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Research Interests

• **Crop growth remote sensing monitoring**

• **Cropland cover change remote sensing monitoring**

• **Crop growth modeling**

Publication

Aerosol variation and its effect on winter wheat productivity during the COVID-19 (CN), Chinese Journal of Eco-Agriculture , 2021, DOI:10.13930/j.cnki.cjea.200717

Spatial and temporal variation characteristics of PM2.5 and its relationship with vegetation fraction in Henan Province(CN), Ecology and Environmental Sciences , 2019, DOI:10.16258/j.cnki.1674-5906.2019.11.015

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Spatio-temporal evolution of traditional soybean planting structure in Songnen Plain, China in 1996-2016(CN), Chinese Journal of Applied Ecology, 2018, DOI:10.13287/j.1001-9332.201810.011

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Analysis of Soybean Growth Condition Based on MODIS-NDVI Data in Brazil of2017(CN), China Science & Technology Resources Review, 2017, DOI:10.3772/j.issn.1674-1544.2017.06.009

Evolution of urban heat island effect and its relationship with land use change in Wuhan city in recent 10 years(CN), Resources and Environment in the Yangtze Basin, 2017, DOI:10.11870/cjlyzyyhj201709019

Effects of meteorological factors on different grades of winter wheat growth in the Huang-Huai-Hai Plain, China, Journal of Integrative Agriculture, 2016, DOI:10.1016/S2095-3119(16)61464-8

Remote Sensing Based Dynamic Changes Analysis of Crop Distribution Pattern ─ Taking Northeast China as an Example(CN), Scientia Agricultura Sinica , 2013, DOI: 10.3864/j.issn.0578-1752.2013.13.005

Extraction of planting areas of major crops and crop growth monitoring in Northeast China, Intelligent Automation and Soft Computing, 2012, DOI:10.1080/10798587.2008.10643307