

Supporting Information

Occurrence and trophic transfer of nanoparticulate Ag and Ti in the
natural aquatic food web of Taihu Lake, China

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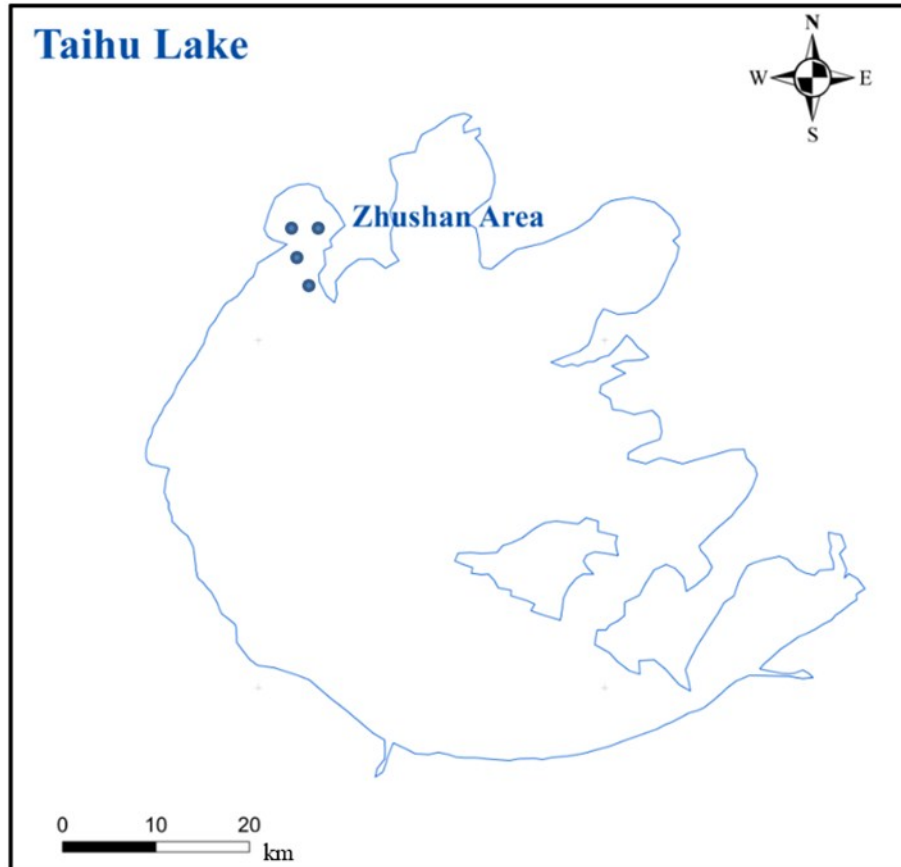


Fig. S1. Sampling sites of surface water and sediment in Zhushan bay of Taihu Lake, China.

