

Supporting information

Large scale synthesis of gold dendritic nanostructures for surface
enhanced Raman scattering

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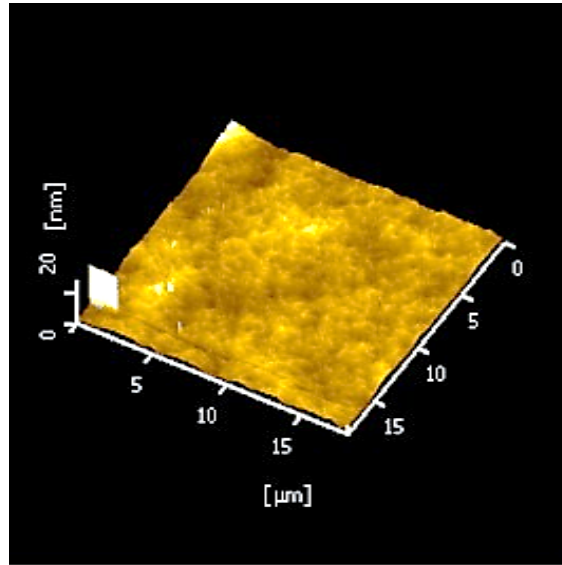


Fig. S1 AFM image of patterned Si wafer.

Table S1: Roughness (in nm) of patterned area.

Ra	Rz	P-V
0.11	0.76	1.21

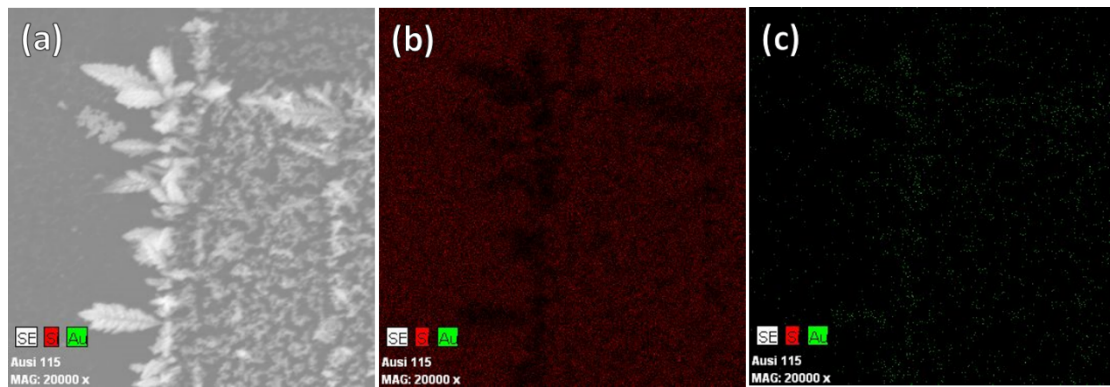


Fig. S2 SEM mapping image of Au dendritic nanostructures, (b) and (c) shows the distribution of Si and Au, respectively.

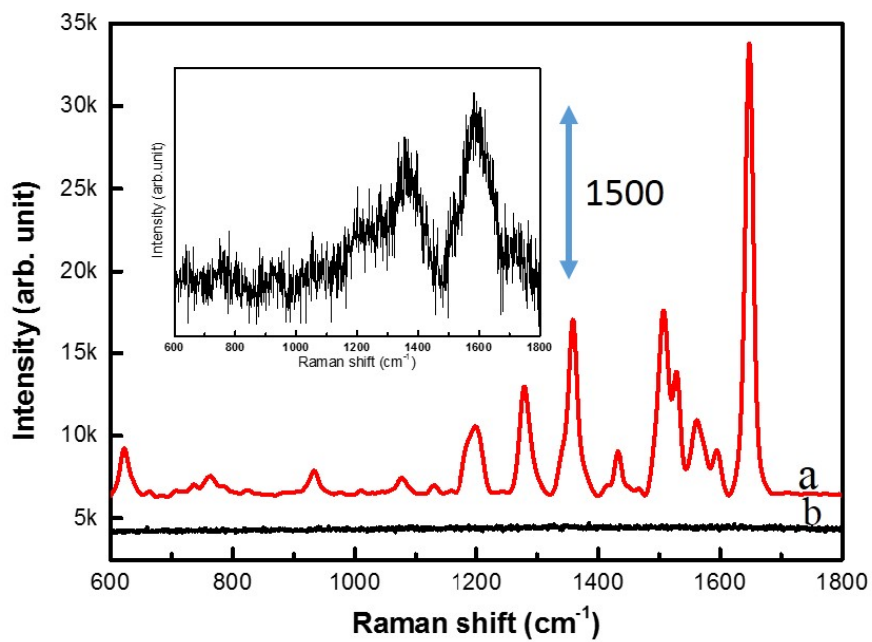


Fig. S3 SERS spectra collected from 10^{-6} M RhB adsorbed on Au dendritic nanostructures (line a) and Raman spectra of solid RhB (line b). Inset: magnified spectra of solid RhB.