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Nota di contenuto	Historical perspective / Peter J. Stang -- 100 years of carbocations and their significance in chemistry / George A. Olah -- Zwitterionic "Neutral" and "Anionic" carbocation analogs / Chaitanya S. Wannere, Zhongfang Chen, and Paul von Rague Schleyer -- Recent studies of long-lived carbocations and carbodications / G.K. Surya Prakash and V. Prakash Reddy -- Antiaromaticity effects in cyclopentadienyl carbocations and free radicals / Annette D. Allen and Thomas T. Tidwell -- Long-lived carbocations in cold Siberia / Vyacheslav G. Shubin and Gennady I. Borodkin -- Polyfluorinated carbocations / Vitalij D. Shteingarts -- Carbocations, fast rearrangement reactions, and the isotopic perturbation method / Martin Saunders and Olga Kronja -- Stable ion chemistry of polycyclic aromatic hydrocarbons (PAHs) / Kenneth K. Laali -- Chromium tricarbonyl-coordinated carbocations / Bruce N. Hietbrink [and others] -- Carbocations in gold chemistry / Hubert Schmidbaur and Keith A. Porter -- Proton exchange between strong acids and alkanes / Jean Sommer and Alain Goeppert -- Electrophilicity scales for carbocations / Herbert Mayr and Armin R. Ofial -- Organic synthesis in superacids / Jean-Claude Jacquesy.
Sommario/riassunto	"The study of carbocation chemistry has become one of the most fascinating and fruitful areas in organic chemistry. Carbocation Chemistry assembles the most current information on this wide-ranging topic, and is a reference for academics and practitioners around the world - and across the scientific spectrum."--Jacket.