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Title: Effects of multiscale-mechanical grinding process on physicochemical properties of black tea particles and their water extracts

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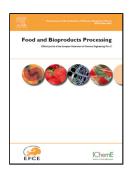
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## ACCEPTED MANUSCRIPT

Effects of multiscale-mechanical grinding process on physicochemical properties of black tea particles and their water extracts

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### **Highlights:**

- Grinding effects on microstructures, phytochemicals and antioxidation were compared.
- Microstructural changes by cell-scale grinding affected the diffusion of

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