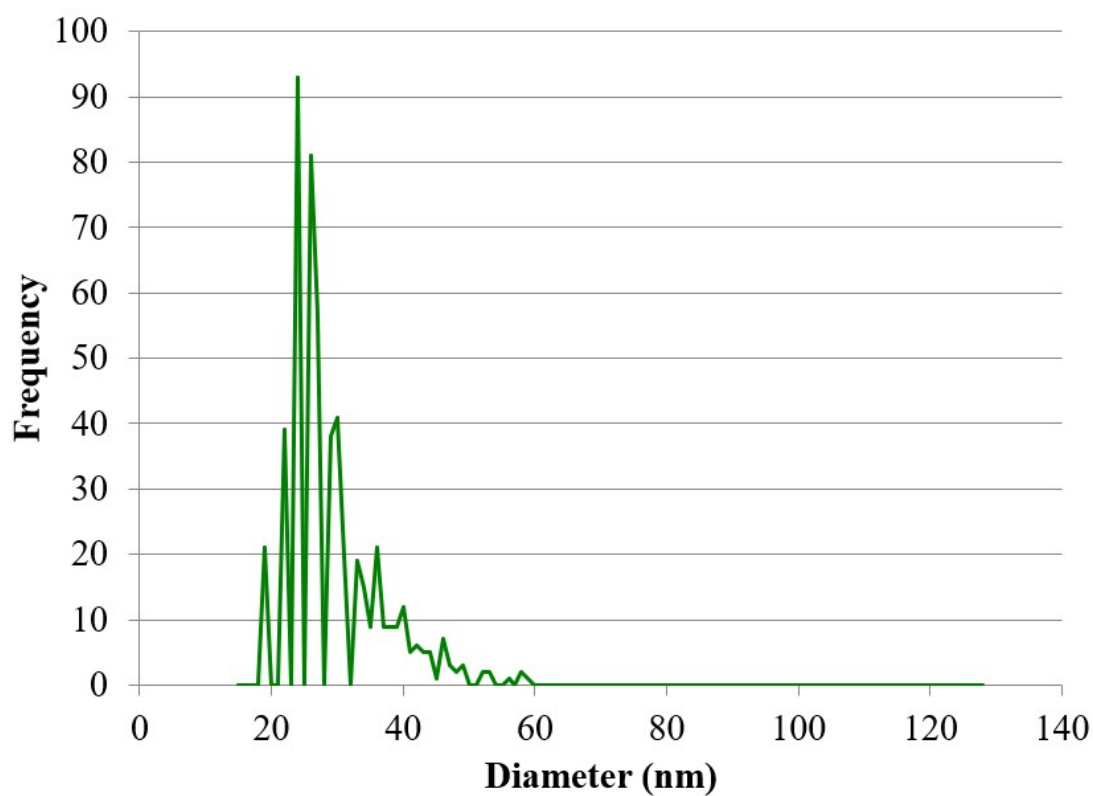


Fig. S2. Size distribution of nanoparticulate Ag in surface water of Taihu Lake, China.

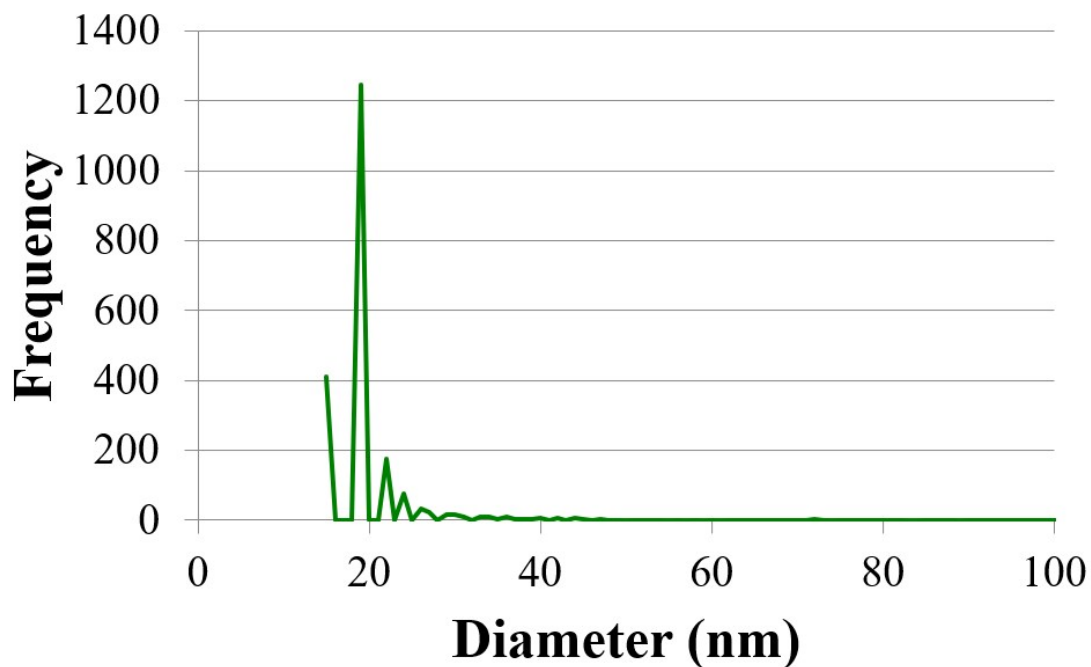


Fig. S3. Size distribution of nanoparticulate Ag in sediment of Taihu Lake, China.

