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Supported Metal and Metal Oxide Catalysts by Sol-Gel Chemistry: Synthesis and Applications

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Sol-gel method has been recognized as valuable procedure to design advanced catalytic formulations, based on metal and metal oxide nanostructure. Sol-gel chemistry originated with the hydrolysis and condensation of metal alkoxides, although it can also occur between hydrated metal species. By trapping the “randomness of the solution state” and thereby ensuring atomic level mixing of reagents, the sol-gel method is a unique technique for materials synthesis. Low-temperature chemistry [...] For details, please visit [special issue website](#)

The upcoming Special Issue, entitled “Supported Metal and Metal Oxide Catalysts by Sol-Gel Chemistry: Synthesis and Applications” aims to cover an overview of the sol-gel synthesis of tailored and multifunctional materials and their application in the main domain of heterogeneous catalysis. Both theoretical and experimental research, review articles, and novel results are welcome.

Dr. Serena Esposito

http://www.mdpi.com/journal/materials/special_issues/metal_catalysts



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Message from the Editor-in-Chief

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