



Recent Advances and Applications of Nano/Micromotors

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Message from the Guest Editors

Dear Colleagues,

The field of microscale motion and actuation has garnered significant attention from both scientists and consumers alike. This is due to the possibility of using miniaturized machines on the micro or nanoscale, opening up new avenues for previously unfeasible applications. Furthermore, through the integration of new smart materials, it is possible to grant these platforms on-board (bio)recognition and transduction mechanisms. It is also important for the micromotor community to study and gain a deep understanding of the principles of the propulsion mechanisms, as it will allow novel nano/micromotors that operate safely, efficiently, and with unprecedented precision, thereby expanding their applicability.

In addition, it is also important to develop new peripheral equipment that can aid in the remote positioning of the nano/micromotors, as well as generate physicochemical responses.

This issue will cover recent advances in the development of new nano/micromotor platforms as well as new applications that take advantage of the enhanced properties of such motors.





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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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