

Special Issue

Recent Advancement in Technology-Driven Organic Synthesis

Message from the Guest Editor

Enabling technology consists of traditional or new techniques whose purpose is to speed up synthetic transformations and workup procedures for the isolation of products. In this framework, flow chemistry, 3D printing devices, and microwave techniques have been rapidly established as essential enabling technologies.

In the last few years, the combination of these enabling technologies has allowed procedures for the synthesis of target molecules to be sped up and simplified. Synthetic chemists have started to collaborate with chemical engineers to design and build new equipment and devices. These enabling technologies will continue to have a strong impact upon the chemical sciences going forward.

For this Special Issue, topics of interest include but are not limited to the following:

- Microwave-mediated reactions;
- Micro- and mesofluidic reactors;
- Photocatalysis;
- Deep eutectic solvents;
- Flow chemistry and catalysis;
- 3D printing technology;
- New heating systems;

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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