



Introducing Smart Materials and Devices

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Received: March 07, 2025 **Accepted:** March 10, 2025 **Published:** March 10, 2025

Cite this article: Yuan ZY, Banks CE, Li W. Introducing Smart Materials and Devices. Smart Mater Devices. 2025;1:202511. <https://doi.org/10.70401/smd.2025.0007>

We are thrilled to introduce *Smart Materials and Devices (SMD)*, an international, peer-reviewed, open-access journal dedicated to advancing intelligent materials and next-generation smart devices. Our mission is to drive innovation at the intersection of materials science, artificial intelligence (AI), and device engineering, fostering groundbreaking research with real-world impact.

Smart materials are transforming industries, from healthcare to aerospace, by adapting to environmental stimuli. Emerging multifunctional composites, bioinspired materials, and self-regulating systems offer unprecedented efficiency and intelligence, tackling critical global challenges such as sustainability and energy efficiency^[1-3]. At the same time, AI-driven design is accelerating the discovery and optimization of smart materials, enabling more adaptive and autonomous technologies^[4,5].

SMD provides a platform for cutting-edge research spanning from stimuli-responsive materials to AI-enhanced intelligent systems. We welcome contributions on novel material design, AI-driven discovery and manufacturing, and next-generation devices with self-regulating capabilities. By fostering interdisciplinary collaboration, *SMD* aims to bridge the gap between scientific breakthroughs and real-world applications.

We invite researchers worldwide to share their innovations and insights to shape the future of smart materials and their applications in energy, healthcare, and emerging technologies. We look forward to the transformative discoveries that will define the future of intelligent materials and devices.

Declarations

Acknowledgements

Language editing and polishing were supported by AI. The authors take full responsibility for the integrity, accuracy, and originality of the manuscript.

Authors contribution

Yuan ZY: Wrote the editorial.

Banks CE, Li W: Revised and finalized the editorial.

All authors approved the final version of the editorial.

Conflicts of interest

Zhong-Yong Yuan serves as an Editor-in-Chief, and Weihua Li serves as an Associate Editor of *Smart Materials and Devices*. Craig E. Banks declares no competing interests.

Ethical approval

Not applicable.

Consent to participate

Not applicable.



Consent for publication

Not applicable.

Availability of data and materials

Not applicable.

Funding

None.

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