

SUPPORTING INFORMATION:

Site-selective functionalization of plasmonic nanopores for enhanced fluorescence emission rate and Förster Resonance Energy Transfer

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1. Scattering cross sections of the four different families of nanopores

The scattering cross sections of the four different families of nanopores have been obtained using COMSOL Multiphysics. The scattering cross section is obtained as the integral of the projection of the Poynting vector along the normal direction of the surface of the scatterer. The scattered field has been obtained for the illumination used in the paper, *i.e.* a tightly focused Gaussian beam.

