Smart Materials on the Way to Nanorobots

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Message from the Guest Editor

The realization of tiny machines able to autonomously move through a fluid and perform diverse tasks is an important breakthrough in nanotechnology. Since the first works on self-propelled nanomotors reported in the early 2000s, a wide range of materials have been explored as a scaffold for the construction of these nanodevices.

This Special Issue aims to focus on the development of smart materials able to adapt to changes in the environment and/or respond to external stimuli. Such materials will enable the design of new nanomotors with advanced functionalities for applications, in the fields of environmental remediation, biomedicine, sensing, and energy.

Special Issue

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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.

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