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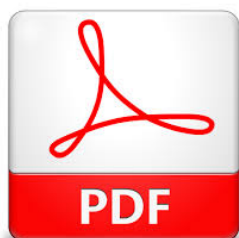
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**Abstract**

The surface-enhanced Raman spectroscopy (SERS) method exploits the plasmonic effect of nano-si-



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