

## Special Issue

# Recent Researches in Polymer and Plastic Processing (Second Edition)

### Message from the Guest Editor

With the increasing demand for plastics in various industries, it has become crucial to find innovative techniques to process them. Hence, recent research in polymer and plastic processing have focused on improving the efficiency and sustainability of these materials. A key focus in this field is to develop bio-based materials, derived from renewable sources such as plants, to replace traditional polymers. These bio-based polymers not only reduce our dependence on fossil fuels, but also offer better biodegradability and reduced environmental impact. However, there are challenges in marking, decorating or printing on them. For instance, to print on the plastics developed for packaging, the problem of proper wettability and adhesion of the ink to the non-absorbent substrate must be solved; the solution is to modify the polymeric materials using physical or chemical methods to achieve high-quality printing or to allow for further processing. This Special Issue aims to collate papers addressing any and all aspects of developing sustainable and efficient ways of polymer and plastic processing.

### Guest Editor

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## Materials

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## About the Journal

### Message from the Editor-in-Chief

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