FATİH SULTAN MEHMET VAKIF ÜNİVERSİTESİ

ACADEMIC CURRICULUM VITAE

Fatih Sultan Mehmet Vakif University

Berfin Şahin

Öğretim Görevlisi

Vocational School › Department of Electronics and Automation › Biomedical Device Technology Programme

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RESEARCHER IDENTIFIERS

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Research fields: Engineering › Biyomedikal Mühendisliği

Keywords: Biyomedikal Enstrümantasyon, Biyomalzeme, Biyomedikal Bilimler ve Teknolojiler

SUMMARY INDICATORS

ARTICLES	PAPERS	BOOKS · BOOK CHAPTERS	PROJECTS	THESIS SUPERVISION	CITATIONS (SOURCE MAX.)
2	**2**	**0 · 0**	**0**	**0**	**0**
WoS 2 · Scopus 0 · TR Dizin 0			principal investigator 0	doktora 0	h-index Scopus - · WoS - · GS -

EDUCATION

2022 – 2024 **Master's · Biomedical Engineering (MSc) (with Thesis)**
Fatih Sultan Mehmet Vakif University · Graduate School
Thesis: Elektro eğirme ile üretilen PMMA/MXene/kitosan kontak lens kompozit fiberlerin antibakteriyel ve hücresel davranışlarının incelenmesi

2017 – 2022 **Bachelor's · Department of Biomedical Engineering**
Fatih Sultan Mehmet Vakif University · Faculty of Engineering

ACADEMIC POSITIONS

2025 – ongoing **Lecturer**
Fatih Sultan Mehmet Vakif University · Vocational School · Department of Electronics and Automation

ADMINISTRATIVE POSITIONS

2025 – ongoing **Program Başkanı**
Fatih Sultan Mehmet Vakif University

2023 – 2025 **Araştırmacı Mühendis**
Fatih Sultan Mehmet Vakif University

ARTICLES (2)

1. ŞAHİN BERFİN,ÇİFTÇİ FATİH,ÖZARSLAN ALİ CAN,AKYÜZ YILMAZ BAHAR (2025). MXene-modified PMMA/chitosan composite e-skin scaffold: Bioelectronic and antibacterial assessment. International Journal of Biological Macromolecules, 319(1).
SCI-Expanded · Uluslararası · DOI: 10.1016/j.ijbiomac.2025.145388
2. GÜRBÜZ BERFİN,ÇİFTÇİ FATİH (2024). Bio-electric-electronics and tissue engineering applications of MXenes wearable materials: A review. Chemical Engineering Journal, 489.
SCI-Expanded · Ulusal · DOI: 10.1016/j.cej.2024.151230

CONFERENCE PAPERS (2)

1. ÖZDEMİR KARABAĞ DİLARA GÜLSÜM,ŞAHİN BERFİN (2025). CURRENT APPROACHES TO THE USE OF GRAPHENE OXIDE-SUPPORTED POLYVINYL ALCOHOL AND BACTERIAL CELLULOSE BIOCOMPOSITES IN TISSUE ENGINEERING. II. INTERNATIONAL HEVSEL SCIENTIFIC STUDIES CONGRESS.

Uluslararası · Özet bildiri · Sözlü Sunum · 25.07.2025

2. ŞAHİN BERFİN,ÖZDEMİR KARABAĞ DİLARA GÜLSÜM (2025). THE POTENTIAL OF MXENE-BASED NEW-GENERATION BIOMATERIALS IN TISSUE ENGINEERING. II. INTERNATIONAL HEVSEL SCIENTIFIC STUDIES CONGRESS.
Uluslararası · Özet bildiri · Sözlü Sunum · 25.07.2025