



Catalysts: Design, Synthesis, and Molecular Applications

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Message from the Guest Editor

Dear Colleagues,

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,

Dr. Mikhail N. Simonov
Guest Editor





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Message from the Editor-in-Chief

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