



materials



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Advanced Functionalized Mesoporous Hybrid Materials for Photothermal, Photocatalytic, and Photo-Electrochemical Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The engineering of smart materials has been a hot topic for decades, with the aim to solve different environmental and energy issues or to bring some new unique characteristics to existing applications. The scientific research in catalysis field proves that characteristics of as-prepared materials is the dominant factor behind the efficiency of catalytic processes, as well as their sustainability and cost.

This Special Issue addresses all advances in functionalized mesoporous hybrid materials which bring synergistic effects in terms of catalysis in different fields. Several mesoporous based materials can be functionalized, such as metal–organic frameworks (MOFs), activated carbon, valorized lignocellulosic biomass and agriculture wastes, silica, and porous organic polymers.

I kindly invite you to submit your contribution to this Special Issue with the related topics.

Dr. Ridha Djellabi
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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