

Assoc. Prof. Dr. Mehmet Oguz GULER

He is currently working as an Assistant Prof.Dr. in Sakarya University. He has received BSc, MSc and PhD degree in 2009 from Sakarya University in Materials Science Department. He has studied tin oxide based anode development by vacuum techniques for Li-ion batteries. He has been awarded by DAAD fellowship at Karlsruhe Research Center, Institute of Nanotechnology, and developed novel thin anode electrodes for Li-ion batteries. He has experienced to produce electrodes and designing batteries and also testing the electrochemical properties of Li-ion batteries. His main disciplinary focus is on energy storage medias, a discipline where synthesizing materials on both nano and micro scale are used as anodes, cathodes and electrolytes suitable for Li-ion, Na-ion, Mg-ion and Li-air batteries. A second focus is also on the electrochemical characterization by using several electrochemical methods. Presently, he is managing 2 bilateral project on Li-ion and Na-ion batteries. He has more than 60 papers, 5 book chapters and 200 conference papers.