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Titolo	Analytical liquid chromatography : new perspectives // edited by 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.
Sommario/riassunto	This book consists of several selected chapters on important subjects in modern high-performance liquid chromatography (HPLC) and ultra-performance 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.

2. Record Nr.	UNINA9910576873903321
Autore	Giansanti Daniele
Titolo	The Artificial Intelligence in Digital Pathology and Digital Radiology: Where Are We?
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (158 p.)
Soggetti	Medical equipment and techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This book is a reprint of the Special Issue entitled "The Artificial Intelligence in Digital Pathology and Digital Radiology: Where Are We?". Artificial intelligence is extending into the world of both digital radiology and digital pathology, and involves many scholars in the areas of biomedicine, technology, and bioethics. There is a particular need for scholars to focus on both the innovations in this field and the problems hampering integration into a robust and effective process in stable health care models in the health domain. Many professionals involved in these fields of digital health were encouraged to contribute with their experiences. This book contains contributions from various experts across different fields. Aspects of the integration in the health domain have been faced. Particular space was dedicated to overviewing the challenges, opportunities, and problems in both radiology and pathology. Clinical deepens are available in cardiology, the histopathology of breast cancer, and colonoscopy. Dedicated studies were based on surveys which investigated students and insiders, opinions, attitudes, and self-perception on the integration of artificial intelligence in this field.</p>