

Supporting Information

Promotion of DNA Adsorption onto Microplastics by Transition Metal Ions

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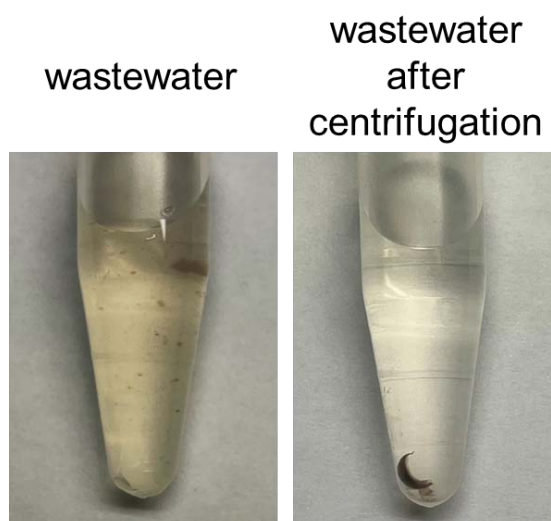


Figure S1. Photographs depicting the wastewater sample before and after centrifugation (1000 rpm, 2 min).

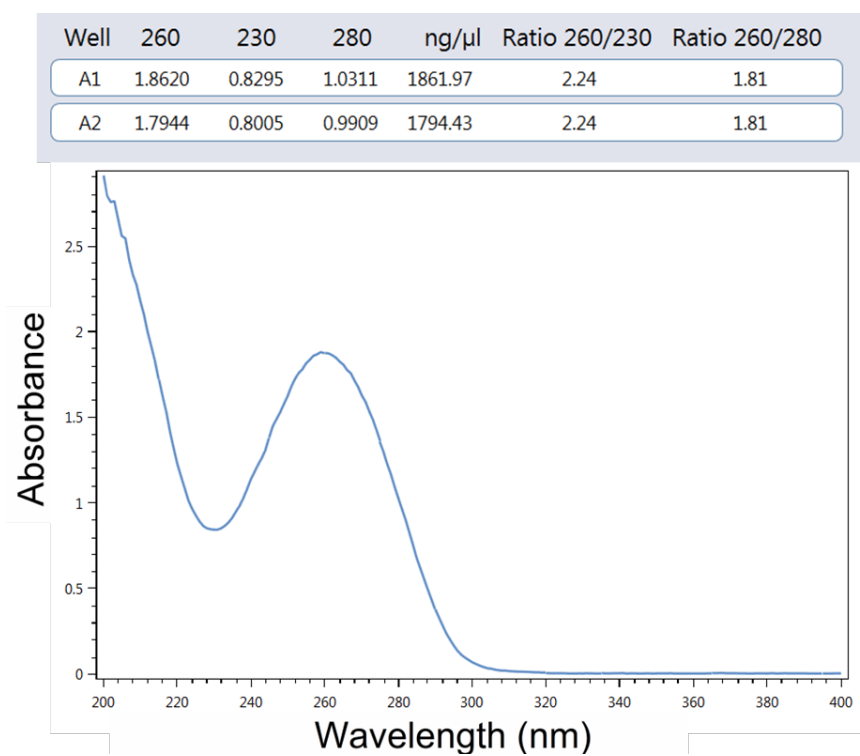


Figure S2. The UV-vis spectrum of purified dsDNA.

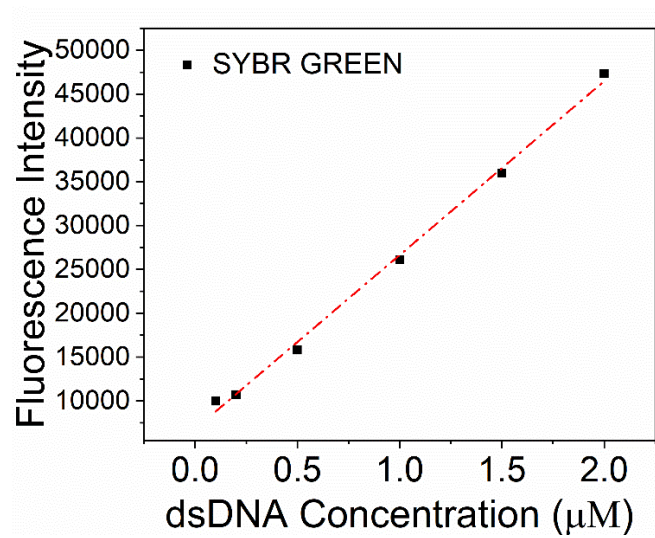


Figure S3. SGI-based calibration of dsDNA concentration.

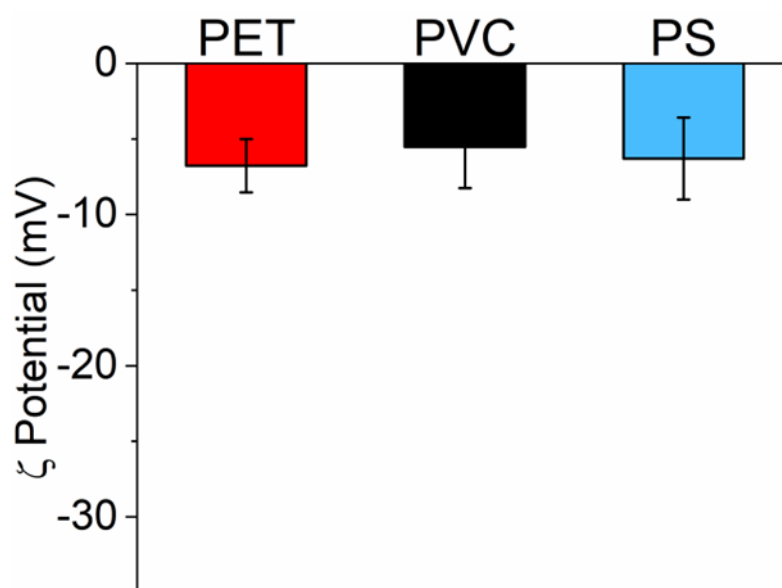


Figure S4. ζ-Potentials of 500 μg/mL of the microplastics in a buffer (10 mM HEPES, pH 7.6) in the presence of 1 mM Zn^{2+} . The presence of Zn^{2+} made the surface charges less negative (compare to Figure 2A of manuscript).