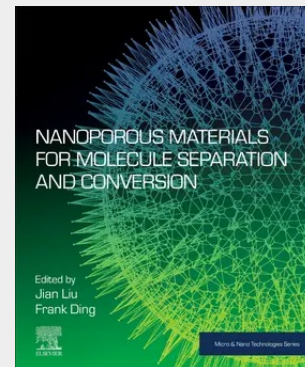


Nanoporous Materials for Molecule Separation and Conversion

Nanoporous Materials for Molecule Separation and Conversion cover the topic with sections on nanoporous material synthesis and characterization, nanoporous materials for molecule separation, and nanoporous materials for energy storage and renewable energy. Typical nanoporous materials including carbon, zeolite, silica and metal-organic frameworks and their applications in molecule separation and energy related applications are covered. In addition, the fundamentals of molecule adsorption and molecule transport in nanoporous materials are also included, providing readers with a stronger understanding of the principles and topics covered. This is an important reference for anyone exploring nanoporous materials, including researchers and postgraduate students in materials science and chemical engineering. In addition, it is ideal for industry professionals working on a wide range of applications for nanoporous materials.



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