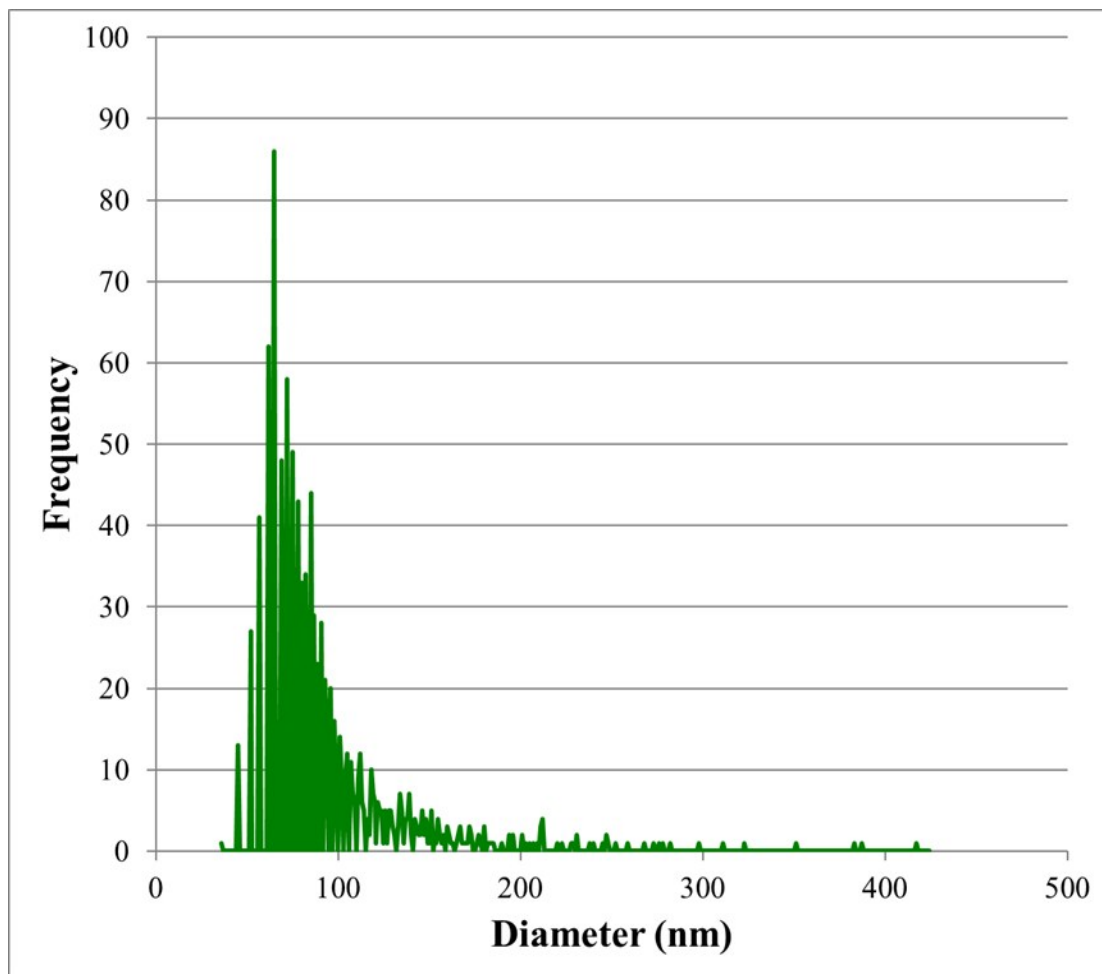


Fig. S4. Size distribution of nanoparticulate Ti in surface water of Taihu Lake, China.

