Special Issue

Flexible Piezoelectric Materials

Message from the Guest Editor

Flexible piezoelectric materials are emerging as an empowering tool for various fields including sensing, actuation, and energy harvesting. These materials display physical coupling between electrical and mechanical domains, while offering the important benefit of flexibility. These propitious features are useful for new applications in science and engineering, such as wearable devices, artificial skin, artificial muscles, and soft robots. Exemplary material systems include polyvinylidene fluoride (PVDF), PVDF□copolymer, macro fiber composite (MFC) and other materials with piezoelectric properties. Our scope includes experimental, theoretical, and computational approaches to flexible piezoelectric materials for new applications.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2020)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/22750

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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.

Editor-in-Chief

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