



Nanostructured Photo/Electrocatalysts for CO₂ Valorisation

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Message from the Guest Editors

The increasing concerns caused by the impressive negative effects of greenhouse gases over the planet's climate have pushed the scientific community to find new pathways to promote a progressive transition from a global energy scenario, based on fossil fuels, to one based on renewable energy sources. In this scenario, one of the most interesting and challenging strategies to mitigate the carbon dioxide effect is to consider CO₂ as valuable raw material to obtain added-value products (i.e., fuels and chemicals) through its photo/electrochemical reduction (CO₂RR), also exploiting renewable energy sources. The key challenge for this application is to develop highly selective, stable, efficient, environmentally-friendly, and inexpensive nanostructured photo/electrocatalysts. We invite scientists to submit original research articles, letters, as well as review articles on photo/electrocatalysis for CO₂ reduction and conversion into valuable products.





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Message from the Editor-in-Chief

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