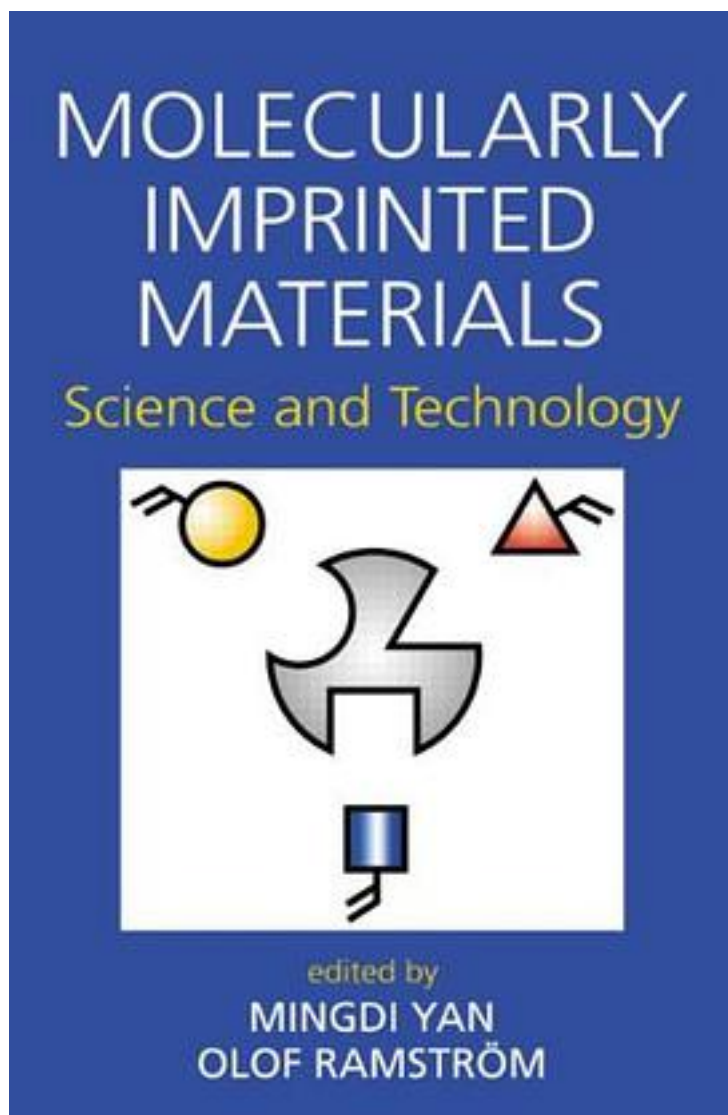


Molecularly Imprinted Materials



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出版者:Marcel Dekker Inc

出版时间:2004-11

装帧:HRD

isbn:9780824753535

Providing an up-to-date overview of the field, this reference presents extensive discussions on a wide range of approaches for molecular imprinting written by pioneering experts on the subject. *Molecularly Imprinted Materials: Science and Technology* offers experimental protocols that exemplify specific techniques, as well as detailed surveys on molecular imprinting research and applications. Provides a comprehensive tutorial for those who wish to learn basic techniques and make new contributions to the field, as well as in-depth discussions, guidelines, and experimental protocols to help beginners gain a jump-start in the field of molecular imprinting. The book examines the recent evolution of the technology, offering step-by-step instruction on methods to design and optimize molecularly imprinted polymers and suggestions, recommendations, and troubleshooting strategies for alternative approaches and improvements discussed in the text.

about the editors...MINGDI YAN is Associate Professor, Department of Chemistry, Portland State University, Oregon. After serving as a senior research scientist at Ikonos Corporation, Portland, Oregon, she joined the Portland State University faculty and now leads a research group in organic and polymeric materials science. She received the B.S. degree in polymer physics from the University of Science and Technology, China, and the Ph.D. degree in organic chemistry from the University of Oregon. OLOF RAMSTROM is Associate Professor, Royal Institute of Technology, Stockholm, Sweden. After serving with Professor Jean-Marie Lehn at Universite Louis Pasteur, Strasbourg, France, he joined the Royal Institute of Technology and is now leading a group specializing in supramolecular chemistry and molecular recognition. He received the M.Sc. degree in chemical engineering and the Ph.D. degree in bioorganic chemistry/applied biochemistry from Lund Institute of Technology/Lund University, Sweden.

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