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| Soggetti                | Polymers<br>Amorphous substances<br>Complex fluids<br>Ceramics<br>Glass<br>Composite materials<br>Polymer Sciences<br>Soft and Granular Matter, Complex Fluids and Microfluidics<br>Ceramics, Glass, Composites, Natural Materials                                                                                                                                                                                                                                                                                                                               |
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| Nota di contenuto       | A Brief History of Polymeric Cryogels -- General Aspects of Cryotropic Gelation -- Synthesis, Structure-Property Relationships of Cryogels -- Kinetic Analysis of Cryotropic Gelation by Small-Angle Neutron Scattering -- Cryogels via UV Irradiation Technique -- Inorganic Cryogels -- Cryogels for Biotechnological Applications -- Cryogels for Biomedical Applications.                                                                                                                                                                                    |
| Sommario/riassunto      | A Brief History of Polymeric Cryogels Vladimir I. Lozinsky Basic Principles of Cryotropic Gelation Vladimir I. Lozinsky, Oguz Okay Synthesis, Structure-Property Relationships of Cryogels Oguz Okay, Vladimir I. Lozinsky Kinetic Analysis of Cryotropic Gelation of Poly(vinyl alcohol)/water Solutions by Small-Angle Neutron Scattering Claudio De Rosa, Finizia Auriemma, Rocco Di Girolamo Cryogels via UV Irradiation Technique Petar D. Petrov, Christo B. Tsvetanov Inorganic Cryogels Oleg A. Shlyakhtin Cryogels for Biotechnological Applications Bo |

