1. Record Nr. UNINA9910580204103321

Autore	Mazzaglia Antonino
Titolo	Carbon Nanomaterials for Therapy, Diagnosis, and Biosensing
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (166 p.)
Soggetti	Industrial chemistry and chemical engineering Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In the landscape of the design of carbon nanomaterials, the fine-tuning of their functionalities and physico-chemical properties has increased their potential for therapeutic, diagnostic, and biosensing applications. In this editorial, we will provide a brief overview of the contents of this Special Issue. In particular, nanoplatforms originating from the synergistic combination of carbon-based nanomaterials (i.e., nanotubes, graphene, graphene oxide, carbon quantum dots, nanodiamond, etc.) with various functional molecules such as drugs, natural compounds, biomolecules, polymers, metal nanoparticles, and macrocycles that have useful applications in drug delivery, multi-targeted therapies, theranostic as well as scaffolds in tissue engineering, and as sensing materials have been selected for publication as Articles or Mini Reviews. The variety of applications covered by the nine articles published in this Special Issue of Nanomaterials are proof of the growing attention that the use of carbon nanomaterials in the biomedical/pharmaceutical field has received in recent years. We hope that readers find the contents of this Special Issue useful for their research, which is aimed to advance carbon nanomaterials from the laboratory to clinical nanomedicine.

2. Record Nr. UNINA9910346772903321

Autore	Wirges Johannes
Titolo	Planning the Charging Infrastructure for Electric Vehicles in Cities and Regions
Pubbl/distr/stampa	KIT Scientific Publishing, 2016
ISBN	1-000-05325-3
Descrizione fisica	1 online resource (XXVII, 498 p. p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Planning the charging infrastructure for electric vehicles (EVs) is a new challenging task. This book treats all involved aspects: charging technologies and norms, interactions with the electricity system, electrical installation, demand for charging infrastructure, economics of public infrastructure provision, policies in Germany and the EU, external effects, stakeholder cooperation, spatial planning on the regional and street level, operation and maintenance, and long term spatial planning.