

Special Issue

Bio-Inspired Systems and Approaches

Message from the Guest Editor

Biomimetics has been a hot research topic and a focused technical trend in recent years, with many significant theories and methods developed from intelligent computing to robotics, and finally reaching engineering applications. In this Special Issue, we focus on biomimetic methods in vibration control and related R&D topics, including, but not limited to:

- Bio-inspired mechanisms;
- Bio-inspired structures;
- Bio-inspired passive vibration isolation;
- Bio-inspired active vibration control;
- Bio-inspired nonlinear dynamics;
- Vibration metamaterials;
- Acoustic metamaterials;
- Energy harvesting systems;
- Vibration sensors;
- Locomotion mechanism of robots.

Guest Editor

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Deadline for manuscript submissions

closed (15 January 2024)



Biomimetics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.2
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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(Biomedical Engineering)

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