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Altri autori (Persone)	Abd-El-AzizAlaa S
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Synthetic Versatility and Structural Modularity in Organometallic Polymers -- Hyperbranched Polymers Containing Transition Metals: Synthetic Pathways and Potential Applications -- Transition Metal ?-Acetylide Polymers Containing Main Group Elements in the Main Chain: Synthesis, Light Emission and Optoelectronic Applications -- The Spectroscopy and Photophysical Behavior of Diphosphine- and Diisocyanide-Containing Coordination and Organometallic Oligomers and Polymers: Focus on Palladium and Platinum, Copper, Silver, and Gold -- Metal Binding Studies of Ferrocene Peptides in Solution -- Metal Ion Binding to Ferrocene Peptide Dendrimer Films -- Iron-Containing Polymers with Azo Dyes in their Side Chains or Backbones -- Cisplatin Derivatives as Antiviral Agents -- Vanadocene-Containing Polymers -- Hafnium-Containing Nanocomposites -- Nanoscale Dendrimer-Platinum Conjugates as Multivalent Antitumor Drugs -- Mössbauer Spectroscopy and Organotin Polymers -- Fundamentals of Fragmentation Matrix Assisted Laser Desorption/Ionization Mass Spectrometry -- Borazine Based Preceramic Polymers for Advanced BN Materials -- Recent Advances in High-Temperature Network Polymers of Carboranylenesiloxanes and Silarylene-Siloxanes -- Antimony-

Containing Polymers -- Bacterial Inhibition by Organotin-Containing
Polymers -- Polymeric Organotin Fibers.

Sommario/riassunto

Polymers containing metals and metal-like atoms are essential materials for the extended opportunities and demands of the 21st century. This book describes the synthesis of some of these polymers and their potential application in many fields such as materials, biomedicine, engineering, communications, and ceramics.
