

1. Record Nr.	UNINA9910806294403321
Titolo	Advanced membrane technology and applications / / edited by Norman N. Li ... [et al.]
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2008
ISBN	1-118-21154-5 1-282-00353-4 9786612003530 0-470-27628-2 1-61583-265-3 0-470-27627-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (1018 p.)
Altri autori (Persone)	LiNorman N
Disciplina	660/.28424
Soggetti	Membranes (Technology) Six sigma (Quality control standard) Membrane industry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	ADVANCED MEMBRANE TECHNOLOGY AND APPLICATIONS; CONTENTS; PREFACE; ABOUT THE EDITORS; CONTRIBUTORS; PART I MEMBRANES AND APPLICATIONS IN WATER AND WASTEWATER; PART II MEMBRANES FOR BIOTECHNOLOGY AND CHEMICAL/BIOMEDICAL APPLICATIONS; PART III GAS SEPARATIONS; PART IV MEMBRANE CONTACTORS AND REACTORS; PART V ENVIRONMENTAL AND ENERGY APPLICATIONS; PART VI MEMBRANE MATERIALS AND CHARACTERIZATION; Index
Sommario/riassunto	Advanced membranes-from fundamentals and membrane chemistry to manufacturing and applications A hands-on reference for practicing professionals, Advanced Membrane Technology and Applications covers the fundamental principles and theories of separation and purification by membranes, the important membrane processes and systems, and major industrial applications. It goes far beyond the basics to address the formulation and industrial manufacture of membranes and applications. This practical guide: Includes coverage of all the major types of membranes: ultrafiltration; microfil

