

Supporting Information for
**Size and Emission Colour Tuning in the Solution Phase Synthesis of
Highly Luminescent Germanium Nanocrystals**

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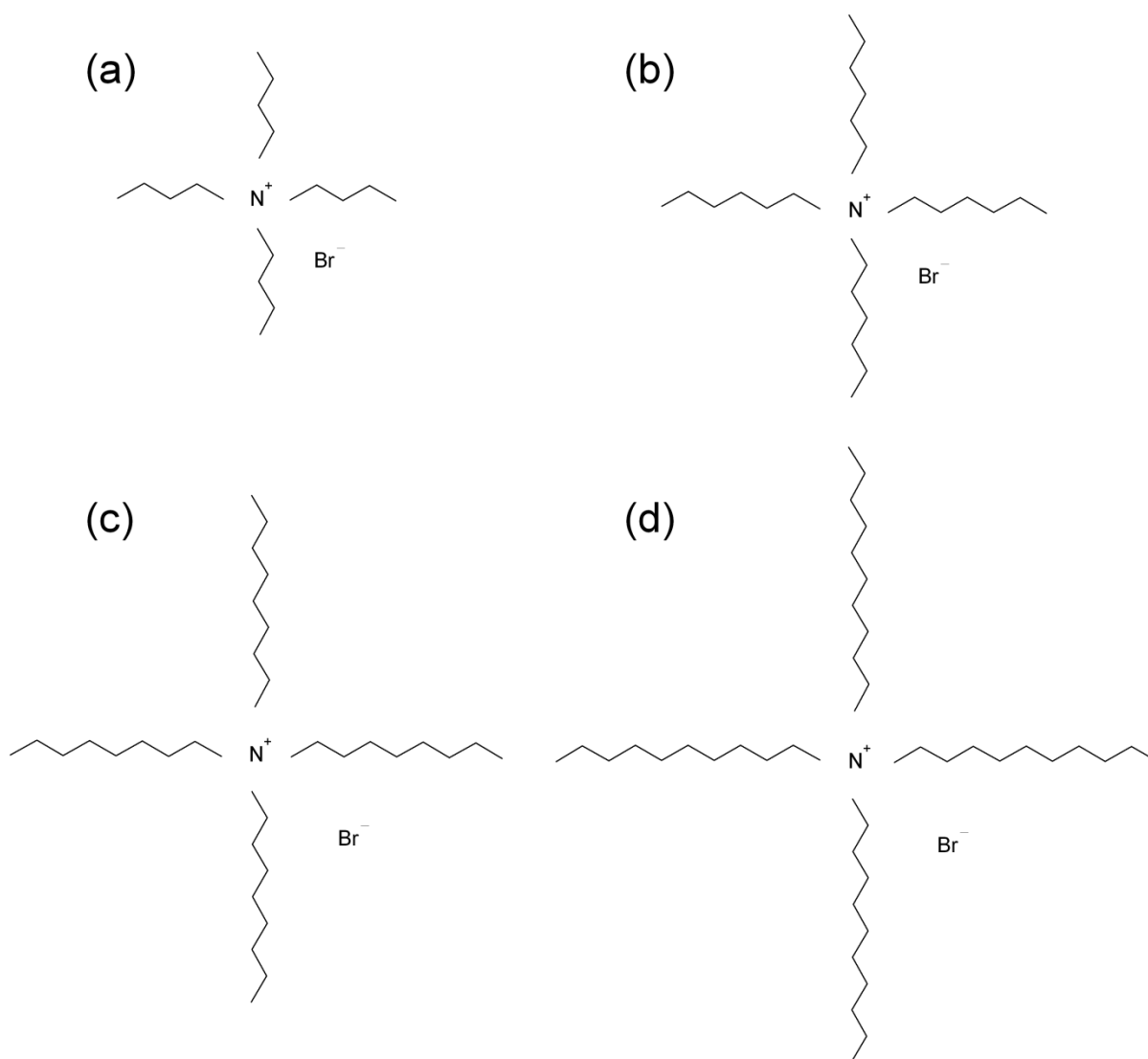


Fig. ESI1. Chemical structures of the cationic quaternary ammonium surfactants used in this study: a) tetrabutylammonium bromide, b) tetrahexylammonium bromide, c) tetraoctylammonium bromide and d) tetra(kis)decylammonium bromide.

