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BIOLOGICAL APPLICATIONS; Author Index; Subject Index

Sommario/riassunto

Porous materials are of scientific and technological importance because of the presence of voids of controllable dimensions at the atomic, molecular, and nanometer scales, enabling them to discriminate and interact with molecules and clusters. Interestingly the big deal about this class of materials is about the "nothingness" within the pore space. International Union of Pure and Applied Chemistry (IUPAC) classifies porous materials into three categories micropores of less than 2 nm in diameter, mesopores between 2 and 50 nm, and macropores of greater than 50 nm. In this book, nanoporous m
