

Assoc. Prof. Halil Bayraktar

Personal Information

Email: hbayraktar@itu.edu.tr

International Researcher IDs

ORCID: 0000-0002-8237-5345

ScopusID: 12785548400

Yoksis Researcher ID: 201764

Education Information

Doctorate, University of Massachusetts Amherst, United States Of America 2003 - 2008

Undergraduate, Bogazici University, Turkey 1997 - 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genetically Encoded Fluorescent Probe for Detection of Heme-Induced Conformational Changes in Cytochrome c**
Genceroglu M. Y., Cavdar C., Manioglu S., Bayraktar H.
Biosensors, vol.13, no.9, 2023 (SCI-Expanded)
- II. **Adaptive tracking algorithm for trajectory analysis of cells and layer-by-layer assessment of motility dynamics**
Qureshi M. H., Ozlu N., Bayraktar H.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.150, 2022 (SCI-Expanded)
- III. **Alteration of cell motility dynamics through collagen fiber density in photopolymerized polyethylene glycol hydrogels**
Akalin O. B., Bayraktar H.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.157, pp.414-423, 2020 (SCI-Expanded)
- IV. **In vitro and in vivo biolasing of fluorescent proteins suspended in liquid microdroplet cavities**
Jonas A., Aas M., Karadag Y., Manioglu S., Anand S., McGloin D., Bayraktar H., Kiraz A.
LAB ON A CHIP, vol.14, no.16, pp.3093-3100, 2014 (SCI-Expanded)

Metrics

Publication: 37

Citation (WoS): 81

Citation (Scopus): 501

H-Index (WoS): 4

H-Index (Scopus): 12

Non Academic Experience

Harvard Üniversitesi Kimya Bölümü