

Special Issue

Basic Catalysis: Catalytic Functionalization of Alkanes

Message from the Guest Editors

Alkanes are an abundant, rich carbon species, but their use in chemical synthesis is hampered by their inert character, and they are mainly used as non-renewable fossil fuels with serious environmental concerns.

However, they constitute a potential feedstock as alternative raw materials for the synthesis of added value organic compounds, such as alcohols, ketones, carboxylic acids, amides, etc. Their inertness is a challenge to overcome and metal catalysts can play a key role towards the establishment of sustainable systems. This Special Issue should present recent and significant developments in the challenging field of alkane functionalization towards the sustainable synthesis of valuable organic products. Normal papers and short reviews are welcome for submission. Prof. Dr. Elisabete Alegria

Guest Editors

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Deadline for manuscript submissions

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