

Special Issue

Photocatalysis in Circular Economy

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.

Guest Editors

Prof. Dr. Gianguido Ramis

Prof. Dr. Barbara Bonelli

Dr. Antonio Tripodi

Deadline for manuscript submissions

closed (30 June 2022)



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About the Journal

Message from the Editor-in-Chief

Chemistry is a broad science and in *Chemistry* we hope to showcase the excellence of this fundamental discipline. Open Access publishing allows scientists to publish their research in a way that reaches the widest possible audience. In *Chemistry* we aspire to build a genuinely transdisciplinary culture in which communication of results between scientists active in different areas and between scientists and the broader public highlights the benefits that chemistry can bring to society. We encourage papers on all aspects of chemistry ranging from astrochemistry to zoochemistry, with everything in between. We also very strongly welcome inter- and multidisciplinary papers which expand the subject beyond its present horizons. We also welcome themed issues collecting reviews and state-of-the-art papers in topical areas of chemical science.

Editor-in-Chief

Prof. Dr. Igor Alabugin
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 4.2 days (median values for papers published in this journal in the second half of 2025).