

Special Issue

Tribology in Artificial Joints

Message from the Guest Editors

Biotribological properties associated with wear, friction, and lubrication are important to the implementation of many medical devices, such as orthopedic implants, artificial joints, etc. Understanding the biotribological properties well contributes to the innovation of medical devices and the improvement in human life quality. This Special Issue aims to present the current applications and future directions in biotribological challenges in artificial joints, with particular attention on the biotribological design and modeling in joint implant and in vitro biotribological testing methodology development of mathematical and numerical modeling necessary for in silico tribological investigations. Contributions are welcome from both academic researchers and their industrial peers, dealing with the latest developments on this topic. We are pleased to invite you to submit a paper to be published in this Special Issue. Original research articles and reviews are welcome on research areas that may include (but are not limited to) the following: biotribology in the hip, knee, shoulder, ankle, elbow, spine implants, etc.

Guest Editors

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Editor-in-Chief

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