Electronic Supplementary Material (ESI) for Environmental Science: Nano. This journal is © The Royal Society of Chemistry 2020

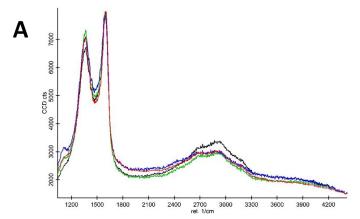
Ecotoxicological impact of graphene oxide: toxic effects on the model organism Artemia franciscana

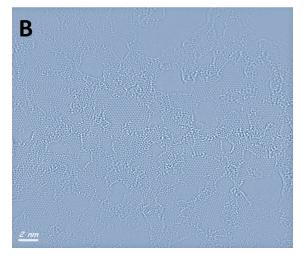
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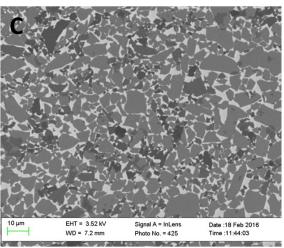
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Supplementary materials

Figure S1. Physico-chemical characterization of GO. (A) Raman Spectra of the Graphene Oxide deposited in a glass slide; each color one point. (B) HR-TEM image of GO; the e-beam reduced partially the graphene oxide and the honey-comb structure is recovered. (C) SEM image of GO flakes deposited on a SiO₂/Si substrate.







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Figure S2. Uptake of GO by *A. franciscana* adults. Representative images of *A. franciscana* adults exposed to GO for 24 h (A) in absence of food and 48 h (B), in the absence and in the presence of food. The black and green arrows indicate GO and food into the lumen of the digestive tract, respectively. Pictures were acquired under the stereomicroscope at a 1X magnification. Scale bars: 1 mm.

