

Short CV Gabriella Di Carlo

Gabriella Di Carlo, PhD in Chemistry, is Senior Researcher at the Institute for the Study of Nanostructured Materials belonging to the National Research Council of Italy. Her main research interests include the development of innovative materials and technologies for the sustainable conservation of cultural heritage through the study of degradation processes and their inhibition. Her activities are also addressed to the reuse and valorisation of waste materials (e.g. polysaccharides, cellulose, plastics). In recent years, her research efforts have been focused on the design, preparation and validation of multifunctional and responsive stimuli materials for the protection of cultural objects and monuments. She teaches at Sapienza University holding a course on “Restoration and Conservation Chemistry Laboratory”; for the conservation of metal objects. Her activities are mainly conducted within European, national and regional projects which include the development of new eco-sustainable materials and/or the valorisation of waste for applications in the conservation of cultural heritage (e.g. EU Greenart, MUR EcoForConcrete, EU Apache, EU InnovaConcrete, EU Nanorestart), holding the role of research unit manager or coordinator. She is co-author of more than 90 publications in international ISI journals which have received about 4000 citations and has an H-index of 31 (Source: Scopus).