

Special Issue

Catalysis by Metals on Perovskite-Type Oxides

Message from the Guest Editor

Perovskite-type oxides are widely explored in a number of environment and energy related research fields. This Special Issue on “Catalysis by Metals on Perovskite-Type Oxides” will provide updates on the recent advances in the catalytic applications of transition metals dispersed on perovskite-type oxides and their working structure. Topics related to catalyst activation, metal segregation, metal atoms protection by oxidation, poisoning, degradation and effect of redox treatments will be of interest. Contributions to this Special Issue are expected to include structural analysis of the active metal phase and of the perovskite-type support using spectroscopy, diffraction and microscopy methods. Determination of structure during reaction would be just ideal. Submissions to this Special Issue are welcome in the form of original research papers or short reviews reflecting the knowledge in the field of perovskite-type mixed oxides within the following thematic subjects: Heterogeneous catalysis; automotive catalysis; electrocatalysis; and structure by operando methods.

Guest Editor

Dr. Davide Ferri

Catalysis for Energy, Paul Scherrer Institut, CH-5232 Villigen, Switzerland

Deadline for manuscript submissions

closed (28 February 2019)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/15115

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).