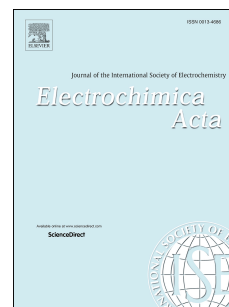


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Electrochemical fabrication of pyramid-shape silver microstructure as effective and reusable SERS substrate

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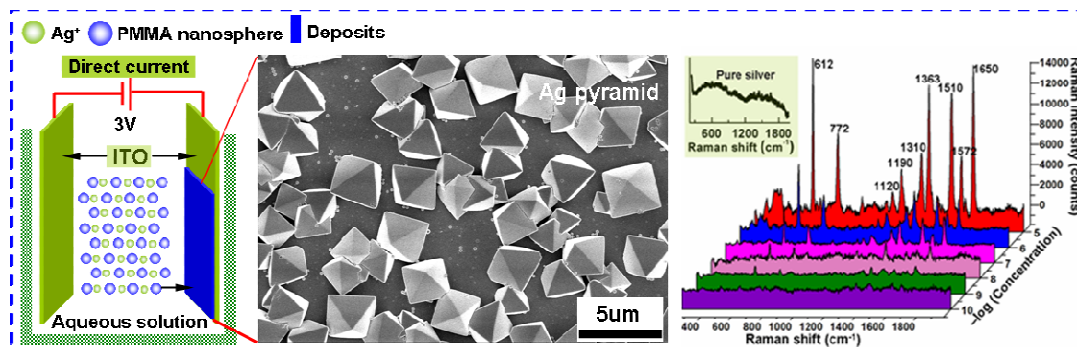
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A Graphical Abstract



The pyramid-shape silver microstructure has been successfully synthesized using a facile potentiostatic deposition method. The as-prepared pyramid-shape silver microstructure has been evolved as a sensitive SERS substrate for the detection of trace amounts of rhodamine 6G (R6G) and 3-mercaptopropionic acid (3MPA) down to nanomolar and millimolar concentration with excellent sensitivity, reproducibility and recyclability.

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