

Supporting Information for
Hollow Au_xAg/Au core/shell nanospheres as efficient catalysts for
electrooxidation of liquid fuels

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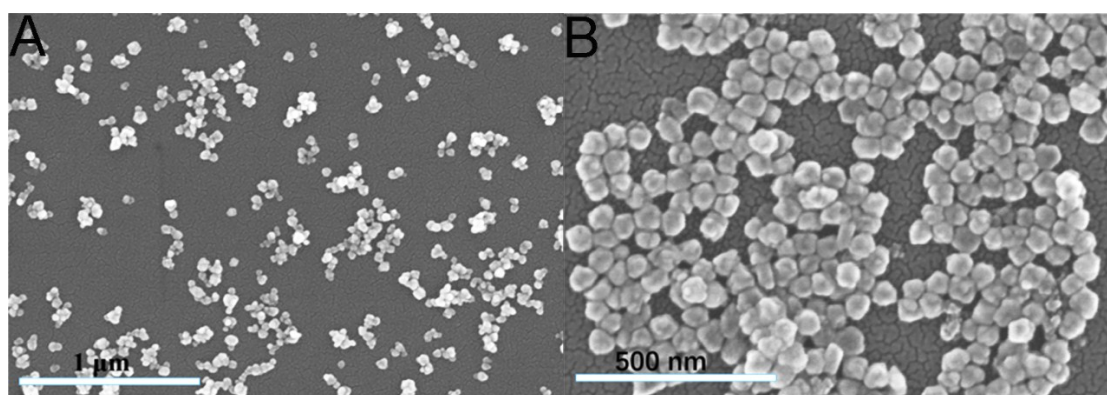


Fig.S1 Representative SEM images of hollow $\text{Au}_x\text{Ag}/\text{Au}$ core/shell nanospheres with different magnifications.

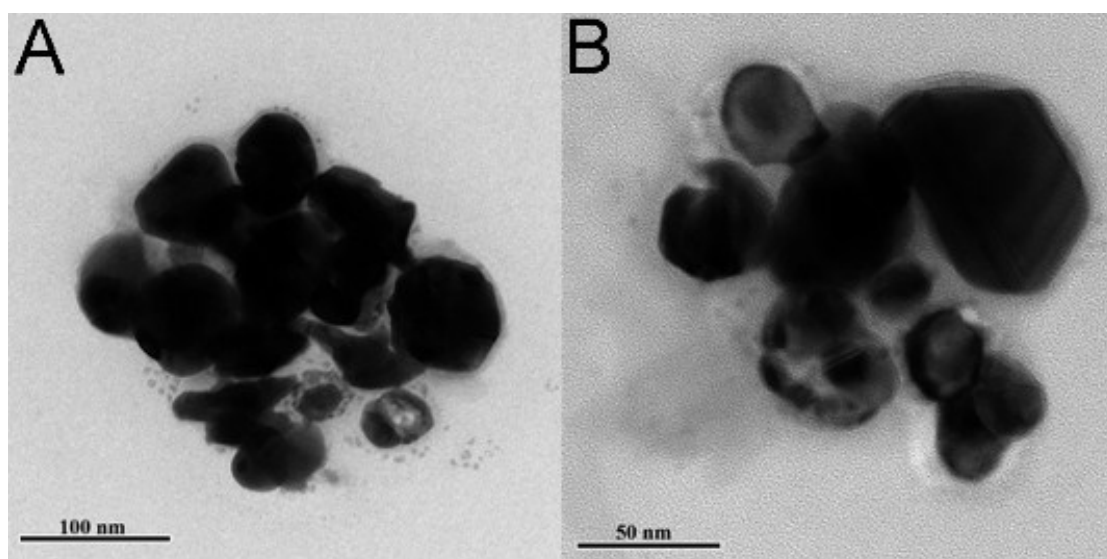


Fig.S2 Representative TEM images of AuAg nanocrystals prepared in the absence of CTAC with different magnifications, while keep other conditions unchanged.

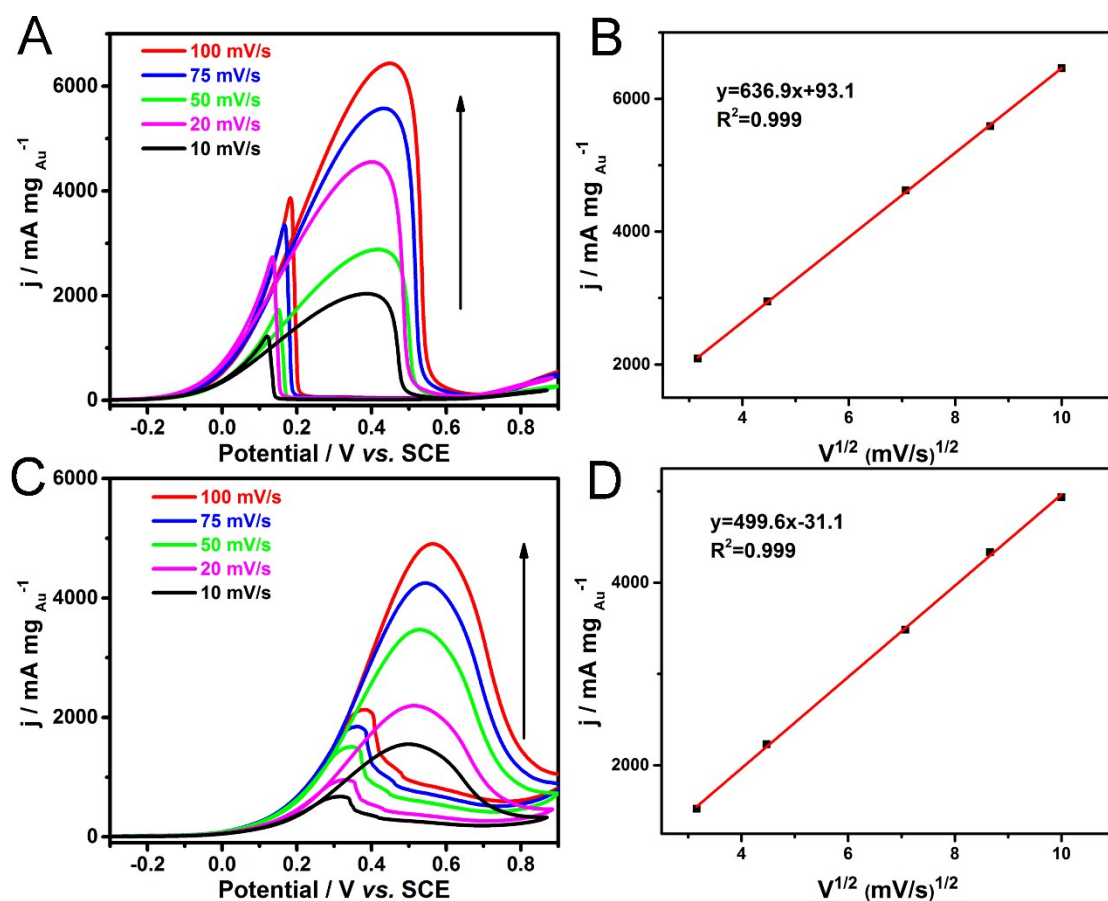


Fig.S3 CV curves of (A) EGOR and (B) GOR on Au_1Ag_1 modified electrodes at different scan rates. And the corresponding plot of forward peak current (I_f) versus the square root of the scan rate ($v^{1/2}$) (C and D).