

# Calixarenes For Separations

by Gregg J. Lumetta ; Robin D Rogers; Aravamudan S. Gopalan

These selective bindings are used as the basis for chemical separations, and calixarenes can be used for binding both cationic and anionic substrates, making . High Performance Liquid Chromatography on Calixarene-Bonded Silica Gels. II. Separations of Regio- and Stereoisomers on p-tert-Butylcalix[n]arene Phases. 2000: [00.4] Book: CALIXARENES FOR SEPARATIONS, 2000, ACS LIQUID CHROMATOGRAPHIC SEPARATION OF CALIXARENES New Proton-Ionizable, Calixarene-Based Ligands - OSTI Calixarenes for Separations - By Edited by Gregg J. Lumetta, Robin D. Rogers and Aravamudan S. Gopalan from Oxford University Press Canada.

Calixarenes as sensor materials for recognition and separation of . This book is a complete examination of the benefits and uses of calixarenes to provide frameworks for arranging binding functionalities in spatial arrangements . Calixarenes for Separations: 9780841236608: Medicine & Health . [00.4] Book: CALIXARENES FOR SEPARATIONS, 2000, ACS Symposium Series 757, pp. 71-85. Interfacial features of assisted liquid-liquid extraction of uranyl Chemical Separations Group R&D Projects

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Contact: Chemical Separations Group, Chemical Sciences Division, Oak Ridge . of Calixarene Fragments, in Calixarenes for Separations, G. J. Lumetta, R. D. Calixarenes for Separations - Oxford University Press Calixarenes as sensor materials for recognition and separation of metal ions††. Vandna Arora, Har Mohindra Chawla,\* and Suneel Pratap Singh. Department of A method for the separation of sulfonated calixarenes 4, 6 and 8 and the 4-hydroxybenzene sulfonate monomer by capillary zone electrophoresis with direct UV . Best Selling Calixarenes Books - Alibris Application of Calixarenes as Macrocyclic Ligands for Uranium(VI . SEPARATION OF STRONTIUM AND CESIUM FROM DISSOLVED SPENT . of strontium [6], and calixarenes [1], have been selected for separations of cesium. Calixarenes in analytical and separation chemistry - Springer . books online. Get the best Calixarenes books at our marketplace. Calixarenes: A Versatile Class of Macrocyclic Compounds Calixarenes for Separations. Calixarenes as sensor materials for recognition and separation of . Research focus: developing novel adsorbents for important separations applications . Oxide?Supported Calixarenes as Single?Site Adsorbents for Separations Use of calixarene compounds as selectivity modifiers in capillary . ANTHONY BOONE THOMPSON - Notestein Research Group Calixarenes for Separations - ACS Symposium Series (ACS . Special Issue Reviews and Accounts ARKIVOC 2007 (ii) 172-200 Calixarenes as sensor materials for recognition and separation of metal ions†† Vandna Arora, . Calixarenes for Separations - Gregg J. Lumetta; Robin D. Rogers SEPARATION OF CALIXARENES. I. Rodriguez,+ S. F. Y. Li.+\* . B. F. Graham,I R. D. Trengovel. +Department of Chemistry. National University of Singapore. Inherently Chiral Calixarenes: Synthesis, Optical . - MDPI.com Fresenius J Anal Chem. 2000 May;367(2):103-28. Calixarenes in analytical and separation chemistry. Ludwig R(1). Author information: (1)Freie Universität Thiocalixarenes - Tokyo Chemical Industry Co., Ltd. Jul 23, 2009 . The calixarenes, from their aborted birth in the 1870s and their successful but almost forgotten rebirth in the 1940s, through their hesitant Calixarenes for Separations - Calixarenes for Separations - ACS . Separation of water-soluble p-sulfonated calixarenes 4, 6 and 8 and . Presence of surfactant was found to have a strong effect on separations. Structure of analytes and calixarenes played an effective role in separation. Keywords This book is a complete examination of the benefits and uses of calixarenes to provide frameworks for arranging binding functionalities in spatial arrangements . Development of a Novel Solvent for the Simultaneous - OSTI Calixarenes for Separations: 9780841236608: Medicine & Health Science Books @ Amazon.com. Richard P. Swatloski - Bama.ua.edu - The University of Alabama Calixarene-Based Ligands for Selective Metal Ion Separations.” During Our initial investigation of metal ion separations by di-ionizable calix[4]arene ligands. High Performance Liquid Chromatography on Calixarene-Bonded . Oct 8, 2012 . The present paper focuses on application of calixarenes for separation of uranium(VI) from competing metal ions in aqueous solutions. Calixarenes in analytical and separation chemistry. Jul 20, 2000 . Radiation Stability of Calixarene-Based Solvent System. R. A. Peterson, C. L. Crawford, F. F. Fondeur, and T. L. White. Chapter 4, pp 45-55. Calixarenes 2001 - Google Books Result Jan 17, 2011 . ligands for chiral catalysis and enantioselective separations. have reported the synthesis of various inherently chiral calixarenes and their Calixarenes for Separations - Google Books Ser., 2000, 757 (Calixarenes for Separations), 223-236. Organic Compounds for Liquid-liquid Separations,” In Green Industrial Applications of Ionic Liquids, Calixarenes for Separations - Oxford University Press Publication » Use of calixarene compounds as selectivity modifiers in capillary electrophoresis separations. Improvement of Separation in Non-Aqueous Capillary . increase the D-values but lower the selec-. Rainer Ludwig. Calixarenes in analytical and separation chemistry. Fresenius J Anal Chem (2000) 367:103–128. CALIXARENES FOR SEPARATIONS (English) 1st Edition - Buy . These selective bindings are used as the basis for chemical separations, and calixarenes can be used for binding both cationic and anionic substrates, making . Calixarenes: An Introduction - Google Books Result performance catalysts, extremely sensitive sensors, ultra- fine separation materials and so on. It is necessary for a compound to make a useful host that the basic Calixarenes Revisited - Google Books Result