

1. Record Nr.	UNINA9910143555203321
Autore	Miller James M. <1933->
Titolo	Chromatography [[electronic resource] ] : concepts and contrasts // James M. Miller
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2005
ISBN	0-471-98058-7 1-280-28740-3 9786610287406 0-470-53025-1 0-471-98059-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (518 p.)
Disciplina	543.089 543.8 543/.8
Soggetti	Chromatographic analysis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Impact of industrial and governmental regulatory practices on analytical chromatography -- Introduction to chromatography -- Band broadening and kinetics -- Physical forces and interactions -- Optimization and the achievement of separation -- Comparisons between chromatographic modes -- Gas chromatography -- Liquid chromatography in columns -- Quantitation : detectors and methods -- Chromatography with mass spectral detection (GC/MS and LC/MS) -- Liquid chromatography on plane surfaces -- Qualitative analysis -- Capillary electrophoresis and capillary electrochromatography -- Sample preparation -- Special applications -- Selection of a method.
Sommario/riassunto	The first edition of Chromatography: Concepts and Contrasts, published in 1988, was one of the first books to discuss all the different types of chromatography under one cover. The second edition continues with these principles but has been updated to include new chapters on sampling and sample preparation, capillary electrophoresis and capillary electrochromatography (CEC), chromatography with mass

spec detection, and industrial and governmental practices in regulated industries. Covers extraction, solid phase extraction (SPE), and solid phase microextraction (SPME), and introd

---