



## Optoelectronic Properties of Metal Oxide Semiconductors

Guest Editor:

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### **Message from the Guest Editor**

Dear Colleagues,

Metal oxides have emerged as promising material candidates in various optoelectronic applications. Compared with amorphous silicon (a-Si) and organic semiconductors, metal oxides offer unique advantages, such as tunable bandgap and the ability to be controllably doped. However, the wide application of metal oxide semiconductors relies on a better understanding of optoelectronic properties that covers essential details of structure properties, band structure, transport, and optical and magnetic properties of semiconductors. This Special Issue focuses on the most recent advances in aspects of optoelectronic properties and applications of metal oxide semiconductors in the form of original research articles and critical reviews. Other related topics, such as 2D material optoelectronics and Si-based devices, are also welcome to the Special Issue.

Dr. Zemin Zhang

*Guest Editor*





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## Message from the Editor-in-Chief

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