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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAY-1533-2020

ScopusID: 37069179100

Yoksis Araştırmacı ID: 268255

Eğitim Bilgileri

Doktora, The University of Manchester, İngiltere 2009 - 2013

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), Türkiye 2005 - 2008

Lisans, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Türkiye 2001 - 2005

Yaptığı Tezler

Doktora, Environmental degradation of the compostable plastic packaging material poly(lactic) acid and its impact on fungal communities in compost, The University of Manchester, 2013

Yüksek Lisans, Xylan-based biodegradable, wheat gluten-based antimicrobial film production, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), 2008

Araştırma Alanları

Tıp, Temel Bilimler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

İstanbul Gelişim Üniversitesi, Mühendislik-Mimarlık Fakültesi, Biyomedikal Mühendisliği Bölümü, 2017 - Devam Ediyor

Verdiği Dersler

Biyomedikal Enstrümantasyon, Lisans, 2022 - 2023

Endüstriyel Hijyen ve Toksikoloji, Yüksek Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018

Endüstriyel Hijyen ve Toksikoloji (Tezli), Yüksek Lisans, 2019 - 2020

Analytical Chemistry, Lisans, 2019 - 2020

Analitik Kimya, Lisans, 2019 - 2020, 2018 - 2019

General Chemistry, Lisans, 2019 - 2020, 2018 - 2019

Biyomekanik, Lisans, 2018 - 2019

Biyomedikal Sistemler, Lisans, 2018 - 2019, 2017 - 2018

Kimya, Ön Lisans, 2018 - 2019
Fizyoloji, Ön Lisans, 2018 - 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Characterization of gelatin-based wound dressing biomaterials containing increasing coconut oil concentrations**
Karamanlioğlu M., Yeşilkr Baydar S.
Journal of Biomaterials Science, Polymer Edition, cilt.35, sa.1, ss.16-44, 2024 (SCI-Expanded)
- II. **Production and characterization of a coconut oil incorporated gelatin-based film and its potential biomedical application**
Karamanlioglu M., Yesilkir-Baydar S.
Biomedical Materials (Bristol), cilt.17, sa.4, 2022 (SCI-Expanded)
- III. **Comprehensive exploration of natural degradation of poly(lactic acid) blends in various degradation media: A review**
Rosli N. A., Karamanlioglu M., Kargarzadeh H., Ahmad I.
International Journal of Biological Macromolecules, cilt.187, ss.732-741, 2021 (SCI-Expanded)
- IV. **Influence of Degradation of PLA with High Degree of Crystallinity on Fungal Community Structure in Compost**
Karamanlioglu M., Alkan Ü.
Compost Science and Utilization, cilt.28, sa.3-4, ss.169-178, 2020 (SCI-Expanded)
- V. **Influence of time and room temperature on mechanical and thermal degradation of poly(lactic) acid**
Karamanlioglu M., Alkan U.
Thermal Science, cilt.23, 2019 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **A Review of Biomedical Engineering Research in Turkey During 2008-2018**
KARAMANLIOĞLU M.
International journal of advances in engineering and pure sciences (Online), cilt.31, sa.4, ss.316-327, 2019
(Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Biyomedikal Enstrümantasyona Giriş**
KARAMANLIOĞLU M., AKÇA H.
Nobel, Ankara, 2021

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **INFLUENCE OF HYPERICUM PERFORATUM L OIL ON A PROTEIN BASED BIOMATERIAL**
KARAMANLIOĞLU M.
International Conference on Engineering Technologies, ICENTE'21, Konya, Türkiye, 18 - 20 Kasım 2021, ss.5
- II. **Evaluation of Various Amounts of Virgin Coconut Oil in Gelatin Films for Biomedical Applications**
KARAMANLIOĞLU M.
VII. INSAC International Congress on Natural and Engineering Sciences (ICNES-2021), Konya, Türkiye, 21 - 23 Ekim 2021, ss.35-36
- III. **Influence of different environmental factors on PLA degradation in compost and in ambient**

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KARAMANLIOĞLU M., ALKAN Ü.

“Turkish Physical Society–35th International Physics Congress (TPS-35), 4 - 08 Eylül 2019

- IV. **The Influence of crystallinity on the degradation of the compostable packaging material poly(lactic) acid from renewable resources and on fungal communities in compost**
KARAMANLIOĞLU M., ROBSON G.
4th International Conference on Pure and Applied Sciences: Renewable Energies, İstanbul, Turkey, 23 - 25 Kasım 2017
- V. **The impact of the compostable packaging material poly(lactic) acid on fungal communities in compost.**
KARAMANLIOĞLU M., ROBSON G.
16th European Conference on Biotechnology, ECB-16, Edinburgh, Scotland, 13 - 16 Temmuz 2014, cilt.31, ss.169
- VI. **The influence of biotic and abiotic factors on degradation of the compostable plastic packaging material polylactic acid.**
KARAMANLIOĞLU M., ROBSON G.
14th International Symposium on Microbial Ecology, ISME-14, Copenhagen, Denmark, 19 - 24 Ağustos 2012
- VII. **Degradation of polylactic acid**
KARAMANLIOĞLU M.
Microbiology Seminar Series of University of Manchester, 18 Ekim 2010
- VIII. **Biodegradable film production from agricultural wastes.**
KARAMANLIOĞLU M., BAKIR U.
15th National Biotechnology Conference, Antalya, Turkey, Türkiye, 28 - 31 Ekim 2007