

Alessandro DI MICHELE_CV

Alessandro Di Michele is a researcher in Chemical Foundations of Technologies at the Department of Physics and Geology, University of Perugia (UniPG). He obtained his BSc in Chemistry in 2001 and his PhD in Chemical Sciences in 2008. His doctoral research, jointly supervised by UniPG, UniMI, and UniPR, focused on the development of new nanostructured catalysts for the Fischer-Tropsch process, synthesized via sonochemistry and based on Fe, Co, Cu, and Ru. After completing his PhD, he worked on the synthesis and characterization of nanostructured catalysts for various processes, including methane and ethanol steam reforming, photocatalysis, and the Fischer-Tropsch process. He is currently developing advanced materials for CO₂ valorization.