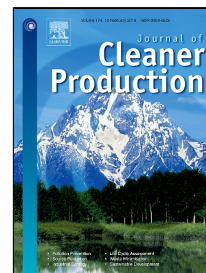


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Comparative study of PM₁₀/PM_{2.5}-bound PAHs in downtown Beijing, China: concentrations, sources, and health risks



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Highlights:

- 1 A comparative study of PM₁₀/PM_{2.5}-bound PAHs sources and health risks was conducted.
- 2 PM_{2.5}-bound PAHs health risks accounted for 80%-90% of the PM₁₀ related risks.
- 3 Gasoline, coal, and diesel combustions contributed most to particle-bound PAHs.
- 4 Temperature and solar radiation influenced PAHs concentrations significantly.

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