Book Review: Preparative Chromatography
The book "Preparative Chromatography" is a completely revised and substantially extended to reflect the developments in this fast-changing field. It retains the interdisciplinary approach that elegantly combines the chemistry and engineering involved to describe the conception and improvement of chromatographic processes. It also covers recent advances in preparative chromatographic processes for the separation of "smaller" molecules using standard laboratory equipment as well as the detailed conception of industrial chemical plants. The increase in biopharmaceutical substances is reflected by new and revised chapters on different modifications of continuous chromatography as well as ion-exchange chromatography and other separation principles widely used in biochromatography.

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 sections on stationary phases, selection of chromatographic systems and process concepts. A completely new chapter deals with engineering and operation of chromatographic equipment. Final chapters on modeling and determination of model parameters as well as model based design, optimization and control of preparative chromatographic processes allow for optimal selection of chromatographic processes.

Essential for chemists and chemical engineers in the chemical, pharmaceutical, and food industries.
Schmidt-Traub, H. / Schulte, Michael / Seidel-Morgenstern, Andreas (Hrsg.)

**Preparative Chromatography**
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