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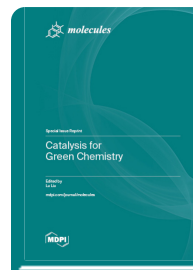
Special Issue Reprint

Catalysis for Green Chemistry

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Synthetic chemistry has greatly enriched people's lives and dramatically changed the world in a multitude of aspects due to its impressive capacity to construct diverse functional groups and structurally complex molecules. However, traditional synthetic reactions normally suffer from low atom economy, harsh conditions, as well as hazardous waste production. Recently, the general principles of green chemistry have required the design of environmentally benign organic reactions, which is of great importance for the sustainable development of our society. Therein, it is pivotal to achieve new catalytic strategies for organic synthesis guided by the connotations of green chemistry.

The goal of this Special Issue was to collect original research papers and review articles devoted to all aspects of homogeneous and heterogeneous catalysis for green chemistry, including metal catalysis, organocatalysis, photocatalysis, and biocatalysis. The submission of manuscripts describing green catalytic technologies such as flow chemistry, multiphase catalysis, green reagents and solvents, catalyst immobilization, and recycling was also encouraged.



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