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Tea polyphenols dominate the short-term tea (*Camellia sinensis*) leaf litter decomposition

Key words: Tea polyphenols, Catechins, Decomposition, Nutrient release, Polyphenol/N ratio

Research summary

Main objective: Polyphenols are one of the most important secondary metabolites, and affect the decomposition of litter and soil organic matter (SOM). This study aims to monitor the mass loss rate of tea leaf litter and nutrient release pattern, and investigate the role of tea polyphenols played in this process.



