

eBook Information

Toxic Gas Sensors and Biosensors

Eds. Inamuddin, Tauseef Ahmad Rangreez, Mohd Imran Ahamed and Rajender Boddula

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The book focuses on novel sensor materials and their environmental and healthcare applications, such as NO₂ detection, toxic gas and biosensing, hydrazine determination, glucose sensing and the detection of toxins and pollutants on surfaces.

Keyword: Toxic Gas Sensors, Biosensors, Nitrogen Dioxide Detection, Hydrazine Determination, Glucose Sensing, Catalytic Nanomaterials, Metal Oxides, Perovskites, Zeolites, Spinels, Graphene-based Gas Sensors, CNT/Ni Nanocomposites, Mxenes, Black Phosphorus, Transition Metal Dichalcogenides, P3OT Thin Films

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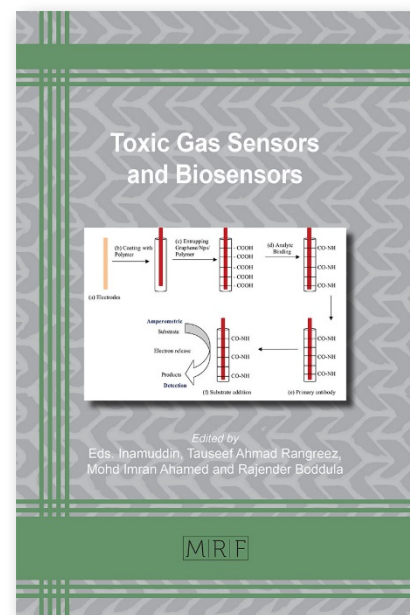
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Summary:

The book focuses on novel sensor materials and their environmental and healthcare applications, such as NO₂ detection, toxic gas and biosensing, hydrazine determination, glucose sensing and the detection of toxins and pollutants on surfaces. Materials covered include catalytic nanomaterials, metal oxides, perovskites, zeolites, spinels, graphene-based gas sensors, CNT/Ni nanocomposites, glucose biosensors, single and multi-layered stacked MXenes, black phosphorus, transition metal dichalcogenides and P3OT thin films.



Print Book Information

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