

Special Issue

Advanced Bio-Inspired Design and Additive Manufacturing

Message from the Guest Editor

This Special Issue supports novel and creative research on the techniques, approaches, and theories for bio-inspired designs and their manufacturing processes, in particular additive manufacturing, for engineering and healthcare applications. Submissions of manuscripts on original research and literature reviews in the following areas as specified by the keywords are encouraged.

- Biomimicry and bio-inspired design;
- Engineering design;
- Cellular and hierarchical structures;
- Topology optimization and generative design;
- Machine learning and AI-driven design;
- Bioinspired robotics and machines;
- Additive manufacturing;
- Design for additive manufacturing;
- Biomanufacturing;
- New manufacturing processes/tools/systems development.

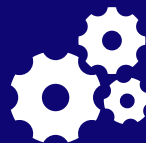
Guest Editor

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Deadline for manuscript submissions

closed (31 October 2023)



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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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