Hao Liang

List of Publications by Year
in descending order

19 papers	439 citations	759233 12 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	464 citing authors

#	Article	IF	Citations
1	Global benefits of nonâ€continuous flooding to reduce greenhouse gases and irrigation water use without rice yield penalty. Global Change Biology, 2022, 28, 3636-3650.	9.5	23
2	Is rice field a nitrogen source or sink for the environment?. Environmental Pollution, 2021, 283, 117122.	7.5	11
3	Comparison of Water- and Nitrogen-Use Efficiency over Drip Irrigation with Border Irrigation Based on a Model Approach. Agronomy, 2020, 10, 1890.	3.0	10
4	Soil Water and Nitrogen Fluxes in Response to Climate Change in a Wheatâ€“Maize Double Cropping System. Agronomy, 2020, 10, 786.	3.0	3
5	Global sensitivity and uncertainty analysis of the dynamic simulation of crop N uptake by using various N dilution curve approaches. European Journal of Agronomy, 2020, 116, 126044.	4.1	6
6	Incorporating the WHCNS model to assess water and nitrogen footprint of alternative cropping systems for grain production in the North China Plain. Journal of Cleaner Production, 2020, 263, 121548.	9.3	17
7	The influence of manure feedstock, slow pyrolysis, and hydrothermal temperature on manure thermochemical and combustion properties. Waste Management, 2019, 88, 85-95.	7.4	66
8	Modeling Water and Nitrogen Balance of Different Cropping Systems in the North China Plain. Agronomy, 2019, 9, 696.	3.0	18
9	Modelling groundwater level dynamics under different cropping systems and developing groundwater neutral systems in the North China Plain. Agricultural Water Management, 2019, 213, 732-741.	5.6	35
10	Ground cover rice production system reduces water consumption and nitrogen loss and increases water and nitrogen use efficiencies. Field Crops Research, 2019, 233, 70-79.	5.1	29
11	Production of F0 mice from embryonic stem cells injected eight-cell stage embryos which stored at refrigeration temperature. Cryobiology, 2019, 86, 89-94.	0.7	0
12	Identification of antibiotic mycelia residue in protein rich feed using on near-infrared microscopy imaging. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 818-827.	2.3	2
13	Modelling subsurface drainage and nitrogen losses from artificially drained cropland using coupled DRAINMOD and WHCNS models. Agricultural Water Management, 2018, 195, 201-210.	5.6	21
14	Modeling nitrogen leaching in a spring maize system under changing climate and genotype scenarios in arid Inner Mongolia, China. Agricultural Water Management, 2018, 210, 316-323.	5.6	15
15	Global sensitivity and uncertainty analysis of nitrate leaching and crop yield simulation under different water and nitrogen management practices. Computers and Electronics in Agriculture, 2017, 142, 201-210.	7.7	36
16	Modelling the effect of mulching on soil heat transfer, water movement and crop growth for ground cover rice production system. Field Crops Research, 2017, 201, 97-107.	5.1	45
17	A phenome database (NEAUHLFPD) designed and constructed for broiler lines divergently selected for abdominal fat content. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2017, 39, 430-437.	0.2	0
18	An integrated soil-crop system model for water and nitrogen management in North China. Scientific Reports, 2016, 6, 25755.	3.3	74

#	Article	IF	Citations
19	Can nitrate contaminated groundwater be remediated by optimizing flood irrigation rate with high nitrate water in a desert oasis using the WHCNS model?. Journal of Environmental Management, 2016, 181, 16-25.	7.8	28