



Tailored Organic-Inorganic Materials: Techniques to Tailor New Enabling Organic-Inorganic Materials (Hardback)

By -

John Wiley Sons Inc, United States, 2015. Hardback. Book Condition: New. 236 x 163 mm. Language: English . Brand New Book. This book explores the limitless ability to design new materials by layering clay materials within organic compounds. Assembly, properties, characterization, and current and potential applications are offered to inspire the development of novel materials. Coincides with the government's Materials Genome Initiative, to inspire the development of green, sustainable, robust materials that lead to efficient use of limited resources. Contains a thorough introductory and chemical foundation before delving into techniques, characterization, and properties of these materials. Applications in biocatalysis, drug delivery, and energy storage and recovery are discussed. Presents a case for an often overlooked hybrid material: organic-clay materials.



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