



INSTITUTE OF AGRICULTURAL RESOURCES  
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### Research Interests

- Soil nutrient
- Forage cultivation and management
- Forage breeding
- Improvement and cultivation of degraded grassland

### Publication

Soil inorganic nitrogen composition and plant functional type determine forage crops nitrogen uptake preference in the temperate cultivated grassland, Inner Mongolia, Soil Science and Plant Nutrition, 2019, DOI:10.1080/00380768.2019.1671777

Effects of Fence Enclosure on Vegetation Community Characteristics and Productivity of a Degraded Temperate Meadow Steppe in Northern China, Applied Sciences, 2020, DOI: 10.3390/app10082952

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**Managed grassland alters soil N dynamics and N<sub>2</sub>O emissions in Hulunber temperate steppe**, Journal of Environmental Sciences, 2018, DOI:10.1016/j.jes.2017.04.003

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**Coupling Mechanism of Herbage-Water-Nitrogen Fertilizer in Abandoned Farmland in Meadow Steppe(CN)** , Scientia Agricultura Sinica, 2020, DOI:10.3864/j.issn.0578-1752.2020.13.017

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**Effect of sowing density of Bromus inermis on soil microbial characteristics and enzyme activities(CN)** , Acta Prataculturae Sinica, 2018, DOI:10.11686/cyxb2017265

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**Alfalfa in Inner Mongolia**, Beijing/Agricultural Science and Technology Press, 2018, ISBN:978-7-5116-3682-9

**Planting techniques of Alfalfa in northern China**, Shanghai Science and Technology Press, 2021, ISBN:978-7-5478-2975-2/S· 190

**Cultivation techniques of forage oat in North China**, Shanghai Science and Technology Press, 2021, ISBN: 978-7-5478-5137-1