



INSTITUTE OF AGRICULTURAL RESOURCES  
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### Research Interests

- **New fertilizer development and industrialization**
- **Fertilization systems for sustainable agriculture**
- **Fertility and biology of soils**

### Publication

**Soil labile organic carbon fractions and soil organic carbon stocks as affected by long-term organic and mineral fertilization regimes in the North China Plain**, Soil and Tillage Research, 2018, DOI: 10.1016/j.still.2017.08.008

**Characterization of pH-fractionated humic acids derived from Chinese weathered coal**, Chemosphere, 2017, DOI: 10.1016/j.chemosphere.2016.09.095

**Long-term fertilization effects on processing quality of wheat grain in the North China Plain**, Field Crops Research, 2015, DOI: 10.1016/j.fcr.2015.01.008

**Soil microbial community structure and function are significantly affected by long-term organic and mineral fertilization regimes in the North China Plain**, Applied Soil Ecology, 2015, DOI: 10.1016/j.apsoil.2015.07.001

**Results from long-term fertilizer experiments in China: The risk of groundwater pollution by**



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**nitrate**, NJAS-Wageningen Journal of Life Sciences, 2011, DOI: 10.1016/j.njas.2011.09.004

**Long-term fertilizer experiment network in China: Crop yields and soil nutrient trends**, Agronomy Journal, 2010, DOI: 10.2134/agronj2009.0182

**Overview of value-added fertilizer(CN)**, Beijing/China Agricultural Science and Technology Press, 2020, ISBN: 978-7-5116-5070-2

**Agronomic formula division for crop-specialized compound and mixed fertilizers in China(CN)**, Beijing/China Agriculture Press Co., Ltd, 2015, ISBN: 978-7-109-21294-7

**New fertilizers(CN)**, Beijing/China Science Publishing & Media Ltd, 2013, ISBN: 978-7-03-038832-2

**Fertilization systems and land use sustainability(CN)**, Beijing/China Science Publishing & Media Ltd, 2012, ISBN: 978-7-03-035764-9