

## Accepted Manuscript

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## Original Research Article

**Carcinogenic and non-carcinogenic evaluations of heavy metals in protein foods from southwestern Nigeria**

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**Highlights**

- Levels of metals in food samples were measured highest in crayfish
- Copper was the highest observed metal in crayfish.
- The hazard quotient values of metals less than 1.0 showed no adverse-effects
- The hazard index data greater than 1.0 indicated unsafe nature of food samples
- The cancer risk values greater than  $10^{-4}$  in foods are dangerous to human health

**Abstract**

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