



Special Issue on Biomechanics

Call for Papers

Biomechanics is the study of the structure and function of biological systems such as humans, animals, plants, organs, and cells by means of the methods of mechanics. Biomechanics is closely related to engineering, because it often uses traditional engineering sciences to analysis biological systems. Some simple applications of Newtonian mechanics and/or materials sciences can supply correct approximations to the mechanics of many biological systems. Applied mechanics, most notably mechanical engineering disciplines such as continuum mechanics, mechanism analysis, structural analysis, kinematics and dynamics play prominent roles in the study of biomechanics. As one of the most important research fields of human life, **biomechanics** is of great attractions to researchers.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **biomechanics**. Potential topics include, but are not limited to:

- Biomechanics
- Biological systems analysis
- Medicine mechanical engineering
- Mechanics numerical methods
- Mechanics structural analysis
- Cardiovascular dynamics
- Biotribology

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal at [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Biomechanics**” should be chosen during your submission.

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