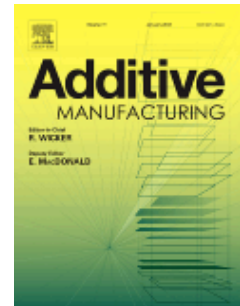




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ISSN: 2214-8604

DESCRIPTION

Additive Manufacturing is the peer-reviewed journal that provides academia and world-leading industry with high quality research papers and reviews in additive manufacturing. The journal aims to acknowledge the innovative nature of **additive manufacturing** and its broad applications to outline the current and future developments in the field.

Additive manufacturing technologies are positioned to provide a disruptive transformation in how products are designed and manufactured. From this, there was a need to create a **fast-publication journal** which provides a **unique publication outlet** for **engineers, materials scientists** and **practitioners** in **academia** and **virtually any industry** as these technologies are incorporated in new product and medical implant design and manufacturing.

The journal covers a wide scope, comprising **new technologies, processes, methods, materials, systems,** and **applications** in the field of additive manufacturing. Topics of particular interest include, but are not limited to:

Design and Modeling

- Multiple material components and devices Heterogeneous Design
- Heterogeneous Design
- Modeling from concept to manufacture to implementation to disposal - the entire product life cycle

Additive manufacturing processes and process enhancements

- Advancements in additive manufacturing processes
- Multi-technology (hybrid) systems
- Enhanced closed-loop control of additive manufacturing systems

Multiple and novel materials

- Characterization and performance - mechanical, electrical, chemical, biological, opticals
- New material formulations and composite materials
- Processing of materials in additive manufacturing and for use in additive manufacturing

Special applications with multi-functionality

- Medical additive manufacturing and bio-printing
- Optimized configurations such as topology optimization
- Additive manufacturing for space and in-space additive manufacturing
- Improved energy utilization in and using additive manufacturing

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