

Wushuai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

447
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of controlled release urea on maize productivity and reactive nitrogen losses: A meta-analysis. <i>Environmental Pollution</i> , 2019, 246, 559-565.	7.5	120
2	Nitrous oxide emissions in Chinese vegetable systems: A meta-analysis. <i>Environmental Pollution</i> , 2018, 239, 375-383.	7.5	88
3	Integrated assessment of agronomic, environmental and ecosystem economic benefits of blending use of controlled-release and common urea in wheat production. <i>Journal of Cleaner Production</i> , 2021, 287, 125572.	9.3	52
4	Carbon footprint assessment for irrigated and rainfed maize (<i>Zea mays</i> L.) production on the Loess Plateau of China. <i>Biosystems Engineering</i> , 2018, 167, 75-86.	4.3	44
5	Global direct nitrous oxide emissions from the bioenergy crop sugarcane (<i>Saccharum</i> spp.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	8.0	30
6	Increasing farm size to improve energy use efficiency and sustainability in maize production. <i>Food and Energy Security</i> , 2021, 10, e271.	4.3	30
7	Agronomic, environmental, and ecosystem economic benefits of controlled-release nitrogen fertilizers for maize production in Southwest China. <i>Journal of Cleaner Production</i> , 2021, 312, 127611.	9.3	26
8	Environmental, human health, and ecosystem economic performance of long-term optimizing nitrogen management for wheat production. <i>Journal of Cleaner Production</i> , 2021, 311, 127620.	9.3	22
9	Combing public-private partnership and large-scale farming increased net ecosystem carbon budget and reduced carbon footprint of maize production. <i>Resources, Conservation and Recycling</i> , 2022, 184, 106411.	10.8	11
10	Carbon footprint of maize production in tropical/subtropical region: a case study of Southwest China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 28680-28691.	5.3	10
11	Nitrogen leaching and grey water footprint affected by nitrogen fertilization rate in maize production: a case study of Southwest China. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6064-6073.	3.5	7
12	Public-private partnership model for intensive maize production in China: A synergistic strategy for food security and ecosystem economic budget. <i>Food and Energy Security</i> , 2021, 10, e317.	4.3	5
13	Spatio-temporal assessment of greenhouse gas emission from rapeseed production in China by coupling nutrient flows model with <sc>LCA</sc> approach. <i>Food and Energy Security</i> , 0, , .	4.3	2