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Low-Dimensional Infrared Materials and Devices

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Narrow bandgap low dimensional materials with excellent physical properties such as high mobility, strong light absorption, and intrinsic ferromagnetism have great potential applications in room temperature infrared photodetectors, gas sensors, transistors, etc. They represent an opportunity to design various devices based on those materials and their heterostructures. Significant challenges such as large area materials synthesis, uniform performance device array fabrication, and the increased cost of application are waiting to be overcome.

It is my pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are all welcome.

Prof. Dr. Mingsheng Long
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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