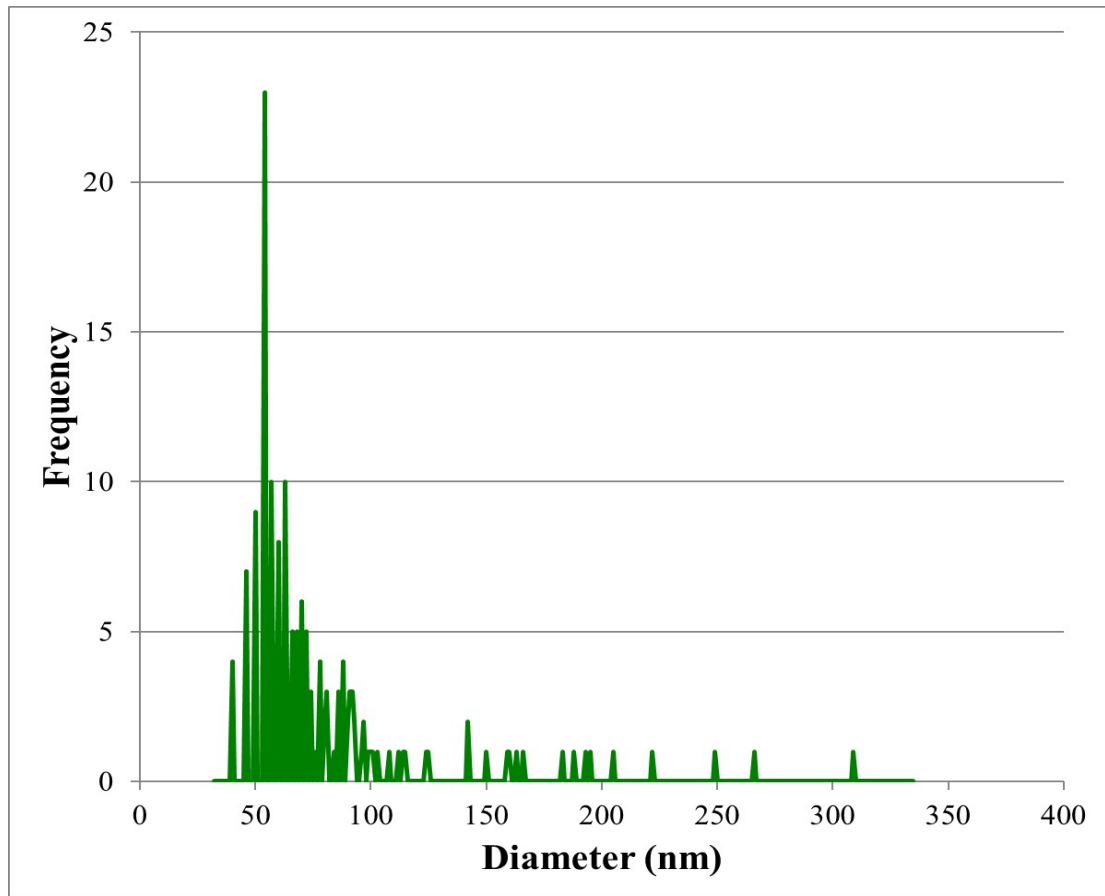


Fig. S5. Size distribution of nanoparticulate Ti in sediment of Taihu Lake, China.

