polyethylene for Medical Applications**

DANDAN DOĞANCI M., DOĞANCI E.

in: ADVANCES IN HEALTH AND NATURAL SCIENCES, Yüksel Burcu, Karagül Mustafa Sencer, Editor, Nova Science Publishers, Inc. New York, pp.275-298, 2018

IV. **Use of Click chemistry As a Coupling Strategy For Synthesis of Miktoarm Star Polymers**

DOĞANCI E., GÖRÜR M., YILMAZ F.

in: Miktoarm Star Polymers: From Basics of Branched Architecture to Synthesis, Self-assembly and Applications (Polymer Chemistry Series) 1st Edition, Kakkar, Ashok, Editor, Royal Society of Chemistry 1st Edition, pp.90-115, 2017

Refereed Congress / Symposium Publications in Proceedings

I. **Investigation of the Effects of Recycled Powder HDPE on Fresh-Hardened Concrete with Polycarboxylate Based Admixture**

Erduğan B. M., Set S., Akkanat A., Doğanç E.

IX. Polymer Science and Technology Congress with International Participation, Ankara, Turkey, 16 - 18 September 2024, pp.262

II. **Lu bisphthalocyanine-centered poly(ϵ -caprolactone) star polymers with different chain amounts and lengths**

Emami A., Gülseren M., İsci Ü., Doğanç E., Dandan Doğanç M., Dumoulin F.

International Conference on Porphyrins and Phthalocyanines (ICPP-13), 23 - 28 June 2024, pp.461

III. **Synthesis and Characterization of Lu Bisphthalocyanine-Centered Poly(ϵ -Caprolactone) Star Polymers**

Emami A., Gülseren M., İsci Ü., Doğanç E., Dandan Doğanç M., Dumoulin F.

IX. Ulusal Anorganik Kimya Kongresi, Ankara, Turkey, 16 - 19 May 2024, pp.82-83

IV. **Effects of Different Anti-Fog Ratios on PVC Stretch Film Used in Food Packages**

Bozkurt S. Ö., Özyürekli C., Doğanç E., Aytaç A.

8th International ICONTECH CONGRESS on Innovative Surveys in Positive Sciences, Baku, Azerbaijan, 16 - 18 March 2024, pp.734-735

- V. **Plastifiyan Varlığında Vermikülit İlavesinin PLA/PCL Karışımlarınınmekanik ve Termal Özellikleri Üzerindeki Etkisinin İncelenmesi**
AKSOY D., DOĞANCI E., ASLAN Y., ALBRECHTSEN Y.
3. Uluslararası Malzeme Mühendisliği ve İleri İmalat Teknolojileri Kongresi (IMEAMTC'24), İstanbul, Turkey, 20 January 2024, pp.93-101
- VI. **Preparation of Tetra-N-Butylamonium Hydrogen Sulfate Quaternary Ammonium Salt Added Antibacterial Effective Wound Dressing**
Özdil S., Samatya Yılmaz S., Dandan Doğancı M., Doğancı E.
7. Uluslararası Haliç Multidisipliner Bilimsel Araştırmalar Kongresi, İstanbul, Turkey, 23 - 25 January 2024, pp.1489-1496
- VII. **Obtaining Thermoplastic Copolyester Elastomer (TPE) Surfaces And Examining Their Free Surface Energies**
ZEYREK B., DOĞANCI E., DANDAN DOĞANCI M.
7. Uluslararası Haliç Multidisipliner Bilimsel Araştırmalar Kongresi, İstanbul, Turkey, 23 - 25 January 2024, pp.662-667
- VIII. **Kuaterner Amonyum Tuzu Katkılı Antibakteriyel Poli(Laktik Asit)(PLA) Filmlerin Hazırlanması**
Aydm B. K., Dandan Doğancı M., Doğancı E., Balcı H.
7. International Marmara Scientific Research and Innovation Congress, İstanbul, Turkey, 27 - 28 January 2024, pp.574-581
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