1. Record Nr. UNINA9910688348803321 Analytical liquid chromatography: new perspectives / / edited by Titolo Serban C. Moldoveanu, Victor David Pubbl/distr/stampa London, England:,:IntechOpen,, 2022 Descrizione fisica 1 online resource (108 pages) Disciplina 543.0894 Soggetti Liquid chromatography High performance liquid chromatography Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto 1. Progress in Technology of the Chromatographic Columns in HPLC --2. Perspective Chapter: Mixed-Mode Chromatography -- 3. Perspective Chapter: Multi-Dimensional Liquid Chromatography Principles and Applications -- 4. Ionic Liquids in Liquid Chromatography -- 5. Perspective Chapter: Advantages of Ion Mobility Coupled with HPLC/UPLC. This book consists of several selected chapters on important subjects Sommario/riassunto in modern high-performance liquid chromatography (HPLC) and ultraperformance liquid chromatography (UPLC). The content addresses aspects related to both improvements in the mainstream HPLC/UPLC technology and utilization, as well as developments of exploratory new materials and equipment. The book presents useful details about the presented subjects as well as describes new applications and/or relevant case studies for each subject. It is addressed to a large audience of analytical chemists involved in separation science. Each chapter is authored by scientists with considerable field and academic experience.