

SPECIAL ISSUE ON SMART SENSING TECHNOLOGY AND MATERIALS FOR SMART INDUSTRY AND ENVIRONMENTAL APPLICATIONS

PREFACE



From the current technological perspectives, smart industry and environmental applications require advanced smart sensing technology and materials. Smart industry embraces real-time collaborative manufacturing systems to satisfy customer needs as well as to meet conditions and changes in smart factories in term of connectivity, automation, and data. Retrospectively, the advent of advanced industry could produce potential hazards, various types of pollution, and benign environment. To manage both industry and environment, better sensors and materials, better decision-making, better techniques with up-to-date information must be considered and addressed. Hence, this special issue is focused on smart sensing technology and materials for smart industry and environmental applications.

The papers are selected on the basis of major categories announced in the call for papers, namely, indoor sensors and electronic materials, robotic environment, and industrial and sanitation applications. The applications presented are wide, ranging from electronic circuits, wearable sensors, food materials, artificial intelligence, industrial robots, high voltage, to water resources.

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