



## Recent Advances in Mesoporous Materials: Structure, Composition, Properties and Applications

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### Message from the Guest Editor

Dear Colleagues,

Mesoporous materials (with pore size between 2 and 50 nm), due to their ability to absorb guest species and interact with them on their outer and inner surfaces and in the pore spaces, play an important role in established processes such as catalysis and molecular separation, as well as in emerging technologies for energy and health. Since the first report of mesoporous silica about 30 years ago, the variety of mesoporous materials has dramatically expanded, covering a very wide range of compositions with different structure, morphology and functionality, involving silicas, zeolites, carbons, metal-organic frameworks, and metal oxides.

This Special Issue welcomes the latest developments and applications of mesoporous materials, paying special attention to the relationship between their structure, composition, properties and applications.





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