1. Record Nr. UNINA9910557667503321 Autore Lorenz Heike Titolo Advances in Industrial Crystallization Pubbl/distr/stampa Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021 Descrizione fisica 1 online resource (258 p.) Soggetti Technology: general issues Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia This Special Issue is result of a call for papers of the Section Industrial Sommario/riassunto Crystallization of MDPI's scientific journal Crystals. It addresses scientists and engineers active in research and process & product development in life-science industries (e.g. pharmaceuticals, fine chemicals and biotechnology products) and bulk chemical applications (e.g. desalination) as well. The contributions comprise several fundamental and application-oriented facets of crystallization providing an overview of industrially relevant subjects in the field. Main issues cover phase equilibria and solid-state behavior of crystalline compounds, crystal shape and size and related measurement techniques. Melt and solution crystallization are considered specifically addressing contemporary aspects of continuous crystallization and

process intensification.