

## Special Issue

# Towards Green, Enhanced Photocatalysts for Hydrogen Evolution

### Message from the Guest Editors

We invite the submission of original papers reporting on significant advances in the preparation and application of novel semiconductor materials for photocatalytic H<sub>2</sub> evolution from water. In particular, papers describing new routes for obtaining nanocomposites with improved photocatalytic activity under solar light and research papers focusing on the development and optimization of hydrogen-producing photocatalytic systems from (waste) biomass are particularly encouraged. Potential topics include but are not limited to the following:

- Synthesis and characterization of new nanocomposite materials for photocatalytic hydrogen production from water
- Investigation of non-noble metals and/or semiconductors as co-catalysts
- Valorization of (waste) biomass as a sacrificial agent
- Development of efficient photocatalytic systems for H<sub>2</sub> production under solar light
- Multivariate approaches for the optimization of H<sub>2</sub> evolution

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2020)



## Catalysts

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### Message from the Editor-in-Chief

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