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Research Interests

- **Crop classification and mapping**
- **Crop growth monitoring**

Publication

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

Requirement of revisiting period, spatial resolution and spectrum of satellite for grain-soybean rotations monitoring(CN), Transactions of the Chinese Society of Agricultural Engineering, 2018, DOI:10.11975/j.issn.1002-6819.2018.07.021

Ningxia rice area remote sensing estimation on large scale based on multi-temporal OLI data(CN), Transactions of the Chinese Society of Agricultural Engineering, 2017, DOI:10.11975/j.issn.1002-6819.2017.15.026

Impact of red-edge waveband of RapidEye satellite on estimation accuracy of crop planting area (CN), Transactions of the Chinese Society of Agricultural Engineering, 2016, DOI: 10.11975/j.issn.1002-6819.2016.13.020

Crop area ground sample survey using Google Earth image-aided(CN), Transactions of the Chinese Society of Agricultural Engineering, 2015, DOI: 10.11975/j.issn.1002-6819.2015.24.023

Geometric correction of GF-1 satellite images based on block adjustment of rational polynomial model(CN), Transactions of the Chinese Society of Agricultural Engineering, 2015, DOI: 10.11975/j.issn.1002-6819.2015.22.020

Study on Remote Sensing Monitoring of Winter Wheat Stripe Rust(CN), Beijing/China Agricultural Science and Technology Press, 2019, ISBN: 978-7-5116-4154-0

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

Wheat Mapping using high resolution remote sensing data, Beijing/China Agricultural Science and Technology Press, 2015, ISBN:978-7-03-045380-8