

Personal Information

Office Phone: [+90 216 280 3333](tel:+902162803333) Extension: 4045

Email: melike.guney@medeniyet.edu.tr

Web: <http://aves.medeniyet.edu.tr/melike.guney/cv>

Education Information

Doctorate, Boğaziçi Üniversitesi, Biyomedikal Mühendisliği Enstitüsü, Turkey 2014 - Continues

Post Graduate, Boğaziçi Üniversitesi, Biyomedikal Mühendisliği Enstitüsü, Turkey 2010 - 2014

Under Graduate, Yeditepe Üniversitesi, Mimarlık Ve Mühendislik Fakültesi, Biyomedikal Mühendisliği , Turkey 2004 - 2009

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Deneş Hayvanları Kullanım Sertifikası, Yeditepe Üniversitesi Deneş Hayvanları Etik Kurulu, 2015

Dissertations

Post Graduate, IN VITRO INVESTIGATION OF THE POTENTIAL OF 1940 NM THULIUM FIBRE LASER AS A SURGICAL TOOL FOR ORAL SOFT TISSUE, Boğaziçi Üniversitesi, Biyomedikal Mühendisliği Enstitüsü, Biyomedikal Mühendisliği, 2014

Research Areas

Biomedical Engineering, bioPhotonic, Laser Tissue Interaction, Engineering and Technology

Academic Titles / Tasks

Research Assistant, İstanbul Medeniyet Üniversitesi, Mühendislik Ve Mimarlık Fakültesi, Biyomedikal Mühendisliği , 2012 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **The role of reactive oxygen species in the antibacterial photodynamic treatment: photoinactivation vs proliferation**
TOPALOGLU N., GÜNEY M., AYSAN N., GULSOYM., YUKSEL S.
LETTERS IN APPLIED MICROBIOLOGY, vol.62, pp.230-236, 2016 (Journal Indexed in SCI)
- **Investigating the ablation efficiency of a 1940-nm thulium fibre laser for intraoral surgery**
GÜNEY M., Tunc B., Gulsoy M.
INTERNATIONAL JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY, vol.43, pp.1015-1021, 2014 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Incisional effects of 1940 nm thulium fiber laser on oral soft tissues**

GÜNEY M., Tunç B., Gülsoy M.

SPIE Conference on Energy-Based Treatment of Tissue and Assessment VII, San-Francisco, Costa Rica, 3 - 04
February 2013, vol.8584

Supported Projects

TÜRÜT A., AKDENİZ DURAN E., ÖZKAN M. A. , SÖĞÜT S., OKTAYA. B. , ARAS F., GENÇ İ., AKTAŞ Ö., GEREN I. N. ,
KURT H., et al., Project Supported by Higher Education Institutions, Fen Bilimleri Enstitüsü Disiplinler Arası Lisansüstü
Araştırma Laboratuvarlarının Kurulması, 2013 - 2016

Invited Congress and Symposium Activities

BİYOMUT'14, Attendee, İstanbul, Turkey, 2014

SPIE Photonics West, Attendee, San Francisco, United States Of America, 2013

BİYOMUT 2012, Attendee, İstanbul, Turkey, 2012

Citations

Total Citations (WOS):22

h-index (WOS):2