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Advanced Science and Technology of Nano-Photocatalytic Materials

Guest Editor:

Prof. Dr. Tobias Schnabel

Engineering Department, Hof
University of Applied Science,
Alfons-Goppel Platz 1, 95028 Hof,
Germany

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Message from the Guest Editor

Dear Colleagues,

This Special Issue, titled “Advanced Science and Technology of Nano-Photocatalytic Materials”, addresses the environmental technologies and energy technology systems used for the purification of air, water, and the production of green energy and hydrogen with nanoscale photocatalytic materials. The areas of nanoscale-mixed oxide catalysts and innovative coating technologies for fixing materials are of particular importance here. The content of manuscripts submitted to this Special Issue should range from material synthesis and photochemical and physical material characterization to application studies using quantitative methods. Manuscripts which focus on bandgap engineering for the increased utilization of sunlight and direct electrical energy generation by photo-electrochemical cells based on nanomaterials are also welcome to be submitted.

Prof. Dr. Tobias Schnabel

Guest Editor



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Special issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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