

## Special Issue

# Functional Porous Materials for Gas Storage and Separations in Emerging Energy Technologies

### Message from the Guest Editor

Hydrogen (H<sub>2</sub>) and methane (CH<sub>4</sub>) are emerging clean fuel alternatives to petroleum derivatives and coal. Meeting the US Department of Energy goals for efficiently storing and transporting these gases is of utmost importance for commercialization of these technologies in different sectors, i.e., energy, transportation, etc. The production of each is further tied to harmful byproduct emissions. Different types of porous materials have been extensively investigated for gas storage, and for H<sub>2</sub> and CH<sub>4</sub> enrichment, and have been instrumental in the successful implementation of the H<sub>2</sub>- and CH<sub>4</sub>- based economy. For more information, please click the following link:  
[https://www.mdpi.com/journal/materials/special\\_issues/porous\\_materials\\_gas\\_storage\\_separations](https://www.mdpi.com/journal/materials/special_issues/porous_materials_gas_storage_separations)

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2021)



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### Message from the Editor-in-Chief

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