

1. Record Nr.	UNINA9910346664403321
Autore	Jiang Lan-Ying
Titolo	Novel Membrane Technologies for Traditional Industrial Processes / Lan-Ying Jiang, Neal Tai-Shung Chung, Pei Li, Yan Wang
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783038977919 3038977918
Descrizione fisica	1 electronic resource (196 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Through reading this book, you will obtain information on: (1) the main problems in air separation and natural gas treatment by membrane separation and how to solve them; (2) processes involving membranes and new membrane materials for the more economical utilization of bio-resources; (3) energy selection and membrane development for more expedient and stable harnessing of the natural osmosis phenomenon; (4) many excellent contributions about catalytic membrane bioreactors; (5) how to fine-tune the arrangement of aquaporins (i.e., proteins identified in biological cells) to achieve superior water treatment efficiency.

2. Record Nr.	UNINA9910557467903321
Autore	Tringali Corrado
Titolo	From Natural Polyphenols to Synthetic Bioactive Analogues
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (98 p.)
Soggetti	Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This Special Issue is focused on natural polyphenols and their synthetic bioactive analogues. It is composed of one review on aza- and azo-stilbenes as bioisosteric analogs of the stilbenoid resveratrol and four original articles, including studies on synthetic (bisphenol neolignans inspired by honokiol, multicomponent synthesis of polyphenols), and natural polyphenols (polyphenols from <i>Tamarix ramosissima</i> and <i>Melanoleuca styphelioides</i>) as antiproliferative, anti-Alzheimer's, antioxidant, antimicrobial, or anti-inflammatory agents.