Supplementary Information for:

Oxidation of copper nanoparticles in water: Mechanistic insights revealed by oxygen uptake and spectroscopic methods

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Kinetics profile for CuNP oxidation followed at different temperatures.

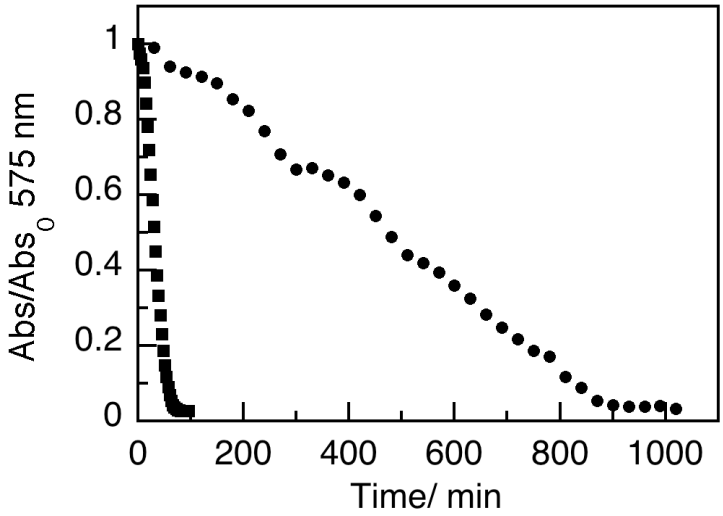

Figure S1. Relative absorbance at 575 nm showing consumption of CuNP upon air exposure at 5°C (•) and at 45°C (■).

Electron paramagnetic resonance of Cu^{2+} after addition of ascorbic acid.

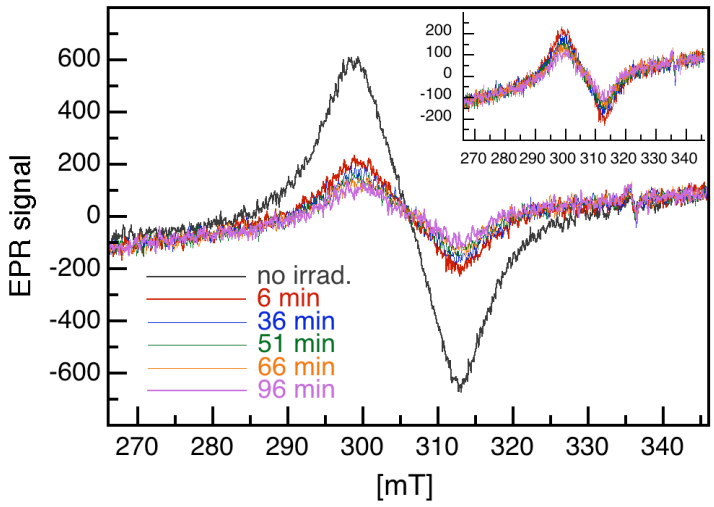

Figure S2. EPR spectra of 0.66 mM $CuSO_4$ at different times after the addition of 1 mM ascorbic acid showing the consumption of Cu^{2+}.