

1. Record Nr.	UNINA9910146269003321
Titolo	HPLC made to measure [[electronic resource]] : a practical handbook for optimization // edited by Stavros Kromidas
Pubbl/distr/stampa	Weinheim, : Wiley-VCH [Chichester, : John Wiley, distributor], c2006
ISBN	1-281-31169-3 9786611311698 3-527-61197-5 3-527-61199-1
Descrizione fisica	1 online resource (789 p.)
Altri autori (Persone)	Kromidas, Stavros
Disciplina	543.0894 543.84
Soggetti	High performance liquid chromatography - Methodology Liquid chromatography 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	HPLC Made to Measure; Foreword; Preface; Contents; List of Contributors; Structure of the Book; 1 Fundamentals of Optimization; 1.1 Principles of the Optimization of HPLC Illustrated by RP-Chromatography; 1.1.1 Before the First Steps of Optimization; 1.1.2 What Exactly Do We Mean By "Optimization"?; 1.1.3 Improvement of Resolution ("Separate Better"); 1.1.3.1 Principal Possibilities for Improving Resolution; 1.1.3.2 What has the Greatest Effect on Resolution?; 1.1.3.3 Which Sequence of Steps is Most Logical When Attempting an Optimization?; 1.1.3.4 How to Change k , α , and N 1.1.3.4.1 Isocratic Mode 1.1.3.4.2 Gradient Mode 1.1.3.4.3 Acetonitrile or Methanol? 1.1.4 Testing of the Peak Homogeneity; 1.1.5 Unknown Samples: "How Can I Start?"; Strategies and Concepts; 1.1.5.1 The "Two Days Method"; 1.1.5.2 "The 5-Step Model"; 1.1.6 Shortening of the Run Time ("Faster Separation"); 1.1.7 Improvement of the Sensitivity ("To See More", i.e. Lowering of the Detection Limit); 1.1.8 Economics in HPLC ("Cheaper Separation"); 1.1.9 Final Remarks and Outlook;

References; 1.2 Fast Gradient Separations; 1.2.1 Introduction; 1.2.2 Main Part; 1.2.2.1 Theory; 1.2.2.2 Results
1.2.2.2.1 General Relationships1.2.2.2.2 Short Columns, Small Particles; 1.2.2.2.3 An Actual Example; 1.2.2.3 Optimal Operating Conditions and Limits of Currently Available Technology; 1.2.2.4 Problems and Solutions; 1.2.2.4.1 Gradient Delay Volume; 1.2.2.4.2 Detector Sampling Rate and Time Constant; 1.2.2.4.3 Ion Suppression in Mass Spectrometry; References; 1.3 pH and Selectivity in RP-Chromatography; 1.3.1 Introduction; 1.3.2 Main Section; 1.3.2.1 Ionization and pH; 1.3.2.2 Mobile Phase and pH; 1.3.2.2.1 Buffer Capacity
1.3.2.2.2 Changes of pK and pH Value in the Presence of an Organic Solvent1.3.2.3 Buffers; 1.3.2.3.1 Classical HPLC Buffers; 1.3.2.3.2 MS-Compatible pH Control; 1.3.2.4 Influence of the Samples; 1.3.2.4.1 The Sample Type: Acids, Bases, Zwitterions; 1.3.2.4.2 Influence of the Organic Solvent on the Ionization of the Analytes; 1.3.3 Application Example; 1.3.4 Troubleshooting; 1.3.4.1 Reproducibility Problems; 1.3.4.2 Buffer Strength and Solubility; 1.3.4.3 Constant Buffer Concentration; 1.3.5 Summary; References; 1.4 Selecting the Correct pH Value for HPLC; 1.4.1 Introduction
1.4.2 Typical Approaches to pH Selection1.4.3 Initial pH Selection; 1.4.4 Basis of pK(a) Prediction; 1.4.5 Correction of pH Based on Organic Content; 1.4.6 Optimization of Mobile Phase pH Without Chemical Structures; 1.4.7 A Systematic Approach to pH Selection; 1.4.8 An Example - Separation of 1,4-Bis[(2-pyridin-2-ylethyl)thio]butane-2,3-diol from its Impurities; 1.4.9 Troubleshooting Mobile Phase pH; 1.4.10 The Future; 1.4.11 Conclusion; References; 1.5 Optimization of the Evaluation in Chromatography; 1.5.1 Evaluation of Chromatographic Data - An Introduction; 1.5.2 Working Range
1.5.3 Internal Standard

