

Responsabile scientifico italiano

Titolo **Prof.**

Cognome **D'EPIFANIO**

Nome **ALESSANDRA**

Qualifica **Professore associato**

C.V.

AD is Associate Professor of Chemistry in the Department of Chemical Science and Technology, at the University of Roma Tor Vergata. She received her Laurea in Chemistry from Sapienza University of Rome, and her PhD in Materials Engineering from the University of Roma Tor Vergata. She teaches several classes (graduate, and undergraduate level) on Inorganic Chemistry and Solid State Ionics to engineering students. She is Member of the Teaching Supervising Committee of the International Ph.D. Program in Materials for Health, Environment and Energy. The scientific activity of ADE is focused on the study of innovative materials for energy conversion and sustainable development. It can be summarized mainly on three topics: - Development of innovative synthetic procedures for the preparation of nanostructured materials for energy applications such as, polymeric fuel cells (PEM), Bio-electrochemical system (BES), solid oxide fuel cells (SOFC), Redox Flow Battery (RFB), lithium ion batteries, fourth generation photovoltaics. - Structural and morphological characterization of materials. - Electrochemistry. She is coordinator of the Electrochemistry Laboratory for Energy of the MaDE@UTV group. (Materials and Devices for Energy <http://made.uniroma2.it/>) She collaborates with numerous international and national scientific groups and she is an active member of a number of professional societies, such as the Electrochemical Society (ECS), Italian Chemical Society (SCI) and Italian Association of Chemistry for Engineering (AICIng). She actively participated to numerous research projects financed by European Union, Regione Lazio, MUR, Ministry for Foreign Affairs, Ministry for Environment. Co-author of 128 papers on International Journals and over 100 scientific contributions at international conferences, meetings and schools. Her papers have been cited more than 5400 times and her H-index is 38 at May 2022. <https://www.scopus.com/authid/detail.uri?authorId=57216865507>.