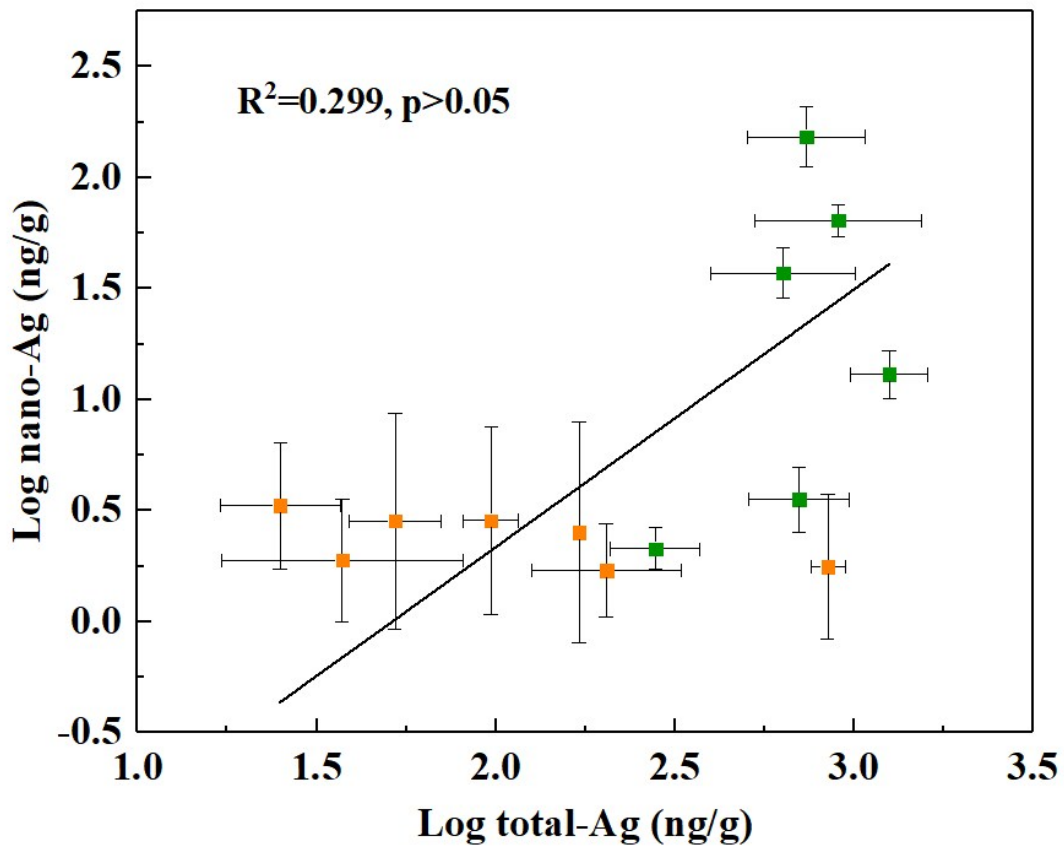


Fig. S6. Correlations between log concentrations of total-Ag and nano-Ag in aquatic organisms. Invertebrate and fish samples were represented by green and orange color symbols, respectively. Error bars represented standard error of replicate samples (n=3).

