

**Text S2** Process for searching the levels of PFAS in compost, biosolids and wastewater.

Before May 10, 2025, we conducted a search in the Web of Science database via the keywords “compost” and “PFAS” to obtain the level of PFAS in compost. Additionally, the level of PFAS in biosolid and sewage via searching the keywords “biosolid”, “PFAS”, and “sewage”, “PFAS”, respectively. The following screening criteria were applied to standardize the subsequent analysis steps: (1) Exclusion of experiments that introduce additional PFAS to the samples. (2) Obtained the data of PFAS level in actual samples from searched article and convert the units to  $\mu\text{g/kg}$ . Finally, we separately retrieved 108, 332 and 1536 pieces of data to calculate PFAS in compost, biosolids and wastewater.