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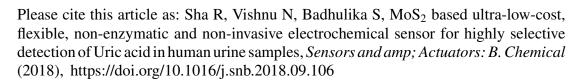
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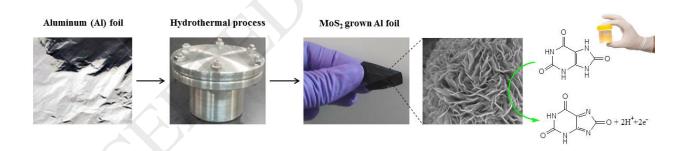
MoS₂ based ultra-low-cost, flexible, non-enzymatic and non-invasive electrochemical sensor for highly selective detection of Uric acid in human urine samples

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Graphical Abstract



Highlights:

- First demonstration of MoS₂ based flexible and non-invasive UA sensor
- Easy and inexpensive method used for the fabrication of flexible UA sensor
- Excellent sensitivity, selectivity and reproducibility, low limit of detection
- Validation of sensor through the successful determination of UA in urine sample

[†]Equal contribution

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