

Special Issue

Environmentally Friendly Applications of Nanocatalysts

Message from the Guest Editors

In modern society, environmental issues are an important issue to be solved and cannot be postponed any longer. In particular, the enormous energy used in the industrial field and the wastes discharged are being cited as the main causes of accelerating environmental problems. As research on the catalytic properties of nanomaterials continues to progress, expectations for the use of nanomaterials in the catalyst field have been rising considerably due to their high reaction efficiency and consequently reduced energy consumption.

Nanocatalysts can be a great solution when it is necessary to establish an environmentally friendly industrial system to overcome environmental problems. To this end, it is necessary to design nanocatalysts for eco-friendly reactions and eco-friendly synthetic methods of nanocatalysts. In addition, the discovery of various fields related to new applications of eco-friendly synthetic nanocatalysts is urgently required.

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