

Planting *Astragalus membranaceus* under photovoltaic panels

Are astragaloside IV and Astragalus polysaccharide a suitable habitat for a membranaceus?

Similarly, the predictions of the herb quality (astragaloside IV and Astragalus polysaccharide) in the 2050s and 2090s indicated a migration trend consistent with that of the suitable habitats for *A. membranaceus* var. *mongholicus* species (Fig. S6A, B, C).

What is *Astragalus membranaceus* var. *mongholicus*?

Astragalus membranaceus var. *mongholicus* is a valuable bulk medicinal material in Northwest China. As the demand for this medicinal herb continues to increase in both domestic and international markets, ensuring the sustainable development of high-quality *Astragalus Radix* is important.

Which environmental factors influence the accumulation of astragaloside IV and Astragalus polysaccharide?

The results showed that the elevation, annual mean temperature, precipitation of wettest month, solar radiation in June, and mean temperature of warmest quarter were the critical environmental factors influencing the accumulation of astragaloside IV and Astragalus polysaccharide in *A. membranaceus* var. *mongholicus*.

How is the content of Astragalus polysaccharides determined?

The content of Astragalus polysaccharides was determined using the anthrone-sulfuric acid method. The concentrations of astragaloside IV and calycosin-7-glucoside in the samples were analysed using HPLC.

What are the dependent variables of astragaloside IV & Astragalus polysaccharide levels?

Astragaloside IV and Astragalus polysaccharide levels, derived from samples obtained in different regions, served as the dependent variables (Y_1 and Y_2 , respectively), with the ecological factors identified by the Maxent model as the independent variables (X_1, X_2, \dots, X_4).

What plants grow under photovoltaic panels?

Kavga A, Trypanagnostopoulos G, Zervoudakis G, Tripanagnostopoulos Y (2018) Growth and physiological characteristics of lettuce (*Lactuca sativa* L.) and rocket (*Eruca sativa* Mill.) plants cultivated under photovoltaic panels.

L'astragale, plus précisément la variété *Astragalus membranaceus*, est une plante très appréciée et fréquemment prescrite en médecine traditionnelle chinoise puis plus de 20 siècles avant ...

?? ???????????????, 2016 ????????????????????????????????? (Astragalus adsurgens) ?????, ?????????????? ...

Major Chemical Compounds and Mineral Elements of *Astragalus membranaceus* Cultivated on the Qinghai-Tibet Plateau with Different Planting Densities Lingling Wang, a, b Feng Xiong, c ...

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Astragalus membranaceus has important medicinal and ecological values, but with global changes, its growth is often negatively affected by abiotic stresses such as drought ...

Astragalus membranaceus is one of the most widely used traditional Chinese herbal medicines. It is used as immune stimulant, tonic, antioxidant, hepatoprotectant, diuretic, antidiabetic, ...

Le mot de notre Experte. L'"Astragale est une plante peu courante dans les jardins, mais qui mérite d"être plus souvent cultivée ! Elle offre une ravissante floraison, aux teintes douces, et ...

Plants are the main resources of food, medicinal compounds, cosmetics and fragrances. Some plants have health benefits and high safety, which can be classified as medicinal or food ...

Astragalus is a herb for more seasons than one cares to count. For centuries, people relied on practically all situations that required nutrition, healing, or decoration. It's the go-to plant if you're looking for alternative ...

Web: <https://www.nowoczesna-promocja.edu.pl>

