

## Special Issue

# Novel Nano-Heterojunctions with Enhanced Catalytic Activity

### Message from the Guest Editors

In the past few decades, nano heterojunction materials, including but not limited to type I heterojunction, type II heterojunction, S-scheme heterojunction, Z-scheme heterojunction, p-n heterojunction, Schottky heterojunction, etc., have attracted great interest in the fields of energy conversion and storage, environmental remediation and catalytic fields because of their striking properties. Although the application of various nano heterojunction materials in the catalytic field has been reported, there are still many challenges to be considered develop catalytic materials with high stability, high efficiency and selectivity. We are very pleased to invite you to submit your manuscript to the Special Issue “Novel Nano-heterojunctions with Enhanced Catalytic Activity” to share the basic and applied research of environmental catalysis related to innovative methods, characterization and mechanism research. The topics covered by this Special Issue include (but are not limited to):

- Advanced oxidation process;
- Biocatalysis;
- Nanotechnology;
- Carbon dioxide reduction;
- Photoelectric water decomposition for hydrogen production;
- Recycling/reuse catalysis.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2024)



## Catalysts

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