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Research Article

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Balancing Mineral Resource Development and Food Security in Northwest Ghana

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Author(s): Abdul-Wadood Moomen*, Michela Bertolotto and Pierre Lacroix

Food security remains a pressing global challenge, particularly in emerging mining regions where the competition between agriculture and mining intensifies. Thus, the main objective of this study is to understand the potential spatial balances between mineral resource development and the food security situation in Northwest Ghana. Despite its agricultural dependence, ...

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Optimization and Quality Properties of Fried Snack from a Blend of Wheat, High-Quality Cassava Flours, and Defatted Cashew Nut Meal Extrudate

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Author(s): Jackson Vala, Ogori Akama Friday* and Dingari Jackson

Simple Centroid Mixture Design (SCMD) was used to formulate fourteen experimental runs and optimize some quality attributes of fried snacks. The independent variables were wheat flour (WF: 70-100%), high-quality cassava flour (HQCF: 0-30%), and defatted cashew nut flour (DCNF: 0-30%). The blends were extruded and fried. The texture and color properties, oil absorption ...

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Mini Review

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Application of Green Tea Extract in Food: A Mini Review

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Author(s): Asif Ahmad*, Zain Ul Iman, Muhammad Saad Asif and Abdus Samee

Green Tea is a popular beverage and a good source of bioactive compounds, in particular polyphenols. This mini-review talks about the application of green tea extract in the food industry because of its antioxidant, antimicrobial, and possible health-promoting properties. The review also talks about the composition and properties of green tea extract, its use as a nat ...

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