

Special Issue

Enzyme Catalysis: Advances, Techniques, and Outlooks

Message from the Guest Editor

Enzyme catalysis can be applied in a variety of industrial fields, such as biorefinery, biochemicals, foods, pharmaceuticals, etc. As a greener and more selective process, enzyme catalysis is a powerful tool as an alternative to chemical catalysis for the sustainable production of desired compounds. The basic requirements for enzymes to be used as catalysts in industrial applications are high catalytic efficiency, high thermostability, and desired substrate scope. As represented by Frances Arnold's win of the Nobel prize in 2018, protein engineering technology is making scaled-up industrial applications of enzymes even more real. This Special Issue covers comprehensive topics and technologies on industrial enzymes and aims to contribute to the development of relevant fields. We warmly invite your submissions to this Special Issue on "Enzyme Catalysis: Advances, Techniques, and Outlooks" to explore recent advances and technologies in the field of enzyme catalysis.

Guest Editor

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About the Journal

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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