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Polymeric Materials in 3D Printing

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Message from the Guest Editor

The field of additive manufacturing (AM), also known as 3D printing, has evolved significantly over time, reshaping material paradigms. The global prominence of AM highlights the significance of this Special Issue, uniting cross-disciplinary fields to navigate current needs and empower innovation. This Issue features state-of-the-art reviews and pioneering research on innovative AM materials, including composites, polymers, conductive, magnetic, and smart materials, as well as materials for biomedical applications. Contributions concerning new AM technologies and optimization, material design for AM, and characterization of AM parts are welcome. In this Special Issue, materials engineered for next-generation AM applications are explored, including, but not limited to, the following topics:

- Novel materials tailored for AM.
- Advancements in AM processes.
- New applications of AM.
- Specialized characterization techniques.
- Establishment of quality control protocols.













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Message from the Editor-in-Chief

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