

Alessia GIORDANA_CV

Alessia Giordana is a researcher (RTDA) in Inorganic Chemistry at Dipartimento di Chimica, Università degli Studi di Torino (UniTO). She received her Ph.D. in Chemical and Material Sciences in 2020 at the same institution. She is engaged in different research topics, and the main is the preparation of inorganic materials using innovative approaches (microwave, sonication, mechano-synthesis) and with a circular economy prospect, using waste as starting reagent. The obtained materials can find application in heterogeneous catalysis, in particular for water remediation and biomass valorization. On the other hand, she has experience of different spectroscopic techniques, particularly vibrational spectroscopy, used to investigate the surface properties of materials and study the correlation between structure and properties.