



Luca Malfatti (Associate Professor of Materials Science at the University of Sassari, Italy) is an expert of sol-gel based hybrid nanocomposites and nanoporous films. He has > 110 articles (h index 26 and > 2200 citations), 1 patent application, 7 chapters in hybrid materials textbooks and he was invited speakers in several international conferences. He is coordinator of national and bilateral international projects focused on the application of functional porous thin films. He was visiting researcher at CNEA in Buenos Aires, University Paris VI, Osaka Prefecture

University and CSIRO of Melbourne Since 2015 is in the board of directors of the "International Sol-Gel Society" and in the editorial board of Materials (MPDI). His research deals with the synthesis of mesoporous and hierarchical porous materials obtained by supramolecular self-assembly and their top-down processing for the development of functional devices. Recently he focused on the development of hybrid organic-inorganic films containing 2D-nanostructures (graphene and carbon quantum dots) for applications in photonics and sensing.