

1. Record Nr.	UNINA990007414640403321
Autore	Tizzano, Antonio <1940- >
Titolo	Il Trattato di Amsterdam : con i testi coordinati del Trattato di Maastricht e del Trattato della Comunità Europea / Antonio Tizzano
Pubbl/distr/stampa	Padova, : Cedam, 1998
ISBN	88-13-20835-9
Descrizione fisica	XIX, 394 p. ; 24 cm
Disciplina	341.24 341.026 322
Locazione	DSS DDCIC FGBC DSI
Collocazione	Q 237 XV A 115 X Q 491 Q 414
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910806193203321
Autore	Talreja Neetu
Titolo	Two-dimensional Hybrid Composites : Synthesis, Properties and Applications / / edited by Neetu Talreja, Divya Chauhan, Mohammad Ashfaq
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819980109 9819980100
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (430 pages)
Collana	Engineering Materials, , 1868-1212
Altri autori (Persone)	ChauhanDivya AshfaqMohammad
Disciplina	530.41 620.19
Soggetti	Condensed matter Composite materials Solid state chemistry Solid state physics Nanoelectromechanical systems Materials Detectors Two-dimensional Materials Composites Solid-State Chemistry Electronic Devices Nanoscale Devices Sensors and biosensors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Boron Nitride and Its Hybrids: Synthesis, Properties and Potential Applications -- Two-dimensional (2D) materials incorporated PMMA Polymeric Nanocomposites: Synthesis and applications -- Two-Dimensional Transition Metal Oxides (TMOs) for solar cell applications -- MXene-based Two-dimensional (2D) Hybrid materials and their

Applications towards environment -- 2D Metal Carbides & Nitrides (MXenes) in Water Treatment -- Two dimensional (2D)-hybrid nanocomposites for environmental sensing applications -- Graphene-based nanocomposites in electrochemical sensing -- Two-Dimensional (2D) Materials for Bio-sensing applications -- Two-dimensional material based novel drug delivery system -- Two-dimensional graphene quantum dots in drug delivery applications -- Two-dimensional (2D)-based Hybrid Composites for Cancer Diagnosis and Therapy -- Two dimensional (2D) based hybrid polymeric nanoparticles as novel potential therapeutics in treatment of hepatocellular carcinoma -- Potential of 2D-Materials: Novel Insights and Applications in Colorectal Cancer Research -- An Overview of Two-Dimensional Materials and Their Applications in Dentistry -- Two-Dimensional-Based Hybrid Materials for Agriculture System.

Sommario/riassunto

This book highlights a comprehensive review of synthesis, properties, and strategies to improve the applicability of 2D materials like graphene, borophenes, metal nanosheets, phosphorene, and transition metal dichalcogenides (TMDs). It also highlights the synthesis of 2D-based hybrid composite materials and their effects on applicability, especially in energy, environment, and biomedical applications, by incorporating surface functional groups, metal/non-metal ions, and polymers. The advancement in innovative technology and use of 2D-based hybrid composite materials can improve the development of newer products/opening newer possibilities to fight existing issues related to environment, energy, and biomedical sciences. However, researchers continue to face numerous challenges in developing newer products/possibilities, large-scale production, with health and environmental impact being a challenge. This book serves as a valuable resource for researchers, professionals and students working in the field of advanced materials, especially 2D-based hybrid composites.
