1. Record Nr. UNINA9910557608303321 Autore Martins Roberto Titolo Green Nanotechnology: The Latest Innovations, Knowledge Gaps, and **Future Perspectives** Pubbl/distr/stampa Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022 Descrizione fisica 1 electronic resource (84 p.) Soggetti Technology: general issues Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia This Book presents original research articles published in the Special Sommario/riassunto Issue entitled "Green Nanotechnology: The Latest Innovations, Knowledge Gaps, and Future Perspectives". It proposes pioneering and innovative applications, products, technologies, and processes in several green nanotechnology-related fields (e.g., drug delivery systems, antifouling nanoadditives, and coatings for optical applications), as well as identifying some knowledge gaps on this domain. Research on the sustainable production of nanomaterials based on safe-by-design approaches and (eco)toxicological assessments of novel nanomaterials is also provided. Future perspectives are also highlighted in the Editorial and across the original

articles.