



INSTITUTE OF AGRICULTURAL RESOURCES  
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### Research Interests

- Comprehensive utilization and management of agricultural waste
- Rural renewable energy
- Regional development of agriculture
- Utilization and management of straw resources

### Publication

**The assessment and utilization of straw resources in China**, Journal of Integrative Agriculture, 2010, DOI: 10.1016/S1671-2927(09)60279-0

**Quantitative estimation method and its application to rice, wheat and corn straw residues left in field(CN)**, Transactions of the Chinese Society of Agricultural Engineering, 2015, DOI: 10.11975/j.issn.1002-6819.2015.13.034

**Straw resources and its utilization in China from the prospective of agricultural supply-side structural reform(CN)**, Chinese Journal of Agricultural Resources and Regional Planning, 2017, DOI: 10.7621/cjarrp.1005-9121.20170603

**Research progress and prospect on heat insulation and temperature increasing technology for biogas project in winter of Northern China(CN)**, China Biogas, 2017



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**A summarization of the national regulation on crop straw utilization and burning prohibition and the corresponding legislative proposals(CN)**, Chinese Journal of Agricultural Resources and Regional Planning, 2019, DOI: 10.7621/cjarrp.1005-9121.20190801

**Research on the present situation and corresponding strategies of off-field straw collection and comprehensive utilization in China(CN)**, Chinese Journal of Agricultural Resources and Regional Planning, 2019, DOI: 10.7621/cjarrp.1005-9121.20190901

**Crop straw utilization and field burning in Northern region of Ghana**, Journal of Cleaner Production, 2020, DOI: 10.1016/j.jclepro.2020.121191

**Estimation and suitability evaluation of cotton stalk resources in China. China Population(CN)**, China Population, Resources and Environment, 2015, DOI: 10.3969/j.issn.1002-2104.2015.06.022

**Life cycle assessment and emergy analysis on biogas energy(CN)**, Chinese Journal of Agricultural Resources and Regional Planning, 2017, DOI: 10.7621/cjarrp.1005-9121.20140203

**Empirical and simulation analysis on economic feasibility of straw biogas projects for central supply(CN)**, China Biogas, 2014

**National regulations and policies: Comprehensive utilization of crop stalks and management of banning burning(CN)**, Beijing/China agricultural science and technology Publishing & Media Ltd. 2019, ISBN: 978-7-5116-3926-4

**Experience and inspiration: A research on crop straw burning and comprehensive utilization in developed countries(CN)**, Beijing/China agricultural science and technology Publishing & Media Ltd. 2017, ISBN:978-7-5116-3330-9

**Innovation and development of the efficient ecological agriculture in the National modern agriculture demonstration zone(CN)**, Beijing/China agricultural science and technology Publishing & Media Ltd. 2016, ISBN: 978-7-5116-2810-7

**Comprehensive utilization management of agricultural waste resources(CN)**, Beijing/China Chemical industry Publishing & Media Ltd. 2015, ISBN: 978-7-122-24228-8

**100 questions about comprehensive utilization of straw(CN)**, Beijing/China agricultural Publishing & Media Ltd. 2009, ISBN: 978-7-109-13292-4

**Interpretation of straw comprehensive utilization policy in China(CN)**, Beijing/China agricultural Publishing & Media Ltd. 2019, ISBN: 978-7-109-26366-6

**Fertilizer utilization technology of crop straw(CN)**, Beijing/China agricultural Publishing & Media Ltd. 2020, ISBN: 978-7-109-24913-4



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**Evaluation and utilization of straw resources in China(CN)**, Beijing/China agricultural science and  
technology Publishing & Media Ltd. 2008, ISBN: 978-7-8023-3611-7