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Sustainable Synthesis

Guest Editor:

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Deadline for manuscript submissions:
closed (28 February 2019)

Message from the Guest Editor

Dear Colleagues,

The aim of the development of green and sustainable chemistry is to maximize the benefit of chemistry and chemical products introduced to human society, and minimize their side effects on the environment and public health. This Special Issue presents recent developments on green and sustainable techniques for organic synthesis. It covers following four areas: 1) catalysis reactions (metal-catalysis, organocatalysis, and biocatalysis; 2) new reactions and techniques (pot/atom/step economy reactions, C-H functionalization, flow chemistry, microwave, ultrasonic, photolysis, photoredox, mechanochemistry); 3) alternative solvents (biorenewable solvents, aqueous, ionic liquids, SC-CO_2); and 4) CO_2 and biomass-derived building blocks for synthesis.

Prof. Wei Zhang
Guest Editor

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Message from the Editor-in-Chief

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