

Photocatalytic Strategies in Organic Synthesis

Guest Editor:

Dr. Davide Ravelli

PhotoGreen Lab, Department of Chemistry, University of Pavia
Viale Taramelli 12, 27100 Pavia, Italy

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Message from the Guest Editor

Dear Colleagues,

It is difficult to exaggerate the importance that photocatalytic strategies have earned in recent years. Thanks to the unconventional pathways offered, they enable the smooth activation of substrates that would otherwise require harsh conditions to react, giving, at the same time, the desired products in excellent yields. Accordingly, photocatalytic processes are often considered as a superior choice when looking for an intrinsically green approach in the frame of organic synthesis. Indeed, recent trends involve the use of coloured catalysts, able to promote the desired processes under visible light irradiation or natural sunlight, further demonstrating the green potential of photocatalysis.

The seminal works by the groups of MacMillan, Yoon and Stephenson were published almost ten years ago now, igniting what can be considered an impressive “gold rush” of photocatalysis. This Special Issue wants to resume how far we have gone in this period and which future directions photocatalysis practitioners will move in.

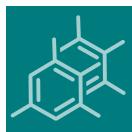
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Guest Editor



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Special Issue



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Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
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