Sommario/riassunto

The only topical HPLC book to focus on optimization, this volume addresses the needs of HPLC users who wish to constantly improve their methods, in particular in terms of throughput, accuracy and cost-effectiveness. This handbook features contributions from such bestselling authors as John W. Dolan, Michael McBrien, Veronika R. Meyer, Uwe D. Neue, Lloyd R. Snyder, and Klaus K. Unger, as well as from scientists working for major companies, including Agilent, AstraZeneca, Merck, Schering, Tosoh Biosep, VWR, and Waters. It covers essential aspects of optimization in general, optimization in

2. Record Nr.	UNISA996390690703316
Autore	Garnet Henry <1555-1606.>
Titolo	An apology against the defence of schisme [[electronic resource]] : Lately written by an English diuine at Doway, for answer to a letter of a lapsed Catholicke in England his frend: who hauing in the late co[m]i mission gone to to [sic] the Church, defended his fall. Wherin is plainly declared, and manifestly proued, the generall doctrine of the diuines, & of the Church of Christ, which hitherto hath been taught and followed in England, concerning this pointe
Pubbl/distr/stampa	[London, : Fr. Garnet's first press, 1593]
Descrizione fisica	[12], 202 [i.e. 200] p
Soggetti	Schism Protestantism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	By Henry Garnet. Imprint information from STC. P. 200 misnumbered 202. Identified as STC 711 on UMI microfilm. Reproduction of the original in the Bodleian Library.
Sommario/riassunto	eebo-0014

3. Record Nr.	UNINA990004447710403321
Titolo	La mitologia giapponese secondo il 1. libro del Kojiki / Prefazione, introduzione e note di Raffaele Pettazzoni
Pubbl/distr/stampa	Bologna, : N. Zanichelli, 1929
Descrizione fisica	VIII, 118 p. ; 18 cm
Collana	Testi e documenti per la storia delle religioni. Religioni del Giappone Shintoismo ; 1
Disciplina	299.56
Locazione	FLFBC
Collocazione	6/III E 22
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
4. Record Nr.	UNINA9910791423503321
Titolo	Philadelphia and the development of Americanist archaeology [[electronic resource] /] edited by Don D. Fowler and David R. Wilcox
Pubbl/distr/stampa	Tuscaloosa, : University of Alabama Press, c2003
ISBN	0-8173-8463-4
Descrizione fisica	1 online resource (271 p.)
Altri autori (Persone)	FowlerDon D. <1936-> WilcoxDavid R. <1944->
Disciplina	974.8/01 974.801 974.811
Soggetti	Anthropology - Pennsylvania - Philadelphia - History Archaeology - Pennsylvania - Philadelphia - History Archaeologists - Pennsylvania - Philadelphia - Biography Archaeology - United States - History Indians of North America - Antiquities Philadelphia (Pa.) Intellectual life Congresses United States Antiquities Congresses
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers of the 3rd Gordon R. Willey Symposium on the History of American Archaeology, held in Philadelphia, Pa. in 2000.
Nota di bibliografia	Includes bibliographical references (p. [195]-230) and index.
Nota di contenuto	Drab doves take flight : the dilemmas of early Americanist archaeology in Philadelphia / Curtis M. Hinsley -- Toward consensus on the scope of archaeology : Daniel Garrison Brinton and the view from Philadelphia / Regna Darnell -- Unsung visionary : Sara Yorke Stevenson and the development of archaeology in Philadelphia / Elin C. Danien and Elinor M. King -- In the heat of controversy : C.C. Abott, the American Paleolithic, and the University Museum / David J. Meltzer -- Restoring authenticity : Judging Frank Hamilton Cushing's veracity / David R. Wilcox -- Clarence Bloomfield Moore : a Philadelphia archaeologist in the southeastern United States / Lawrence E. Aten and Jerald T. Milanich -- Lucy L.W. Wilson, Ph.D. : an eastern educator and the southwestern Pueblos / Frances Joan Mathien -- The second largest city in the English-speaking world : John L. Cotter and the historical archaeology of Philadelphia / Robert L. Schuyler -- Archaeology, Philadelphia, and understanding nine-teenth century American culture / Steven Conn -- Philharivarium / Alice Beck Keyhoe.
Sommario/riassunto	For two and a half centuries, Philadelphians have been actively involved in archaeological research. In particular, three vital and venerable cultural institutions-the American Philosophical Society (founded 1743), the Academy of Natural Sciences (founded 1812), and the University Museum of the University of Pennsylvania (founded 1893)-have nurtured the "systematic study of antiquities." The ten essays in this volume focus on Philadelphians who were concerned with Americanist archaeology, or the "archaeology of the New World." As Europeans, and later, Euroamericans, spre