

Sol-Gel Science and Technology: Topics in Fundamental Research and Applications



Sol-Gel Science and Technology covers optical, electronic and magnetic, chemical, mechanical, biomedical and biotechnological materials. Concerning the microstructures, the sol-gel method applies to porous materials, dense materials like glasses and ceramics, organic-inorganic hybrids and nanocomposites. The four volumes of this reference treat four areas that are timely, important and seeing great research activity: -Sol-gel prepared ferroelectrics and related materials. -Sol-gel processing of titanium oxides: photocatalyst and other applications. -Sol-gel prepared organic-inorganic hybrids and nanocomposites. -Sol-gel processing of porous materials: application to catalysts, enzymes, chemical analysis, sensors, and membranes. The goal of these four volumes is to disseminate the recent research results published in recent issues of Journal of Sol-Gel Science and Technology, which is a unique journal devoted to Sol-Gel.

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state physics, chemical engineering, materials science and Buy Sol-Gel Science and Technology: Topics in Fundamental Research and Applications (4 Volume Set): Sol-gel Prepared Ferroelectrics and Related Materials