



## Emerging Low-Dimensional Materials II

Guest Editor:

**Prof. Dr. Bo Chen**

School of Chemistry and Life  
Sciences, Nanjing University of  
Posts and Telecommunications,  
Nanjing 210003, China

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### Message from the Guest Editor

Technologies related to renewable energy and a green environment have received extensive attention in the past few decades. Recently, low-dimensional materials, such as zero-dimensional (0D), one-dimensional (1D), and two-dimensional (2D) materials, have been intensively investigated due to their unique catalytic, mechanical, electronic, and optical properties, as well as their various applications. Great efforts have been devoted to studying their synthesis strategies, unique properties, chemical reaction processes, and potential applications. Nevertheless, challenges still exist. It is therefore urgent to launch a Special Issue to appreciate new advances and to review recent progress in novel low-dimensional materials. The present Special Issue on “Emerging Low-Dimensional Materials” may become a status report summarizing the progress achieved in the last few years. Considering the context of COVID-19, we hope that both researchers and also the wider community will benefit from the outcomes of this Special Issue.

- low-dimensional materials
- nanocrystals
- sustainable materials
- emerging functional nanomaterials
- heterostructures
- energy storage and conversion





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**Prof. Dr. Alessandra Toncelli**

Department of Physics, University  
of Pisa, 56126 Pisa, PI, Italy

## Message from the Editor-in-Chief

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*Crystals* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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