

SPECIAL ISSUE ON ADVANCED SENSOR MATERIALS AND PROCESSES

PREFACE



Sensors are integral to numerous applications in our daily lives, including in areas such as aerospace, intelligent manufacturing, and the Internet of Things (IoT). This special issue seeks to highlight the latest advancements and challenges in these domains. The scope of this issue encompasses a broad range of topics, from the design and materials of sensors to their applications in various sectors, including biomedicine and intelligent systems. We are particularly excited to feature research that delves into the use of advanced materials such as carbon, metals, ceramics, polymers, and related composites. Additionally, papers exploring the integration of biomolecular materials, microorganisms, and various organic and inorganic materials in sensor technology are also included. The articles presented in this issue have undergone a rigorous peer-review process to ensure they meet the highest standards of academic excellence and relevance. Each contribution has been carefully selected to provide a comprehensive overview of current trends and future directions in sensor technology.

We extend our deepest gratitude to all the authors for their valuable contributions and to the reviewers for their meticulous evaluations. Their collective efforts have significantly enhanced the quality of this special issue. We hope that this special issue will serve as an invaluable resource for researchers, engineers, and practitioners in the field of sensors and materials.

Thank you for your interest in this special issue. We are confident that it will make a significant contribution to the ongoing discourse in the field of sensor technology.

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