

Special Issue

Control Systems Approaches and Applications for Biomedical Systems

Message from the Guest Editor

Applications of control systems have dramatically increased in recent years due to advances in digital processing hardware, yielding faster sampling rates and increased control scheme complexity. In addition, the development of improved sensors and actuators makes practical control systems more feasible. This Special Issue seeks papers that deal with the modeling, control, and monitoring of biomedical systems. The scope of this Special Issue includes, but is not limited to, the modeling of physiological systems, the modeling of drug pharmacokinetics and pharmacodynamics, the use of advanced or novel sensors and actuators, control algorithms, and fault detection and isolation. This Special Issue is focused on new developments in the field of control system concepts and approaches in biomedical engineering.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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