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ACCEPTED MANUSCRIPT

Gas sensor based on three dimensional Bi_2S_3 nanowires network for ammonia detection at room temperature

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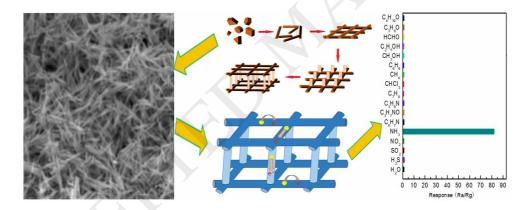
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Graphical abstract



Highlights

- ► Three dimensional Bi₂S₃ nanowires networks.
- ► High response to NH₃ gas.
- ► Good selectivity.
- ► Wide linear range.
- ► Work at room temperature.

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