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Corrosion and Chemical Behavior of Biodegradable Materials

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

The Special Issue on "Corrosion and Chemical Behavior of Biodegradable Materials" is concerned with the assessment and improvement of the chemical resistance of biodegradable materials, including biodegradable metals, bio-based polymers, and lignocellulosic biomass.

The aim of this collection is to address recent and upcoming methods to assess the corrosion and chemical resistivity of biodegradable materials, regarding the prementioned fields.

Examples of relevant subjects include but are not limited to the following:

- Corrosion behavior of biodegradable metals (e.g., Mg, Zn, and Fe);
- Bioresorbability of biodegradable metals and polymers;
- Computer simulations of biodegradable materials corrosion behavior;
- Chemical resistance of biopolymers;
- Enzymatic hydrolysis of polymers;
- Sea water resistance of natural fibers;
- Corrosion of wood plastic composites.

For further reading, please visit the ***Special Issue website.***

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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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