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Photocatalysis in Circular Economy

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Message from the Guest Editors

Dear Colleague,

The theme of this issue is “Photocatalysis in a Circular Economy”. With this topic, we aspire to attract innovative and interdisciplinary contributions from pure and applied chemistry, with a particular focus on sustainable development. The scale-up from the intrinsic photoactivity of semiconductor materials to a photoreactor able to transform scraps to energy and/or chemicals using solar energy combines innovative chemistry and technology. Examples of the areas in which papers would be especially welcome are: Development of photoactive materials, water splitting, CO₂ capture and photoreduction, photoreforming of biomasses, and photoreactors design.

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Guest Editors

Deadline for manuscript
submissions:

closed (30 June 2022)



mdpi.com/si/26575

Special Issue



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