24th Australian Institute of Physics Congress



Contribution ID: 655

Type: Poster

Atomically Thin Indium Oxide Based Nanosheets for Optoelectronics

Tuesday 13 December 2022 18:45 (15 minutes)

2D antimony doped indium oxide (IAO) nanosheets with few atom thicknesses have been synthesized utilizing liquid metal printing technique. The work proposes a viable pathway for realizing ultrathin transparent semiconducting oxides (TSOs) with enhanced electronic and optical properties.

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Session Classification: Poster session

Track Classification: COMMAD: COMMAD: Semiconductor materials, devices, and technologies