1. Record Nr. UNINA9910580214703321

Autore	Marco Nervo
Titolo	Conservation Tools, Protocols and Treatments on Painted Surfaces, Metal Leaves and Finishes in Cultural Heritage
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (166 p.)
Soggetti	History of engineering and technology Materials science Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Conservation of painted surfaces, metal leaves, and finishes requires a deep knowledge of both the materials themselves and the supports and the interaction phenomena occurring among them. Superficial treatments, operations, and materials adopted during the conservation intervention can modify the complex system of existing interactions. Therefore, it is fundamental to predict possible induced changes of the chemical-physical properties of the systems. This Special Issue aims at contributing to the definition of the state-of-the-art in the approach to conservation problems of painted surfaces, metal leaves, and finishes. In particular, the topic of interest includes but is not limited to: Methodological approaches for the conservation treatments of the painted surfaces, metal leaves, and finishes; Analytical tools and protocols for the validation of the treatment efficacy and recognizability; Analytical tools for the characterization of surface materials and their decay processes; New materials and treatments.

2. Record Nr. UNINA9910404087803321

Autore	Matricardi Pietro
Titolo	Self-Organizing Nanovectors for Drug Delivery
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-429-0
Descrizione fisica	1 online resource (186 p.)
Soggetti	Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Nanomedicine represents one of the most investigated areas in the last two decades in the field of pharmaceutics. Several nanovectors have been developed and a growing number of products have been approved. It is well known that many biomaterials are able to self-organize under controlled conditions giving rise nanostructures. Polymers, lipids, inorganic materials, peptides and proteins, and surfactants are examples of such biomaterials and the self-assembling property can be exploited to design nanovectors that are useful for drug delivery. The self-organization of nanostructures is an attractive approach to preparing nanovectors, avoiding complex and high-energy-consuming preparation methods, and, in some cases, facilitating drug loading procedures. Moreover, preparations based on these biocompatible and pharmaceutical grade biomaterials allow an easy transfer from the lab to the industrial scale. This book reports ten different works, and a review, aiming to cover multiple strategies and pharmaceutical applications in the field of self-organizing nanovectors for drug delivery.