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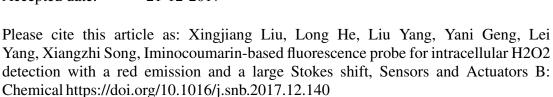
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ACCEPTED MANUSCRIPT

Iminocoumarin-based fluorescence probe for intracellular H_2O_2 detection with a red emission and a large Stokes shift

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Research Highlights

- This probe was highly selective to H_2O_2 over other reactive oxygen species (ROS).
- This probe displayed a red fluorescence (λ_{em} max = 619 nm) and a large Stokes shift (148 nm) with a low detection limit (6.0×10^{-8} mol/L).
- This probe displayed a good performance in the detection of intracellular H₂O₂ in living cells.

Abstract

¹ These authors contribute equally to this work.

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