

Special Issue

Catalysts: Design, Synthesis, and Molecular Applications

Message from the Guest Editor

As a guest editor, I invite you to participate in the creation of the Special Issue "Catalysts: Design, Synthesis, and Molecular Applications", which will be published in the *International Journal of Molecular Sciences*. This issue will be devoted to the latest achievements in the field of catalysis and related sciences, including the scientific basis for catalyst preparation, the use of physicochemical research methods for catalyst characterization, and kinetics and mechanisms of catalytic reactions. Particular attention will be paid to the design and development of catalysts for the processing of oil, gas and renewable resources, biomass processing, production of valuable chemical products, and fine organic synthesis. It is planned to highlight the issues of the rapidly developing areas of photo-, electro- and laser catalysis, selective membranes, as well as SOFC materials, including those for the generation and conversion of environmentally friendly energy. We look forward to your feedback and fruitful cooperation. Kind regards,

Guest Editor

Dr. Mikhail N. Simonov

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Deadline for manuscript submissions

closed (30 November 2023)



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About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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