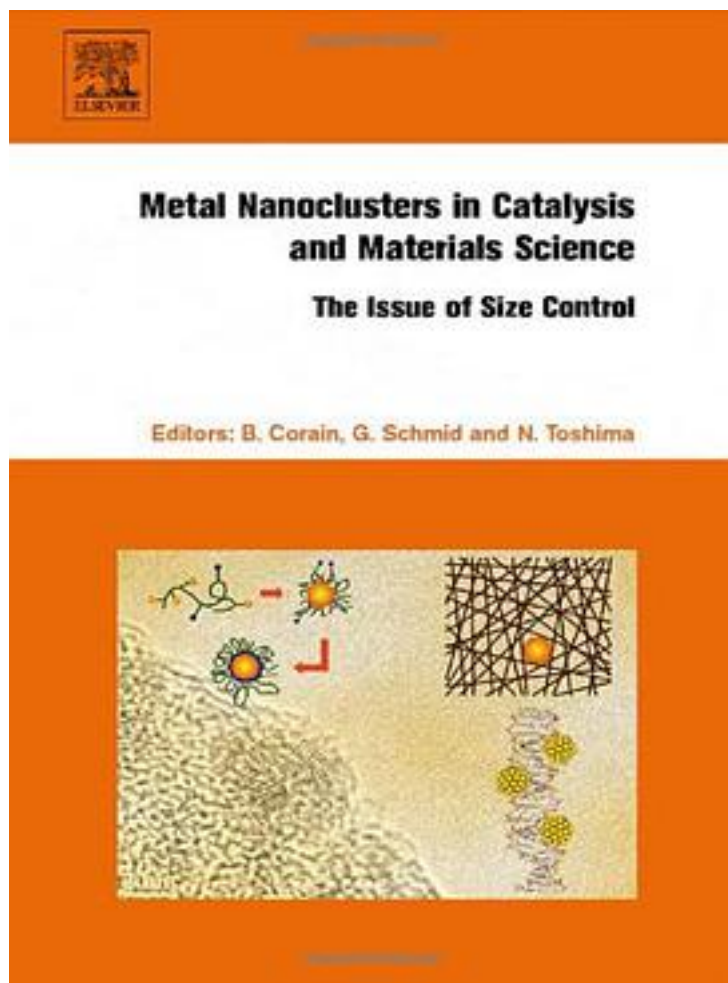


Metal Nanoclusters in Catalysis and Materials Science



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"Metal Nanoclusters in Catalysis and Materials Science: The Issue of Size Control" deals with the synthesis of metal nanoclusters along all known methodologies. Physical and chemical properties of metal nanoclusters relevant to their applications in chemical processing and materials science are covered thoroughly. Special attention is given to the role of metal nanoclusters size and shape in catalytic processes and catalytic applications relevant to industrial chemical processing. An excellent text for expanding the knowledge on the chemistry and physics of metal nanoclusters. Divided in two parts; Part I deals with general aspects of the matter and Part II has to be considered a useful handbook dealing with the production of metal nanoclusters, especially from their size-control point of view. the book features separation of synthetic aspects, physical properties and applications and provides specific attention to the task of metal nanoclusters size-control.

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