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Research Interests

- **Remote sensing of agricultural environment**
- **Remote sensing evaluation of agricultural resources**
- **Remote sensing algorithm**

Publication

Crop classification based on a novel feature filtering and enhancement method,Remote Sensing,2019, DOI:10.3390/rs11040455

Maize yield monitoring in Southern Heilongjiang based on SWAP model assimilative remote sensing data(CN),Transactions of the Chinese Society of Agricultural Engineering,2019, DOI:10.11975/j.issn.1002-6819.2019.22.034

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Remote sensing index selection of leaf blight disease in spring maize based on hyperspectral data,Transactions of the Chinese Society of Agricultural Engineering, 2017,DOI:10.11975/j.issn.1002-6819.2017.05.025

Inversion of photosynthetically active radiation based on GF-1 image by dark object method(CN), Transactions of the Chinese Society of Agricultural Engineering, 2016, DOI: 10.11975/j.issn.1002-6819.2016.22.025

Remote sensing monitoring winter wheat area based on weighted NDVI index(CN), Transactions of the Chinese Society of Agricultural Engineering ,2016, DOI: 10.11975/j.issn.1002-6819.2016.17.018

Study on Remote Sensing Monitoring of Winter Wheat Stripe Rust(CN), Beijing/China Agricultural Science and Technology Press,2019,ISBN978-7-5116-4154-0

Research on Remote Sensing Monitoring of Agricultural Disasters in China(CN), Beijing/China Agricultural Science and Technology Press,2017,ISBN:978-7-5116-2852-7

Principle and practice of remote sensing monitoring of crop area(CN), Beijing/Science Press,2017,ISBN:978-7-03-051062-4

Research on Treatment of Nitrate Pollution in Groundwater(CN),Beijing/China Agricultural Science and Technology Press,2014,ISBN:978-7-5116-1939-6