

# ADVANCED FUNCTIONAL MATERIALS

## NANOSPACERS

Ultrathin monolayer graphene as a well-defined sub-nanospacer between Ag NPs and Ag film is demonstrated by C. H. Choy and co-workers. Their results show that the system offers a tremendous near-field enhancement with one of the highest enhancement ratios reported to date in the graphene-metal plasmonic combination system. There is an additional chemical enhancement from the interaction between graphene sub-nanospacer and detection molecules.

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