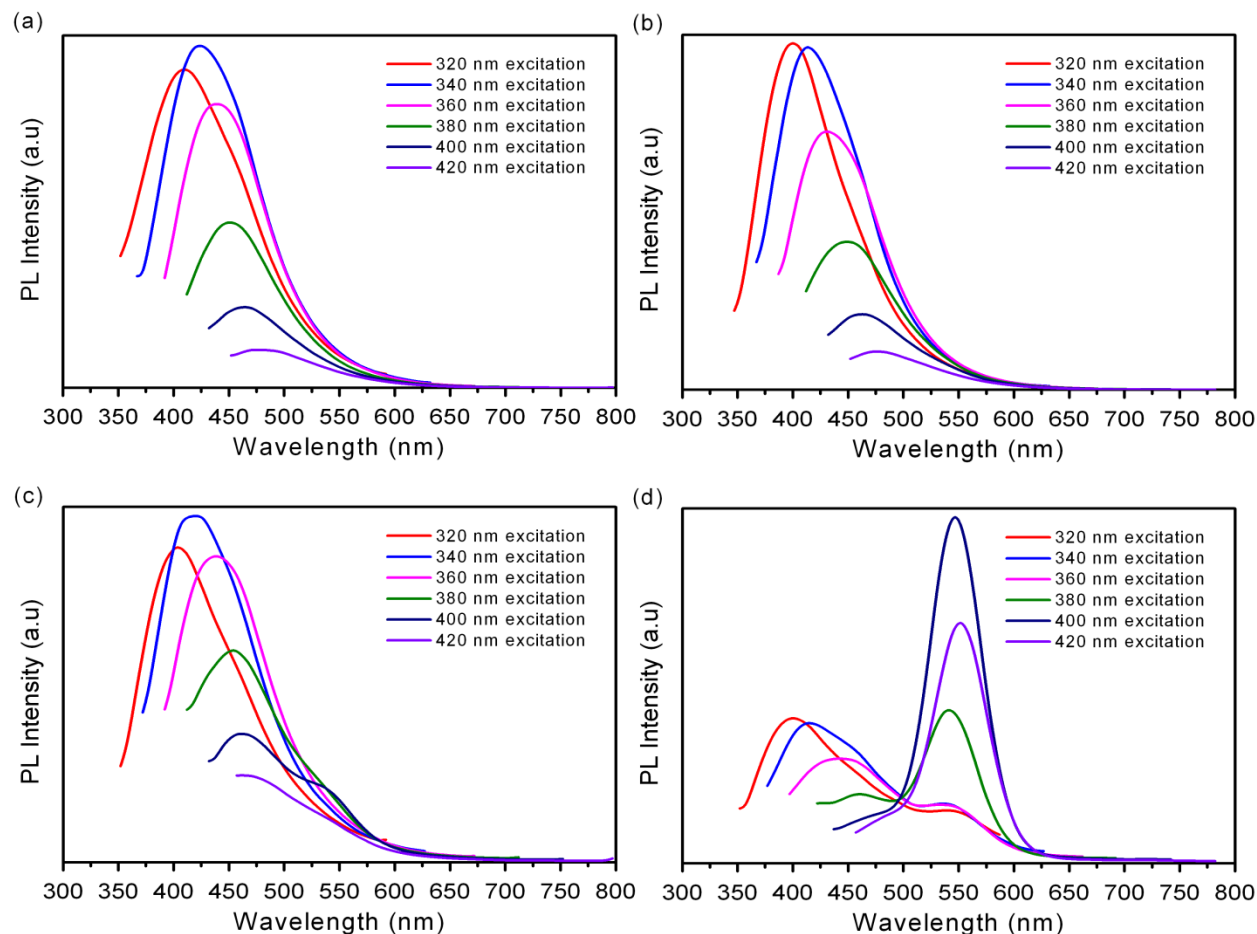


Fig. ESI2. Normalized photoluminescence spectra of aqueous dispersions of Ge NCs recorded using different excitation wavelengths for a) 3.5 nm, b) 3.7 nm, c) 4.1 nm and d) 4.5 nm nanocrystals.

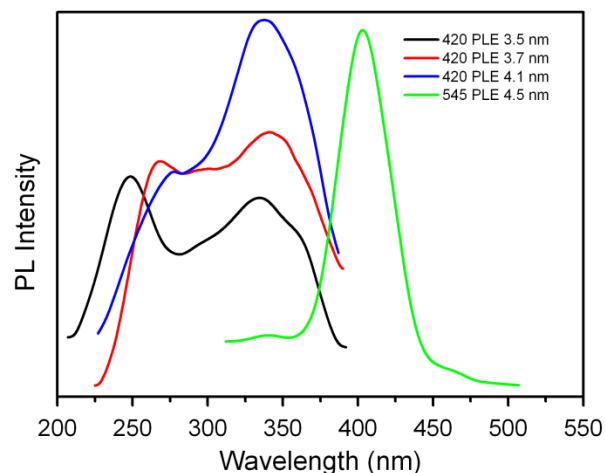


Fig. ESI3. Normalized photoluminescence excitation (PLE) spectra of aqueous dispersions of Ge nanocrystals. The wavelength positions at which the spectra were recorded are indicated.

