

Special Issue

Catalytic Processes in Biofuel Production and Biomass Valorization

Message from the Guest Editor

Public attention to energy consumption and the related emissions of pollutants is increasing. The constant increase in the costs of raw materials derived from petroleum and the growing concerns surrounding the environmental impact have given considerable impetus to research into new products from renewable raw materials and to the proposal of technological solutions that reduce energy consumption, the use of hazardous substances and waste production, while promoting a model of sustainable development. The valorization of waste materials is a viable alternative to traditional disposal systems, including in the field of renewable energy and biofuels. This Special Issue aims to focus on sustainable chemistry, biomass valorization, biofuels, biodiesel production, waste production, raw materials and glycerol. The topics of this Special Issue include both experimental and theoretical contributions. Original research papers, communications and review articles will be considered for submission.

Guest Editor

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Deadline for manuscript submissions

closed (30 March 2022)



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