



Inorganics

---

an Open Access Journal by MDPI

---

CiteScore: 4.1

Impact Factor: 3.0

Special Issue Reprint

## Recent Research and Application of Amorphous Materials

**Edited by: Pengwei Li and Yanfei Zhang**

Amorphous materials lack long-range atomic order, which distinguishes them fundamentally from crystalline materials and gives rise to unique physical, chemical, and functional properties. These features include high strength, good corrosion resistance, tunable electronic and optical behavior, and favorable biocompatibility, enabling broad technological applications. Recent advances in synthesis methods, characterization techniques, computational modeling, and nanoscale engineering have greatly accelerated research on amorphous materials. New experimental, theoretical, and data-driven approaches have improved understanding of structure–property relationships and enabled the rational design of amorphous systems.

This Reprint highlights recent progress in inorganic amorphous materials, covering metallic glasses, amorphous thin films, glassy materials, and amorphous composites. It focuses on their applications in energy, optoelectronics, environmental technologies, and biomedicine, and reflects the interdisciplinary nature of current research.

<https://www.mdpi.com/books/reprint/12326>

