

Special Issue

Catalysis in Plastics for the 21st Century

Message from the Guest Editors

As we enter the third decade of this century, we face many new challenges. Whilst the issue of global plastic pollution has attracted much public, media and political attention over the last couple of years, the recent COVID-19 pandemic and the resulting surge in demand for PPE has also highlighted our dependence on established plastic materials. In this Special Issue, we invite submissions that cover either new advances in catalysis associated with established petroleum-based plastics, or new catalytic strategies in forming new greener polymeric materials. This can, for example, include the ring-opening polymerization of cyclic esters or the copolymerization of epoxides with carbon dioxide. Emphasis, of course, is on catalyst design, performance and/or mechanistic aspects. Both homogeneous and heterogeneous systems are welcome. We look forward to reading your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



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