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Titolo	Preparative chromatography of fine chemicals and pharmaceutical agents // edited by Henner Schmidt-Traub
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2005
ISBN	1-280-52078-7 9786610520787 3-527-60348-4 3-527-60590-8
Descrizione fisica	1 online resource (488 p.)
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Altri autori (Persone)	Schmidt-TraubH
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Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 421-434) and index.
Nota di contenuto	Preparative Chromatography; Contents; Preface; List of Contributors; Notation; List of Abbreviations; 1 Introduction; 2 Fundamentals and General Terminology; 3 Columns, Packings and Stationary Phases; 4 Selection of Chromatographic Systems; 5 Process Concepts; 6 Modeling and Determination of Model Parameters; 7 Model Based Design and Optimization; 8 Chromatographic Reactors; 9 Advanced Control of Simulated Moving Bed Processes; Outlook; References; Appendix A; Appendix B: Data of Test Systems; Index
Sommario/riassunto	This interdisciplinary approach combines the chemistry and engineering involved to describe the conception and improvement of chromatographic processes. The book covers recent developments in preparative chromatographic processes for the separation of "smaller" molecules using standard laboratory equipment as well as the detailed conception of industrial chemical plants. Following an introductory

section on the history of chromatography, the current state of research and the design of chromatographic processes, the book goes on to define the general terminology. There then follow sect

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