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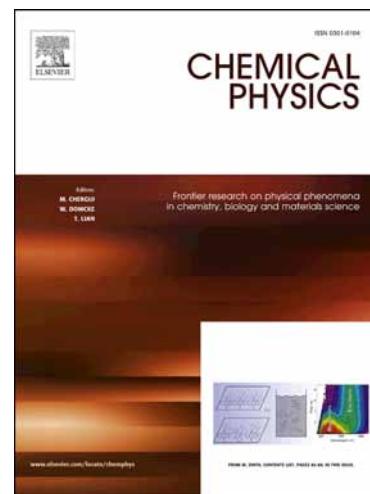
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Highlights

Glutathione causes increased photoluminescence from nanotubes suspended with DNA.

Nanotube species allow ratiometric photoluminescence detection of glutathione.

Nanotube emission is more sensitive to cysteine addition comparing to glutathione.

Emission enhancement value is larger for thiol compounds with lower redox potential.

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