

Assoc. Prof. Onur Ferhanoglu

Personal Information

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Biography

Onur Ferhanoglu received B.S. and M.S. degrees from Bilkent University, in 2003 and 2005 respectively, in Electrical Engineering. In 2005, he joined the Optical Microsystems Laboratory at Koç University as a graduate researcher, where he developed MEMS based thermal imaging sensor arrays. During graduate studies, he visited Johns Hopkins University (2004), Georgia Tech. (2007) and EPFL (2010) as a research scholar. After receiving his Ph.D. (2011), he became a post-doctoral fellow at Femtosecond Laser Assisted Biophotonics Laboratory at the University of Texas at Austin, where he played a keyrole in the development of an ultrafast laser microsurgery scalpel (2011-2014).

Education Information

Doctorate, Koç Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği (Dr), Turkey 2005 - 2011

Post Graduate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2003 - 2005

Under Graduate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1999 - 2003

Foreign Languages

English

Dissertations

Doctorate, Design, fabrication and characterization of a MOEMS based thermal imaging system, Koç Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği (Dr), 2010

Post Graduate, Safety of metallic implants in magnetic resonance imaging, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2005

Research Areas

Technical Sciences, Biomedical Engineering, bioPhotonic, Biomedical Optics

Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2014 - 2018

Research Assistant PhD, University Of Texas At Austin, Mühendislik Fak., Makina Mühendisliği, 2011 - 2013

Supported Projects

Ferhanoğlu O., Project Supported by Higher Education Institutions, Yüksek Çözünürlüklü ve Geniş Bant Aralıklı Spektrometre Sistemi, 2016 - 2019

Ferhanoğlu O., Project Supported by Higher Education Institutions, Termomekanik MEMS tabanlı Fiber optik sıcaklık algılayıcısı (Fiber temperature sensor utilizing a thermomechanical MEMS detector), 2016 - 2018

Ferhanoğlu O., Project Supported by Higher Education Institutions, Piezoelektrik tabanlı fiber tarayıcı ünitesi, 2016 - 2017

Ferhanoğlu O., Project Supported by Higher Education Institutions, KANSER TEŞHİSİNE YÖNELİK LAZER ENDOSKOPLARIN GELİŞTİRİLMESİ, 2015 - 2017

Citations

Total Citations (WOS):266

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