

Hao Liang

List of Publications by Year in descending order

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Version: 2024-02-01

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 | An integrated soil-crop system model for water and nitrogen management in North China. Scientific Reports, 2016, 6, 25755. | 3.3 | 74 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Global benefits of non-continuous flooding to reduce greenhouse gases and irrigation water use without rice yield penalty. Global Change Biology, 2022, 28, 3636-3650. | 9.5 | 23 |
| 9 | 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 |
| 10 | Modeling Water and Nitrogen Balance of Different Cropping Systems in the North China Plain. Agronomy, 2019, 9, 696. | 3.0 | 18 |
| 11 | 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 |
| 12 | 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 |
| 13 | Is rice field a nitrogen source or sink for the environment?. Environmental Pollution, 2021, 283, 117122. | 7.5 | 11 |
| 14 | 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 |
| 15 | 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 |
| 16 | Soil Water and Nitrogen Fluxes in Response to Climate Change in a Wheat-Maize Double Cropping System. Agronomy, 2020, 10, 786. | 3.0 | 3 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |