

Special Issue

Smart Nanomaterials for Catalytic Environment, Energy, and Sustainability

Message from the Guest Editors

The development of intelligent materials represents the future of material design and production and deserves deeper and more multidisciplinary research at the interface of physics and chemistry. This Special Issue is intended to highlight the latest developments in the creation and practical application of smart materials in energy and environmental protection in order to achieve sustainable development. We are pleased to invite you to submit a manuscript for this special issue. Full articles, reports, and reviews on the modeling, synthesis, properties, and results of practical applications of smart materials and devices are welcome.

Guest Editors

Dr. Farid Orudzhev

Head of Smart Materials lab, Department of Inorganic Chemistry and Chemical Ecology, Dagestan State University, Makhachkala, 367000, M. Gadzhieva St., 43 a, Dagestan, Russia

Prof. Dr. Irina A. Zvereva

Department of Chemical Thermodynamics and Kinetics, Institute of Chemistry, Head of Center for Thermal Analysis and Calorimetry, Saint Petersburg State University, Universitetskii pr. 26, 198504 Peterhof, Russia

Deadline for manuscript submissions

closed (31 March 2023)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/86087

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

[mdpi.com/journal/
catalysts](https://mdpi.com/journal/catalysts)





Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



[mdpi.com/journal/
catalysts](https://mdpi.com/journal/catalysts)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q2 (Chemistry, Physical) / CiteScore - Q1 (General Environmental Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).