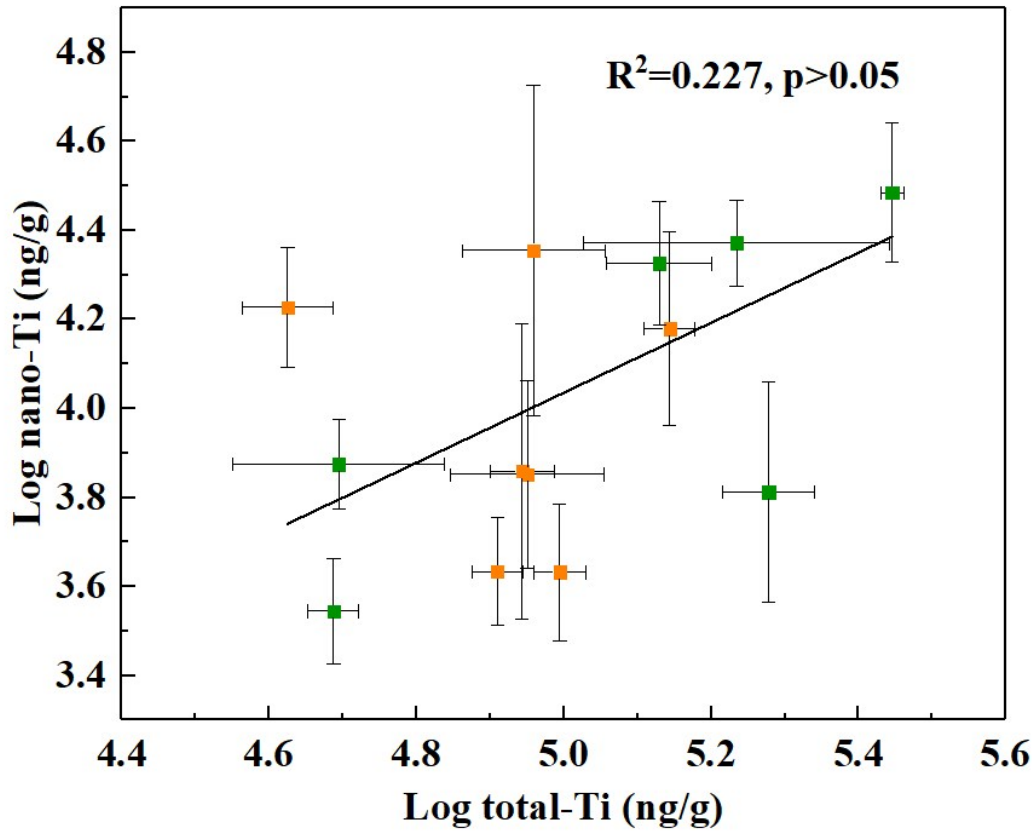


Fig. S7. Correlations between log concentrations of total-Ti and nano-Ti in aquatic organisms. Invertebrate and fish samples were represented by green and orange color symbols, respectively. Error bars represented standard error of replicate samples (n=3).

