1. Record Nr. UNICAMPANIASUN0022807

Autore	Barberis, Mauro
Titolo	Benjamin Constant : rivoluzione, costituzione, progresso / Mauro Barberis. Bologna : Il mulino, 1988
Pubbl/distr/stampa	, 333 p. ; 21 cm.
ISBN	88-15-01434-9
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Soggetti	Constant, Benjamin - Pensiero politico - Saggi
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910299621503321

Titolo	Porous Materials for Carbon Dioxide Capture / / edited by An-Hui Lu, Sheng Dai
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
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Descrizione fisica	1 online resource (253 p.)
Collana	Green Chemistry and Sustainable Technology, , 2196-6982
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Soggetti	Renewable energy resources Nanotechnology Catalysis Polymers Climate Renewable and Green Energy Polymer Sciences Climate, general
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Formato	Materiale a stampa
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Note generali	Description based upon print version of record.

Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Ionic Liquid-Derived Carbonaceous Adsorbents for CO2 Capture -- Porous Carbons for Carbon Dioxide Capture -- Metal-Organic Frameworks (MOFs) for CO2 Capture -- Carbon Dioxide Capture in Porous Aromatic Frameworks -- Microporous Organic Polymers for Carbon Dioxide Capture -- CO2 capture via cyclic calcination and carbonation reactions -- Functionalized inorganic membranes for high temperature CO2/N2 separation.
Sommario/riassunto	This multi-authored book provides a comprehensive overview of the latest developments in porous CO2 capture materials, including ionic liquid–derived carbonaceous adsorbents, porous carbons, metal-organic frameworks, porous aromatic frameworks, microporous organic polymers. It also reviews the sorption techniques such as cyclic uptake and desorption reactions and membrane separations. In each category, the design and fabrication, the comprehensive characterization, the evaluation of CO2 sorption/separation, and the sorption/degradation mechanism are highlighted. In addition, the advantages and remaining challenges as well as future perspectives for each porous material are covered. This book is aimed at scientists and graduate students in such fields as separation, carbon, polymer, chemistry, material science and technology, who will use and appreciate this information source in their research. Other specialists may consult specific chapters to find the latest, authoritative reviews. Dr. An-Hui Lu is a Professor at the State Key Laboratory of Fine Chemicals, School of Chemical Engineering, Faculty of Chemical, Environmental and Biological Science and Technology, Dalian University of Technology, China. Dr. Sheng Dai is a Corporate Fellow and Group Leader in the Chemical Sciences Division at Oak Ridge National Laboratory (ORNL) and a Professor of Chemistry at the University of Tennessee, USA.