

Supplementary Information

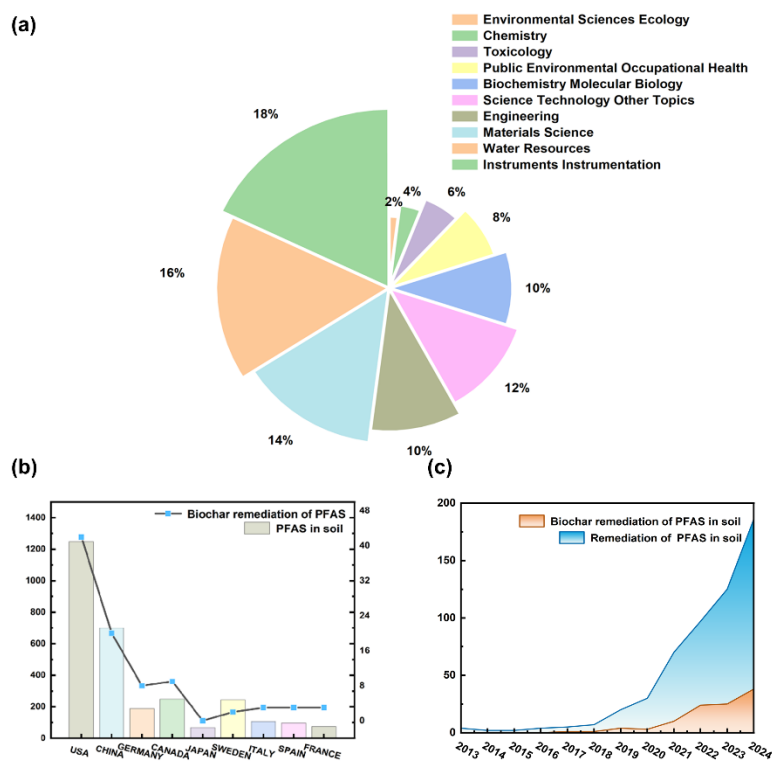


Fig. S1 Bibliometric Analysis (a) Distribution analysis of PFAS-related research fields in the WOS database from 2000 to 2024; (b) Comparison of the number of publications on PFAS in soil and biochar-based PFAS remediation research across countries in the WOS database from 2000 to 2024; (c) Analysis of the trend in the number of publications on PFAS remediation in soil and biochar-based PFAS remediation research in soil in the WOS database from 2000 to 2024 (unit: number of papers).