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Autore	Yang R. T
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Sommario/riassunto

Adsorption promises to play an integral role in several future energy and environmental technologies, including hydrogen storage, CO removal for fuel cell technology, desulfurization of transportation fuels, and technologies for meeting higher standards on air and water pollutants. Ralph Yang's Adsorbents provides a single and comprehensive source of knowledge for all commercial and new sorbent materials, presenting the fundamental principles for their syntheses, their adsorption properties, and their present and potential applications for separation and purification. Chapter topics in this au