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The synthesis of highly branched ...

... concave Au/Pd bimetallic nanocrystals by seed-mediated growth at room temperature is described by A. W. Xu et al. in their Communication on page 645 ff. These star-shaped nanostructures have high-index facets on their surfaces, exhibit much better catalytic activity for the oxidation of ethanol than spherical Au/Pd catalysts, and show highly efficient SERS enhancement.

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