



materials



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Homogeneous and Heterogeneous Catalysis: Principles, Materials Properties and Applications

Guest Editor:

Prof. Dr. Yuwen Chen

Department of Chemical and
Materials Engineering, National
Central University, Jhongli 32001,
Taiwan

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Message from the Guest Editor

Catalytic materials are those solids that allow the chemical reaction to take place efficiently and cost-effectively. They exist in many forms and can be prepared through various techniques involving different procedures and methods. New developments based on the design and functioning of catalytic materials are key to solving a number of current challenges, including the development of cleaner fuel technologies and the elimination of environmentally damaging processes in the pharmaceutical or chemical industries. This Special Issue will collect high-quality comprehensive papers and review papers covering mainly fundamental and applied research/results in the field of homogeneous and heterogeneous catalysis. Topics to be covered include but are not limited to homogeneous catalysis, metal catalysis, heterogeneous catalysis, solid acid, solid base, zeolite, mesoporous material, supported metal catalysts, and photocatalysis. We warmly encourage colleagues involved in all branches of catalytic materials to contribute to this Special Issue.



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Special issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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