Special Issue

Metal-Organic Frameworks Based Advanced Sensors for Pollutant Detection

Message from the Guest Editors

The utility of metal–organic frameworks (MOFs) for sensing applications is well known, providing exceptional electrochemical and optical properties. These coordination polymers can be used in pristine and hybrid forms with other advanced materials. MOF-based sensing systems can generate sensitive, rapid, and facile signals for the selective determination of diverse analytes. Moreover, they exhibit significant potential for biosensing through facile bioconjugation on their surface. This Special Issue will include original works on MOF-based advanced sensors for pollutant detection. The main objective is to collect recent studies in the field of MOF-based sensors, including pristine and hybrid structures. We will focus on research and review articles discussing the development of MOF-based materials and their sensing/biosensing applications. This Special Issue will present novel, high-quality, and original research articles, review articles, short communications, and letters focused on **Metal–Organic Framework-based Advanced Sensors for Pollutant Detection.**

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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