

Assoc. Prof. Mert Gür

Personal Information

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Biography

Dr. Gur earned his PhD degree in Computational Science and Engineering at Koç University in 2010 and his Bachelor's degree from the Department of Mechanical Engineering at Middle East Technical University in 2006. Following his graduation, he was awarded the position of a postdoctoral associate in the Department of Computational and Systems Biology at the University of Pittsburgh's School of Medicine. During this time, he became jointly appointed as a Lecturer in the Department of Mechanical Engineering and Material Science, at University of Pittsburgh. In 2014 he joined the Joint Center for Artificial Photosynthesis at Lawrence Berkeley National Laboratory as a postdoctoral fellow. In 2015 Dr. Gur was appointed as a Faculty member at the rank of assistant professor in the in the Department of Mechanical Engineering at Istanbul Technical University. He worked as a visiting scholar in the Department of Computational and Systems Biology at the University of Pittsburgh during the summer 2016 and in the Chemistry Department at University of California, Berkeley throughout summer 2017. Dr. Mert Gur received the Turkish Academy of Sciences (TÜBA) Outstanding Young Scientists Award (GEBİP) in 2016. His research interests are in the areas of (i) Biomolecular machines, motors, and systems (ii) Computational simulation and modeling, (iii) Drug Design, and (iv) Food Drying. He joined the editorial board of Journal of Molecular Graphics and Modelling in 2016.

Education Information

Doctorate, Koç Üniversitesi, Fen Bilimleri Enstitüsü, Turkey 2007 - 2010

Under Graduate, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2000 - 2006

Foreign Languages

German

English

Dissertations

Doctorate, Binding and mode coupling of proteins, Koç Üniversitesi, Fen Bilimleri Enstitüsü, 2010

Research Areas

Health Sciences, Medicine, Fundamental Medical Sciences, Biostatistics and Medical Informatics, Biochemistry, Technical Sciences, Mechanical Engineering, Thermodynamics, Basic Sciences, Life Sciences, Biophysics, Molecular Biophysics, Molecular Biology and Genetics, Protein Engineering

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Makina, Makina Mühendisliği, 2021 - Continues
Assistant Professor, Istanbul Technical University, Makine Mühendisliği Bölümü, 2018 - 2021
Assistant Professor, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, 2015 - 2018
Assistant Professor, University Of California, Berkeley, Kimya, Kimya, 2017 - 2017
Assistant Professor, University Of Pittsburgh, Tıp Fakültesi, Hesaplamalı Biyoloji Ve Sistem Biyolojisi, 2016 - 2016
Research Assistant, University Of Pittsburgh, Tıp Fakültesi/School Of Medicine, Hesaplamalı Biyoloji Ve Sistem Biyolojisi Bölümü/Department Of Computational And Systems Biology , 2010 - 2014
Lecturer PhD, University Of Pittsburgh, Mühendislik Fakültesi/Swanson School Of Engineering, Makina Mühendisliği Ve Malzeme Bilimi Bölümü/Department Of Mechanical Engineering And Material Science, 2012 - 2012
Research Assistant, Koç Üniversitesi, Fen Bilimleri Enstitüsü, Hesaplamalı Bilimler Ve Mühendislik (Dr), 2007 - 2010
Research Assistant, Koç Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2006 - 2007

Academic and Administrative Experience

Vice Dean, Istanbul Technical University, Makina, Makina Mühendisliği, 2020 - Continues
Assistant Director of the Institute, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2018 - 2020

Courses

MAK 370 - Uygulamalı Isı Geçişi, Under Graduate, 2016 - 2017

Supported Projects

Gür M., Project Supported by Higher Education Institutions, Çoklu Ölçekli Simülasyonlardan Elde Edilen Leut Dinamiği Bilgisi, 2015 - 2018

Activities in Scientific Journals

Journal of Molecular Graphics and Modelling, Committee Member, 2016 - Continues

Edit Congress and Symposium Activities

5. Uluslararası BAU İlaç Tasarımı Kongresi, Invited Speaker, İstanbul, Turkey, 2016

Citations

Total Citations (WOS):391
h-index (WOS):10

Scholarships

Nature Travel Grant, Other International Organizations, 2010 - Continues