1. Record Nr. UNINA9910140593403321

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Titolo	Chemistry of nanocarbons [[electronic resource] /] / Edited by Takeshi Akasaka, Fred Wudl, Shigeru Nagase
Pubbl/distr/stampa	Chichester, West Sussex, : Wiley, 2010
ISBN	0-470-97577-6 1-283-13875-1 9786613138750 0-470-66018-X 0-470-66019-8
Descrizione fisica	1 online resource (538 p.)
Altri autori (Persone)	WudlFred NagaseShigeru
Disciplina	620/.5
Soggetti	Nanotubes Fullerenes Nanodiamonds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chemistry of Nanocarbons; Contents; Preface; Acknowledgements; Contributors; Abbreviations; 1 Noncovalent Functionalization of Carbon Nanotubes; 2 Supramolecular Assembly of Fullerenes and Carbon Nanotubes Hybrids; 3 Properties of Fullerene-Containing Dendrimers; 4 Novel Electron Donor Acceptor Nanocomposites; 5 Higher Fullerenes: Chirality and Covalent Adducts; 6 Application of Fullerenes to Nanodevices; 7 Supramolecular Chemistry of Fullerenes: Host Molecules for Fullerenes on the Basis of p-p Interaction; 8 Molecular Surgery toward Organic Synthesis of Endohedral Fullerenes 9 New Endohedral Metallofullerenes: Trimetallic Nitride Endohedral Fullerenes10 Recent Progress in Chemistry of Endohedral Metallofullerenes; 11 Gadonanostructures as Magnetic Resonance Imaging Contrast Agents; 12 Chemistry of Soluble Carbon Nanotubes: Fundamentals and Applications; 13 Functionalization of Carbon Nanotubes for Nanoelectronic and Photovoltaic Applications; 14 Dispersion and Separation of Single-walled Carbon Nanotubes; 15

Molecular Encapsulations into Interior Spaces of Carbon Nanotubes and Nanohorns; 16 Carbon Nanotube for Imaging of Single Molecules in Motion
17 Chemistry of Single-Nano Diamond Particles18 Properties of p-electrons in Graphene Nanoribbons and Nanographenes; 19 Carbon Nano Onions; Index; Colour Plates

Sommario/riassunto

During the last decade, fullerenes and carbon nanotubes have attracted special interest as new nanocarbons with novel properties. Because of their hollow caged structure, they can be used as containers for atoms and molecules, and nanotubes can be used as miniature test-tubes. Chemistry of Nanocarbons presents the most up-to-date research on chemical aspects of nanometer-sized forms of carbon, with emphasis on fullerenes, nanotubes and nanohorns. All modern chemical aspects are mentioned, including noncovalent interactions, supramolecular assembly, dendrimers, nanocomposites, chiralit