

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

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Deadline for manuscript submissions

closed (28 February 2019)



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Editor-in-Chief

Prof. Dr. Keith Hohn
Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

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Environmental Science)

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submission; acceptance to publication is undertaken in 2.6
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the second half of 2024).