Xiaobo Gu

List of Publications by Year
in descending order

16	305	949033 11	1051228 16
papers	citations	h-index	g-index

16	16	16	146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of residual film on maize root distribution, yield and water use efficiency in Northwest China. Agricultural Water Management, 2022, 260, 107289.	2.4	13
2	Optimizing the impact of film mulching pattern and nitrogen application rate on maize production, gaseous N emissions, and utilization of water and nitrogen in northwest China. Agricultural Water Management, 2022, 261, 107350.	2.4	18
3	Root characteristics, utilization of water and nitrogen, and yield of maize under biodegradable film mulching and nitrogen application. Agricultural Water Management, 2022, 262, 107392.	2.4	11
4	Effects of soil preparation and mulching practices together with different urea applications on the water and nitrogen use of winter wheat in semi-humid and drought-prone areas. Agricultural Water Management, 2022, 263, 107484.	2.4	5
5	The effect of sourceâ€“sink on yield and water use of winter wheat under ridge-furrow with film mulching and nitrogen fertilization. Agricultural Water Management, 2022, 267, 107616.	2.4	16
6	Can ridge-furrow with film and straw mulching improve wheat-maize system productivity and maintain soil fertility on the Loess Plateau of China?. Agricultural Water Management, 2021, 246, 106686.	2.4	30
7	Evapotranspiration partitioning, water use efficiency, and maize yield under different film mulching and nitrogen application in northwest China. Field Crops Research, 2021, 264, 108103.	2.3	39
8	Ridge-furrow film mulching improves water and nitrogen use efficiencies under reduced irrigation and nitrogen applications in wheat field. Field Crops Research, 2021, 270, 108214.	2.3	29
9	Effects of different ridge-furrow mulching systems on yield and water use efficiency of summer maize in the Loess Plateau of China. Journal of Arid Land, 2021, 13, 947-961.	0.9	3
10	The Study of Drought in Future Climate Scenarios in the Huang-Huai-Hai Region. Water (Switzerland), 2021, 13, 3474.	1.2	2
11	Effect of Plastic Film Residue on Vertical Infiltration Under Different Initial Soil Moisture Contents and Dry Bulk Densities. Water (Switzerland), 2020, 12, 1346.	1.2	12
12	An optimized model for simulating grain-filling of maize and regulating nitrogen application rates under different film mulching and nitrogen fertilizer regimes on the Loess Plateau, China. Soil and Tillage Research, 2020, 199, 104546.	2.6	30
13	Effects of degradable film mulching on crop yield and water use efficiency in China: A meta-analysis. Soil and Tillage Research, 2020, 202, 104676.	2.6	29
14	Ridge-furrow full film mulching: An adaptive management strategy to reduce irrigation of dryland winter rapeseed (Brassica napus L.) in northwest China. Agricultural and Forest Meteorology, 2019, 266-267, 119-128.	1.9	27
15	Film-mulched continuous ridge-furrow planting improves soil temperature, nutrient content and enzymatic activity in a winter oilseed rape field, Northwest China. Journal of Arid Land, 2018, 10, 362-374.	0.9	14
16	Effects of Nitrogen on Soil Microbial Abundance, Enzyme Activity, and Nitrogen Use Efficiency in Greenhouse Celery under Aerated Irrigation. Soil Science Society of America Journal, 2018, 82, 606-613.	1.2	27