



Advances in Porous Materials for (Bio-)Chemical Sensors

Guest Editors:

Dr. Sumit Sachdeva

Stamicarbon BV, Sittard 6135,
Netherlands

Prof. Dr. Chung-Wei Kung

Department of Chemical
Engineering, National Cheng
Kung University (NCKU), Tainan
70101, Taiwan

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Message from the Guest Editors

With recent developments in material science, materials like Metal organic frameworks (MOFs), Covalent Organic Frameworks (COFs) have emerged as potential candidates for selective (bio-)chemical detection. Also, there have been significant developments in possible integration within semiconductor industry to enter in the field of portable devices.

This special issue aims to provide a platform to demonstrate the latest research and advancement in the field of (Bio-)chemical sensors from the perspective of porous materials. Both review articles and original research articles are invited with a focus on following fields:

- Synthesis of porous materials as thin films/coatings
- Integration of porous materials with semiconductor devices
- Application of MOFs and COFs for Chemical and Biochemical Sensors
- Porous materials-based sensors within sensor networks
- Latest advancements in MOF/COF-based sensor miniaturization
- Sensor prototype developments





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Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

Institute of Analytical Sciences,
UMR CNRS 5280, Department
LSA, 5 Rue de La Doua, 69100
Villeurbanne, France

Message from the Editor-in-Chief

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Chemosensors Editorial Office
MDPI, Grosspeteranlage 5
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