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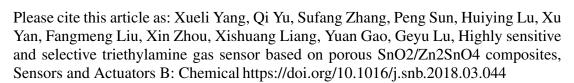
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ACCEPTED MANUSCRIPT

Highly sensitive and selective triethylamine gas sensor based on porous SnO₂/

Zn₂SnO₄ composites

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Highlights:

• Porous SnO₂/Zn₂SnO₄ composites were synthesized via a facile hydrothermal

method.

• The porous SnO₂/Zn₂SnO₄ composites exhibited excellent gas sensing

property toward triethylamine.

• The porous SnO₂/Zn₂SnO₄ composites possess a low detection limit of 500 ppb.

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