

Assoc. Prof. Hakan Usta

Abdullah Gül University, Faculty of Engineering, Department of Materials Science and Nanotechnology Engineering, Kayseri, Turkey



Dr. Hakan Usta is an Associate Professor in the Department of Materials Science and Nanotechnology Engineering at Abdullah Gül University (AGU). He received his B.S. in Chemistry in 2004 from Bilkent University (Ankara, Turkey) and he obtained his Ph.D. in Chemistry from Northwestern University (Evanston, IL) under the supervision of Prof. Tobin J. Marks in 2008. He then joined Polyera Corporation, Illinois Science & Technology Park (Skokie, IL), where he worked as a Senior Research Scientist between 2008-2011 and as a Project Leader between 2011-2013. While he was at Polyera, the R&D Team has received three important international awards: Flexi R&D Award, FlexTech Alliance (USA) in 2011; IDTechEx Printed Electronics Europe Award (Germany) in 2010; and US National Institute of Standards and Technology (NIST) Innovation Award (USA) in 2010.

In 2013, Dr. Usta joined the faculty at AGU. Dr. Usta received the 2014-BAGEP Distinguished Young Scientist Award, 2015-The Young Scientist of the Year (Science Heroes Association), and 2015-The Young Scientists Award (TÜBA-GEBİP) in the field of materials science and nanotechnology. Dr. Usta has published more than 40 research articles in high impact journals including JACS, Advanced Materials, and Nature Materials, with a total international citation of more than 2500. He has 1 book chapter with Wiley, and holds 14 international patents. His current research interests include the development of high-performance functional organic materials for optoelectronic applications.