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| 1. Record Nr.           | UNINA9910830489503321  |
| Titolo                  | Carbocation Chemistry  |
| Pubbl/distr/stampa      | [Place of publication not identified], : Wiley Interscience Imprint, 2004  |
| ISBN                    | 0-471-67865-1  |
| Descrizione fisica      | 1 online resource (ix, 393 pages) : illustrations (some color)   |
| Disciplina              | 547/.1372  |
| Soggetti                | Carbocations   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph  |
| 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 carbodocations / 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.   |