

Dr. Öğr. Üyesi MİKAİL TEMİREL

Kişisel Bilgiler

E-posta: mikail.temirel@agu.edu.tr

Web: <https://avesis.agu.edu.tr/mikail.temirel>

Posta Adresi: Steel Building, B222, AGU sumer kampusu

Uluslararası Araştırmacı ID'leri

ScholarID: Tg2JIq8AAAAJ

ORCID: 0000-0002-8199-0100

Publons / Web Of Science ResearcherID: HKF-3548-2023

Eğitim Bilgileri

Bütünleşik Doktora, University of Connecticut, Engineering Faculty , Biomedical Engineering , Amerika Birleşik Devletleri
2016 - 2021

Yüksek Lisans, Drexel University, Engineering Faculty , Mechanical Engineering , Amerika Birleşik Devletleri 2013 - 2015

Yabancı Diller

İngilizce, C2 Ustalık

Araştırma Alanları

Sağlık Bilimleri, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği, 2022 - Devam Ediyor

Verdiği Dersler

Microstructure Engineering , Lisans, 2022 - 2023

Fluid Dynamic and Designs , Lisans, 2021 - 2022

Solar Energy Fundamentals , Lisans, 2021 - 2022

Fluid Mechanics , Lisans, 2021 - 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Shape Fidelity Evaluation of Alginate-Based Hydrogels through Extrusion-Based Bioprinting**
Temirel M., Dabbagh S. R., Tasoglu S.
JOURNAL OF FUNCTIONAL BIOMATERIALS, cilt.13, sa.4, 2022 (SCI-Expanded)
- Hemp-Based Microfluidics**

Temirel M., Dabbagh S. R., Tasoglu S.
MICROMACHINES, cilt.12, sa.2, 2021 (SCI-Expanded)

- III. **Shape Fidelity of 3D-Bioprinted Biodegradable Patches**
Temirel M., Hawxhurst C., Tasoglu S.
MICROMACHINES, cilt.12, sa.2, 2021 (SCI-Expanded)
- IV. **Long-term cyclic use of a sample collector for toilet-based urine analysis**
Temirel M., Yenilmez B., Tasoglu S.
SCIENTIFIC REPORTS, cilt.11, sa.1, 2021 (SCI-Expanded)
- V. **Pushing the Limits of Spatial Assay Resolution for Paper-Based Microfluidics Using Low-Cost and High-Throughput Pen Plotter Approach**
Amin R., Ghaderinezhad F., Bridge C., Temirel M., Jones S., Toloueinia P., Tasoglu S.
MICROMACHINES, cilt.11, sa.6, 2020 (SCI-Expanded)
- VI. **High-throughput rapid-prototyping of low-cost paper-based microfluidics**
Ghaderinezhad F., Amin R., Temirel M., Yenilmez B., Wentworth A., Tasoglu S.
SCIENTIFIC REPORTS, cilt.7, 2017 (SCI-Expanded)
- VII. **Solidification of additive-enhanced phase change materials in spherical enclosures with convective cooling**
Temirel M., Hu H., Shabgard H., Boettcher P., McCarthy M., Sun Y.
APPLIED THERMAL ENGINEERING, cilt.111, ss.134-142, 2017 (SCI-Expanded)
- VIII. **Three-Dimensional-Printed Carnivorous Plant with Snap Trap**
Temirel M., Yenilmez B., Knowlton S., Walker J., Joshi A., Tasoglu S.
3D PRINTING AND ADDITIVE MANUFACTURING, cilt.3, sa.4, ss.244-251, 2016 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Development and characterization of a low-cost 3D bioprinter**
Yenilmez B., Temirel M., Knowlton S., Lepowsky E., Tasoglu S.
Bioprinting, cilt.13, 2019 (Scopus)