Special Issue

Piezoelectric Actuators, Motors and Transducers: Design and Applications

Message from the Guest Editors

Piezoelectric materials, known for their ability to convert electrical energy into mechanical motion and vice versa, have revolutionized various fields of engineering and technology. Today, piezoelectric actuators, motors, and transducers are applied across diverse industries. From precise positioning in nanotechnology to ultrasonic imaging in medical diagnostics, the versatility and efficiency of piezoelectric devices have significantly impacted modern engineering solutions. This Special Issue aims to provide insights into the design considerations, operational mechanisms, and practical implementations of innovative piezoelectric devices.

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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.

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