



Showcasing research from Professor Yue's laboratory,
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Hypoglycemic effect of *Nitraria tangutorum* fruit by
inhibiting glycosidase and regulating IRS1/PI3K/AKT
signalling pathway and its active ingredient identification by
UPLC-MS

Nitraria tangutorum (white thorn) is a wild plant with the
homology of medicine and food, and has high economic,
ecological, and medicinal value. There is a large distribution
of white thorn at the edge of the desert oasis in the Qaidam
Basin. It is preliminarily estimated that the entire Qaidam
Basin can produce 300 to 500 thousand tons of white thorn
fruits annually. The mature white thorn fruit is crystal clear,
red like pearls, and purple like agate, affectionately known as
the "Gaoyuan Red Pearl".

As featured in:



See Huilan Yue *et al.*, *Food Funct.*,
2023, 14, 7869.