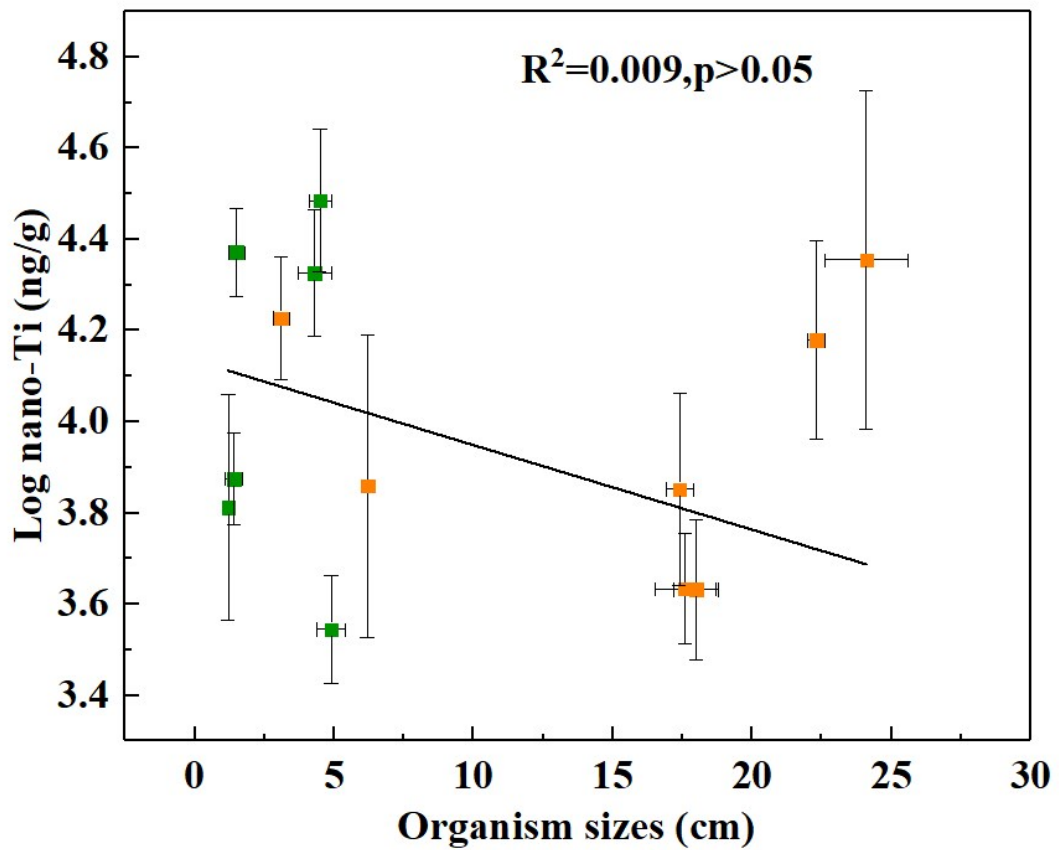


Fig. S8. Correlations between organism sizes and log concentrations of nano-Ti in aquatic organisms. Invertebrate and fish samples were represented by green and orange color symbols, respectively. Error bars represented standard error of replicate samples (n=3).

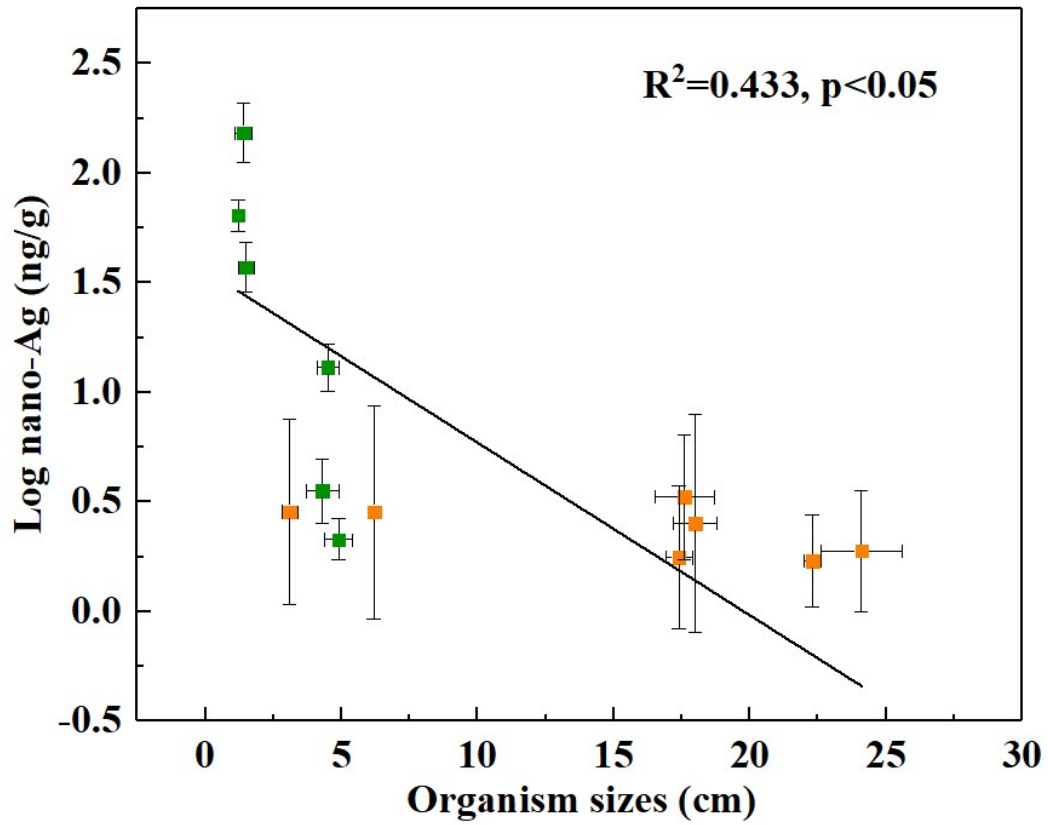


Fig. S9. Correlations between organism sizes and log concentrations of nano-Ag in aquatic organisms. Invertebrate and fish samples were represented by green and orange color symbols, respectively. Error bars represented standard error of replicate samples (n=3).

