

Special Issue

The Role of Nitrogen Ligands in Catalysis

Message from the Guest Editors

This Special Issue are welcome in the form of original research papers, reviews, or communications that highlight promising recent research and novel trends in the field of N ligands in catalysis. These could either encompass the (photo)catalytic transformation of various organic compounds to value-added. Reactions could be in liquid or gas phase, employing a variety of catalysts. The topic also concerns the development of new catalysts' synthetic routes for the abovementioned catalytic reactions, as well as the establishment of structure–property relationships for the understanding of the reaction mechanisms. Moreover, studies dealing with the use of physical activation methods (e.g., ultrasound, microwave, ball-milling, non-thermal plasma, UV, electrochemistry) either for selective and total catalytic reactions or for the design of N-ligands with improved characteristics and catalytic properties in view of the topic of this Special Issue are also very welcome.

Guest Editors

Dr. Ana Paula Da Costa Ribeiro

Centro de Química Estrutural–Institute of Molecular Sciences, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, 1049-001 Lisboa, Portugal

Prof. Dr. Luísa Margarida Martins

Centro de Química Estrutural e Departamento de Engenharia Química, Institute of Molecular Sciences, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, 1049-001 Lisboa, Portugal

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

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KS, USA

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