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Multilayer Metal-Oxide-Metal Nanopatterns via Nanoimprint and Strip-off for Multispectral Resonance

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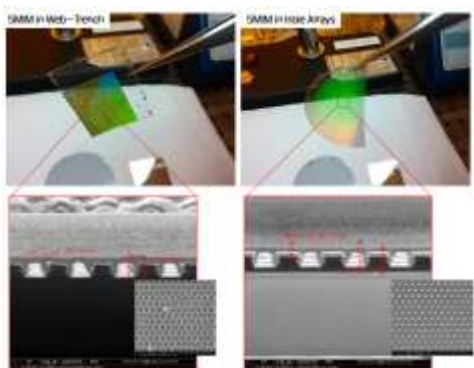
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Graphical abstract

First, we developed a fabrication strategy for discrete multilayer nanopattern arrays comprised of alternate stacks of metal and oxide, the process of which is based on nanoimprint-coupled strip-off. The figure below shows five layers of alternating Ag and oxide in the web-trench (left) and hole arrays (right) after selective strip-off of the multilayers deposited only on the raised surface of the nanoimprinted patterns.



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