Special Issue

The Application of Enzymatic Bioremediation Technology

Message from the Guest Editor

Enzymes have revolutionized food and pharmaceutical biotechnology; several industrial sectors have been developed thanks to the discovery of highly active enzymes. Enzymes can be the main key player in the development of innovative environmental solutions; novel enzymes are continuously being identified, with a specific high degradation ability toward several recalcitrant compounds known to be highly persistent in the environment; however, the application of enzymatic technology for bioremediation is still representing challenges and needs further advanced investigation. We are interested in manuscripts that examine relation enzymes-bioremediation. Potential topics include, but are not limited to, the following:

- Poly-aromatic hydrocarbons and petroleum hydrocarbons degrading enzymes studies
- Biological bioremediation technologies and novel remediation methods, with a focus on the role of enzymes
- Prevention methods and management of contaminated sites
- Water preservation and the potential role of enzymes.

Detailed information can be found at:
https://www.mdpi.com/journal/applsci/special_issues/enzymatic_bioremediation

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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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