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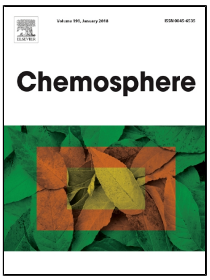

Source apportionment of heavy metals in agricultural soil based on PMF: A case study in Hexi Corridor, northwest China

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Highlights

> PCA and kriging interpolation introduced natural and anthropogenic sources. **>** Ni was the most potential for human health in Hexi Corridor farmland. **>** Using PMF to analyze sources of heavy metals in northwestern China. **>** Three anthropogenic sources were identified and quantified by PMF.