

## Special Issue

# Application of Thin Film Materials in Sensors

### Message from the Guest Editor

Whilst a thin film has no formal definition, it is commonly taken to mean a material that has a thickness ranging from atomic layers to several microns. The use of 'bottom-up' fabrication techniques that include both chemical and physical methods have allowed exploration of a wide range of materials and device architectures over the last two decades. These methods can also be used to make thin film devices efficiently and reproducibly at relatively low cost. Thin films are more sensitive to local changes than equivalent materials with larger dimensions. Thin film sensor devices where sensor element is achieved using a thin film. To highlight the important advancements being made in sensor function and performance by use of thin film technologies, MDPI *Sensors* is publishing a Special Issue on "Application of Thin Film Materials in Sensors". We are seeking contributions in this area, where the use of a thin film is integral to the device function, with envisaged sensing areas including (but not limited to) gas detection, strain, heat flux and corrosion.

### Guest Editor

Prof. Dr. Chris Blackman

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### Deadline for manuscript submissions

closed (30 November 2021)



## Sensors

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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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### Editor-in-Chief

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