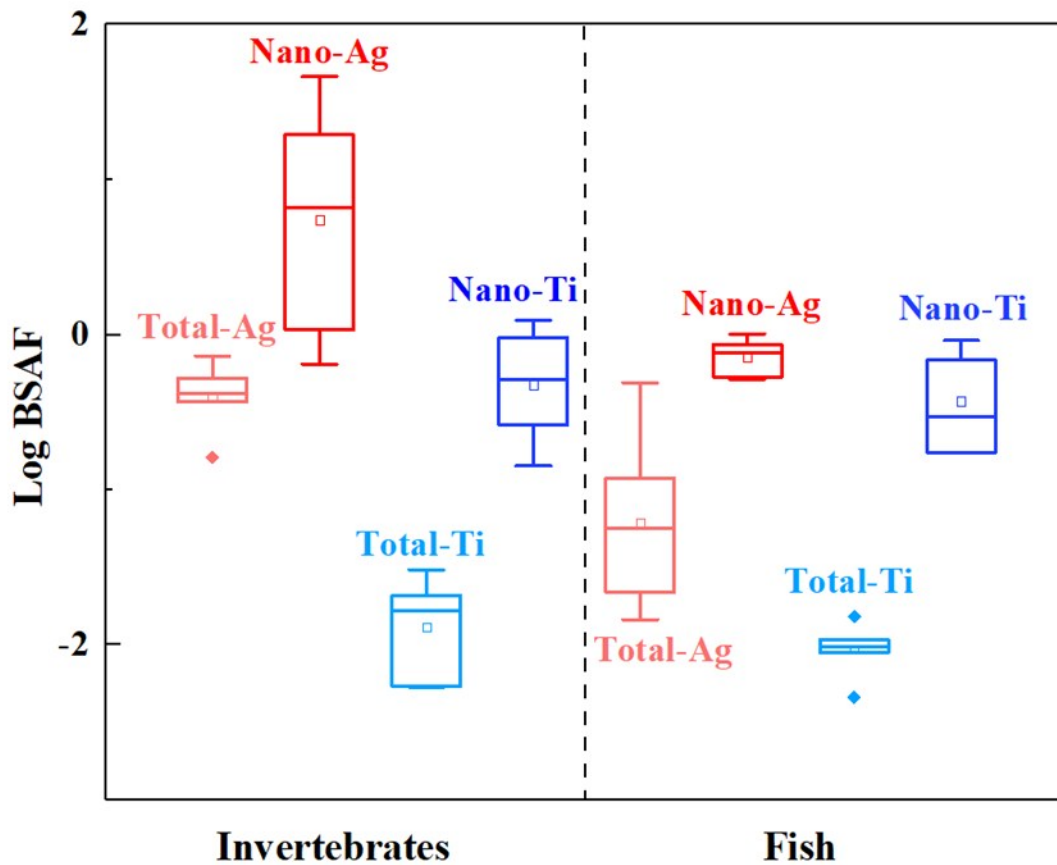


Fig. S10. Log BSAF of total and nanoparticulate Ag and Ti in aquatic organisms. Invertebrates were placed on the left-hand side of the dotted line, and fish samples were placed on the right-hand side of the dotted line. The horizontal line in the box represents the median values. Hollow points represent average values. Solid points represent outliers. The lower and upper ends of the boxes display the 25th and 75th percentiles.