

## **Personal Information**

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## **International Researcher IDs**

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Publons / Web Of Science ResearcherID: AAR-6508-2020

ScopusID: 57469169100

Yoksis Researcher ID: 303579

## **Education Information**

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Bölümü, Turkey 2021 - Continues

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Bölümü, Turkey 2019 - 2021

Undergraduate, Sakarya University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2015 - 2018

## **Research Areas**

Engineering and Technology

## **Academic Titles / Tasks**

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2019 - Continues

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Understanding the effect of solid lubricants on scratch behavior in epoxy resins: An experimental and statistical approach**  
Ceylan R., Ozun E., Özzaim Toker P., Korkusuz O. B., Yazar E., Fidan S., Bora M. Ö., Sınmazçelik T.  
POLYMER COMPOSITES, vol.0, no.0, pp.1-18, 2024 (SCI-Expanded)
- II. **Solid particle erosion and scratch behavior of novel scrap carbon fiber/glass fabric/polyamide 6.6 hybrid composites**  
Kocoglu H., KORKUSUZ O. B., ÖZZAİM P., KODAL M., Altan M. C., SINMAZÇELİK T., Ozcelik B., Ozkoc G.  
POLYMER COMPOSITES, vol.44, no.10, pp.7197-7211, 2023 (SCI-Expanded)
- III. **The effect of matrix and interface properties modified by annealing on solid particle erosion behavior of carbon fiber reinforced polyetheretherketone**  
Çetin B., Korkusuz O. B., Özzaim P., Şahin A. E., Fidan S., Sınmazçelik T.  
Polymer Composites, vol.44, no.9, pp.6212-6227, 2023 (SCI-Expanded)
- IV. **Investigation of particle erosion of polytetrafluoroethylene and its composites**  
Özzaim P., Korkusuz O. B., Fidan S., Sınmazçelik T.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.236, no.9, pp.1738-1749, 2022 (SCI-Expanded)
- V. **Scratch and multi-pass scratch behavior of poly (methyl methacrylate) (PMMA)**

Özzaim P., Korkusuz O. B., Fidan S., Sınmazçelik T.

INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.28, pp.1-12, 2022 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

### I. SOLID PARTICLE EROSION BEHAVIOR OF A 3D PRINTED PLA SURFACE

Babayiğit E., Fidan S., Korkusuz O. B., Özzaim P., Sınmazçelik T.

1. ULUSLARARASI BOĞAZİÇİ BİLİMSEL ARAŞTIRMALAR KONGRESİ, İstanbul, Turkey, 13 - 14 May 2023, pp.1-2

### II. Katı Partikül Çarpma Açısının Cam Fiber Takviyeli Polyamid Kompozitlerin Erozif Aşınma Davranışına Etkisi

Gültürk E., Özzaim P., Korkusuz O. B.

8.International Congress on Engineering Architecture and Design, Ankara, Turkey, 6 - 07 December 2021, pp.385-394

### III. FİBER TAKVİYELİ POLİMER MATRİSLİ KOMPOZİTLERİN LAZER ABLASYONU

KORKUSUZ O. B., SINMAZÇELİK T.

5. ULUSLARARASI MARMARA FEN BİLİMLERİ KONGRESİ, Kocaeli, Turkey, 04 December 2020, pp.371-381

## Supported Projects

SINMAZÇELİK T., KORKUSUZ O. B., Project Supported by Higher Education Institutions, Tribolojik Özellikleri İyileştirmek Üzere Epoksi Bazlı Kompozit Kaplamaların Geliştirilmesi, 2023 - Continues

## Metrics

Publication: 8

Citation (WoS): 7

Citation (Scopus): 8

H-Index (WoS): 2

H-Index (Scopus): 2