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## Highly Conductive Nano-Silver Textile for Sensing Hydrogen Peroxide

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### Highlights:

- Highly conductive textile has been prepared and demonstrated with the resistance of  $0.26 \Omega \cdot \text{cm}^{-1}$ .
- Simple contact method was used to modify the GCE for electrochemical sensing of hydrogen peroxide.
- Ag-VF/GC was used as an electroactive catalyst presents wide linear range and high sensitivity.
- The developed method provides a promising cost-effective, flexible, single-use sensor for  $\text{H}_2\text{O}_2$ .
- It is useful for pilot-plant industries or wherever high concentration studies are required.

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