

Dr. Leonarda Francesca. Liotta



Leonarda Francesca Liotta is chemist Director of Research and Deputy Director of Palermo branch of the Institute for the Study of Nanostructured Materials (ISMN)-CNR. She is also member of the Scientific Board of the CNR Department of Chemical Sciences and Materials Technologies, DSCTM-CNR.

She is co-author of 250 articles in peer-reviewed internal journals, 8 book chapters, and 1 PCT Int. Appl. WO patent. She contributed to more the 400 International and National Conferences and informative works with H index: 51 (Scopus 2024). She was mentioned in a list of the top

2% most cited scientists in the world, published by Stanford University.

Dr. Liotta is member of the International Association of Catalysis Societies (IACS), member of the MC of COST Action 17136 “Indoor Air Pollution network” and of the MC of COST Action 18224 “Green Chemical Engineering Network towards upscaling sustainable processes. In addition, she is member of the Italian Chemical Society in the Industrial Chemistry Group and Interdivisional Catalysis Group. She is in the Scientific Board of the Italian ENERCHEM “Interdivisional Group of Chemistry for Renewable Energy” (2022–2024) and in the Scientific Board of the Interdivisional Catalysis Group (2015-2017) (2018-2020).

Visiting researcher at the University of Lyon, Lille, Dunkirk, Sorbonne Paris, Valencia, Sevilla, Budapest, Sofia, Tosmk State University, Magurele.

Her main interests are in the field of heterogeneous catalysis (supported noble metals, transition metal oxides, and inorganic perovskites) and materials science applied to environmental remediation (NO SCR, VOCs, and soot oxidation) and clean energy production/storage (dry/steam reforming, CO₂ methanation, SOFCs, SOECs, batteries).