

Special Issue

Novel Catalysts for Environmental Green Chemistry Application

Message from the Guest Editors

Since the industrial revolution, due to the rapid development and integration of industrial technology, humans have rapidly consumed natural resources to produce daily necessities for people's lives, which has led to the deterioration of the earth's overall environment. As chemists and advocates of sustainability, we must take precautions before they happen, not let it happen and then try to make up for the damage that has already been done. The use of chemical methods to design products and auxiliary processes to reduce pollution and cater to the health of our environment is the torch we should carry forward. Catalysts have always been an important part of many chemical processes, whether manually introduced or naturally occurring. There are many kinds of such catalysts, including enzymatic, photocatalytic, chemical, and so on. Although each catalyst can work under its own conditions, by finding the best combination of different catalysts, more effective methods can be developed.

- Environmental catalysis
- Green chemistry principles
- Sustainable catalysis
- Enzyme Catalysis
- Wastewater treatment
- Toxicity reduction process
- Biocatalysis
- Photocatalysis

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