

Special Issue

Advances in Water Treatment Technologies—Molecular Perspectives and Principles

Message from the Guest Editor

With the great importance of addressing, and ultimately fulfilling, the UN Sustainable Development Goals this century, there is hardly a more important and essential-to-life one than the realisation of clean water, whether potable, for cleaning, or, importantly, crop cultivation, irrigation, and, indeed, land management. In this, the cleaning of polluted water for consent-to-discharge purposes is especially important, in terms of agricultural and industrial wastewater, for water-body eco-preservation. This Special Issue focusses on fresh and original molecular perspectives and principles towards new aspects of water treatment chemistry, such as, inter alia, gas hydrates, plasma processes, and biological channels for salt removal and ionic flux control. It will appeal to molecular scientists to provide new microscopic insights into the performance of advanced water treatment systems with important novel approaches based on sound, detailed molecular perspectives.

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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