

# Graphene-Based Electrochemical Sensors for Toxic Chemicals

Eds. Alagarsamy Pandikumar, Perumal Rameshkumar

Monograph / PDF eBook DRM Free

The book presents recent progress on relevant topics: Toxicity of chemicals, importance of electrochemical sensors, different types of graphene-based nanomaterials, Neurotoxins and electroanalytical detection of toxic chemicals.

**Keyword:** Graphene-based Nanocomposites, Electrochemical Sensors, Toxic Chemicals, Sensors for Toxic Molecules, Graphene-Metal Oxides, Graphene-Metal Chalcogenides, Graphene-Polymer Nanocomposites, Graphene-Carbon Nanotubes, Graphene-Carbon Nitrides, Graphene-MOF Composites, Heavy Metals, Phenolic Compounds, Pesticides, Chemical Warfare Agents

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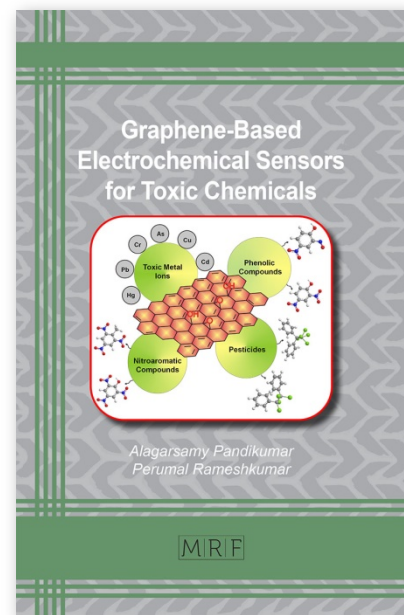
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Summary:

Graphene-based nanocomposites are very useful in detecting toxic chemicals such as heavy metals, inorganic anions, phenolic compounds, pesticides, and chemical warfare agents. The book presents recent progress on relevant topics: Toxicity of chemicals, importance of electrochemical sensors, different types of graphene-based nanomaterials, Neurotoxins and electroanalytical detection of toxic chemicals.



## Full Color Print Book Information

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