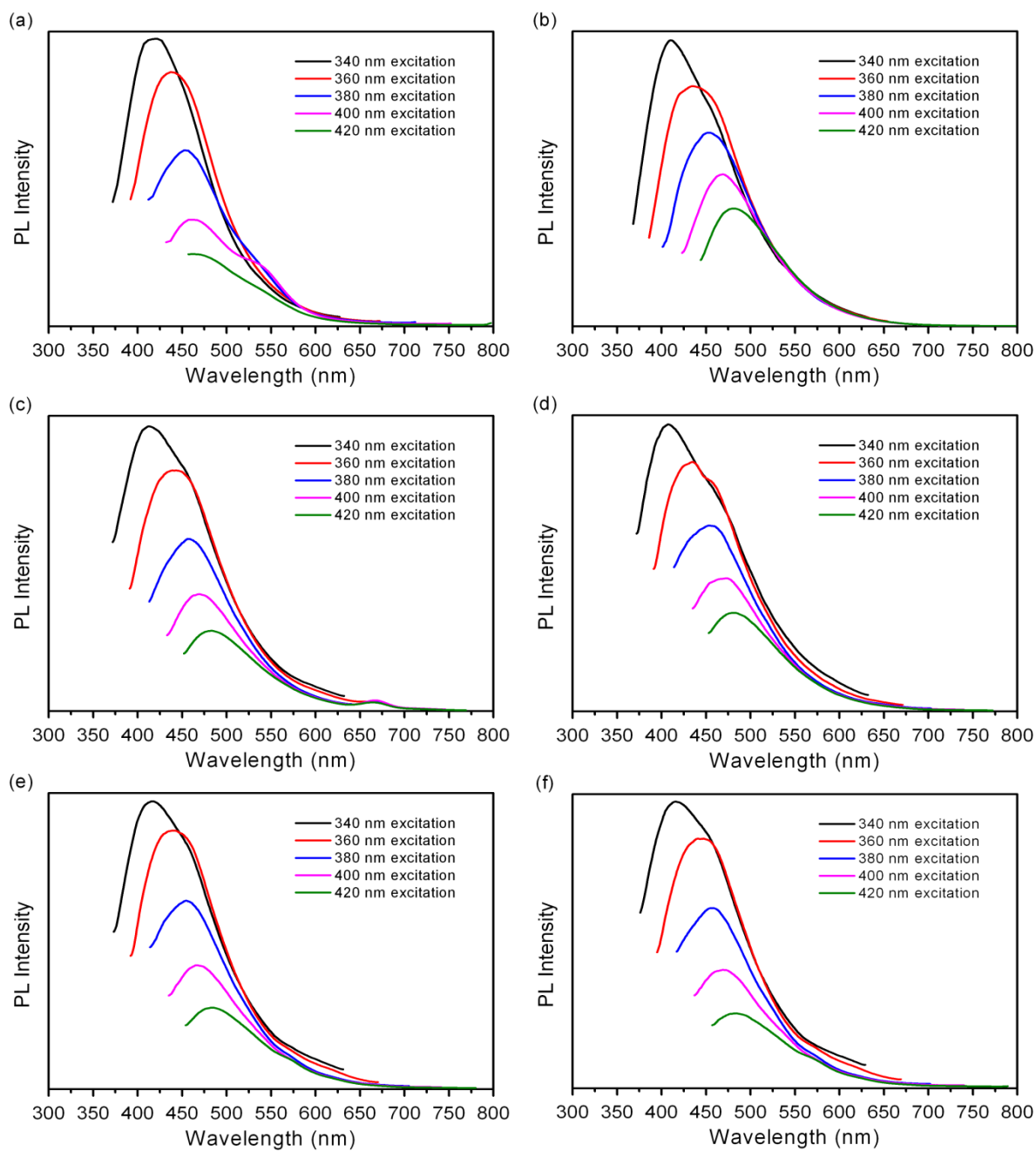


Fig. ESI4. Normalized photoluminescence spectra of Ge NCs dispersed in (a) water, (b) chloroform, (c) acetonitrile, d) dichloromethane, e) ethanol and f) methanol recorded using different excitation wavelengths.