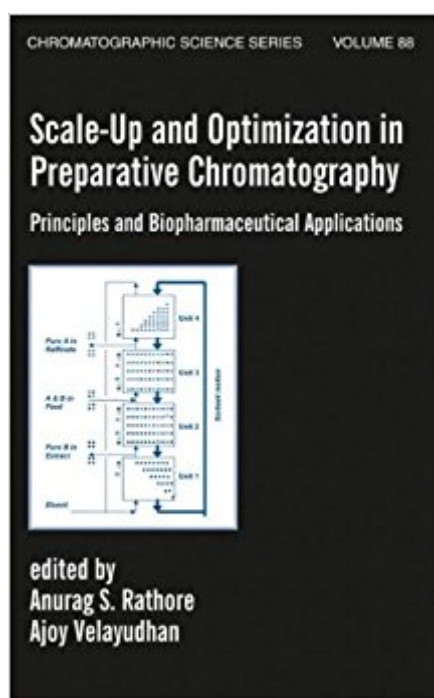


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Scale-Up And Optimization In Preparative Chromatography: Principles And Biopharmaceutical Applications (Chromatographic Science Series)



Synopsis

Presenting guidelines to predict and improve separation system performance, this book contains numerous case studies illustrating the practice of scale-up principles in process development. It offers solutions to limitations that occur in real-world purification schemes; methods to model, optimize, and characterize nonlinear separation processes; data comparisons from all stages of production; and industrial separation schemes for products such as synthetic molecules, antibody fragments, IgG, growth factors, and plasmid DNA. The book covers external constraints, separation economics, correlations for transport and kinetic phenomena, and the configuration and parameters of column design.

Book Information

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