Gold Nanoparticles Prepared with a Room-Temperature Ionic Liquid–Radiation Irradiation Method

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Figure S1  EDX spectra of Au nanoparticles synthesized in BuMeImTf₂N with 0.5 mmol L⁻¹ NaAuCl₄•2H₂O using (−) accelerator electron beam and (−−−) γ-ray irradiation. Copper mesh grids were used for the EDX analyses. The irradiation dose was 20 kGy.
Figure S2  TEM images of Au nanoparticles synthesized in BuMeImTf$_2$N with 0.5 mmol L$^{-1}$ NaAuCl$_4$$\cdot$2H$_2$O using $\gamma$-ray irradiation dose of 20 kGy.