

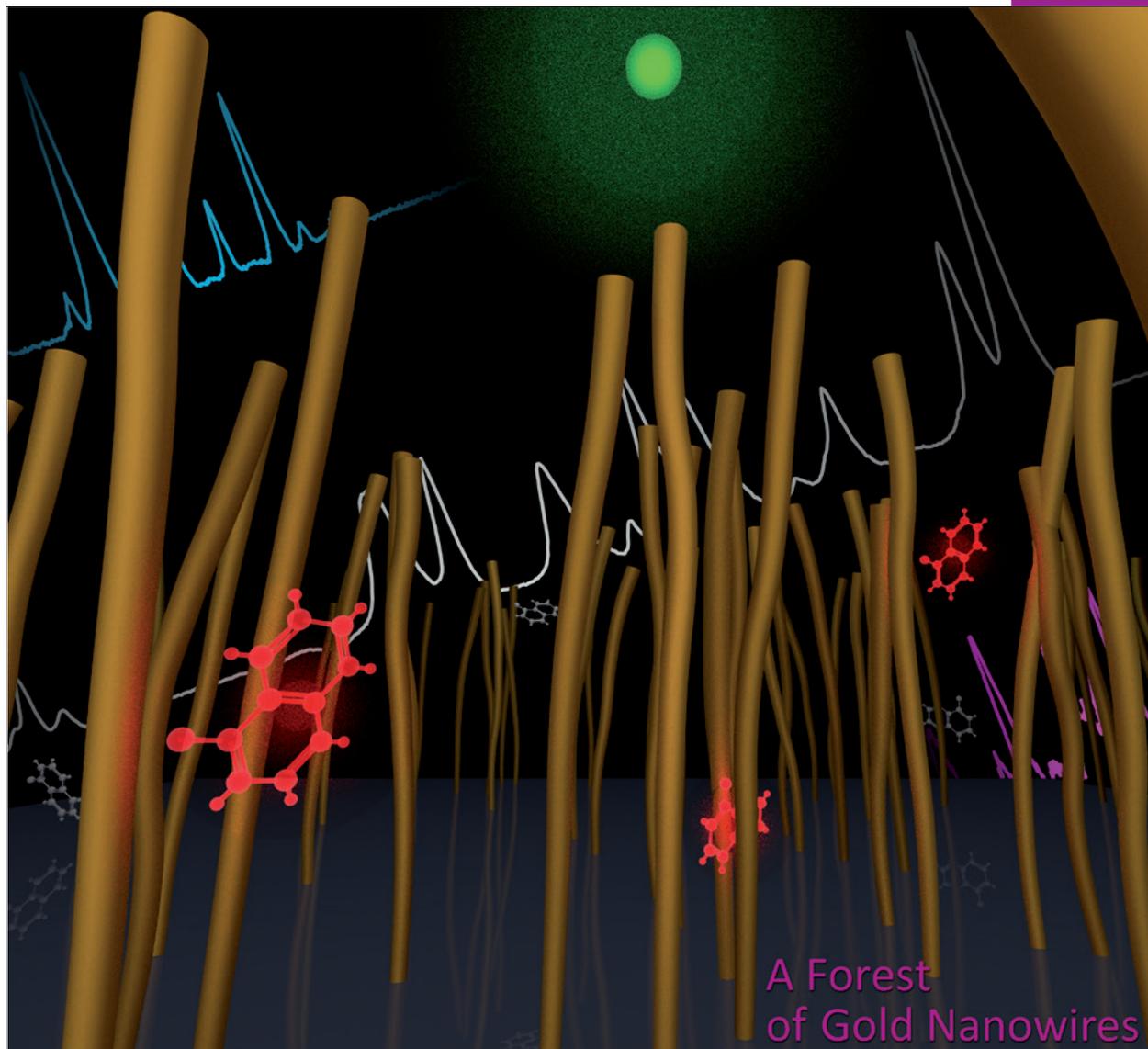


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A Forest  
of Gold Nanowires

**Communications:**

*Ortho* Alkylation of Perylene Bisimides

(A. P. H. J. Schenning)

Chromogenic Probe for Selective Recognition

(R. Martínez-Máñez, A. M. Costero)

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## Cover Picture

Andrea La Porta, Marek Grzelczak, and Luis M. Liz-Marzán\*

The cover picture shows a schematic view of a “forest” of gold nanowires vertically grown on a solid support. Standard Raman-active molecules and their corresponding surface-enhanced Raman scattering (SERS) spectra are depicted in between the nanowires. The manuscript by La Porta et al. describes the controlled growth of such gold nanowires and their corresponding plasmonic properties. Collective plasmon modes lead to the formation of hot spots, with high SERS activity that allowed the detection of various molecular species, both in solution and in the gas phase. Plasma cleaning was used to remove the adsorbed analytes and reuse the nanowire forest for subsequent detection measurements. For more details, see the Full Paper by Luis M. Liz-Marzán and co-workers, on p. 146 ff.

