# Yi Liu

List of Publications by Year
in descending order



| 24 | 926 | 471509 17 | 610901 24 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 25 | 25 | 25 | 1005 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Aquatic macrophytes mitigate the short-term negative effects of silver nanoparticles on denitrification and greenhouse gas emissions in riparian soils. Environmental Pollution, 2022, 293, 118611. | 7.5 | 6 |
| 2 | Impacts of nitrogen practices on yield, grain quality, and nitrogenâ€use efficiency of crops and soil fertility in three paddyâ€upland cropping systems. Journal of the Science of Food and Agriculture, 2021, 101, 2218-2226. | 3.5 | 15 |
| 3 | Microplastic contamination is ubiquitous in riparian soils and strongly related to elevation, precipitation and population density. Journal of Hazardous Materials, 2021, 411, 125178. | 12.4 | 107 |
| 4 | K fertilizer alleviates N2O emissions by regulating the abundance of nitrifying and denitrifying microbial communities in the soil-plant system. Journal of Environmental Management, 2021, 291, 112579. | 7.8 | 15 |
| 5 | Phosphorus spatial distribution and pollution risk assessment in agricultural soil around the Danjiangkou reservoir, China. Science of the Total Environment, 2020, 699, 134417. | 8.0 | 43 |
| 6 | Climate change and environmental impacts on and adaptation strategies for production in wheat-rice rotations in southern China. Agricultural and Forest Meteorology, 2020, 292-293, 108136. | 4.8 | 16 |
| 7 | Rhizosphere effects promote soil aggregate stability and associated organic carbon sequestration in rocky areas of desertification. Agriculture, Ecosystems and Environment, 2020, 304, 107126. | 5.3 | 64 |
| 8 | N2O emissions and product ratios of nitrification and denitrification are altered by K fertilizer in acidic agricultural soils. Environmental Pollution, 2020, 265, 115065. | 7.5 | 21 |
| 9 | Soil organic carbon distribution in relation to terrain & land useâ€"a case study in a small watershed of Danjiangkou reservoir area, China. Global Ecology and Conservation, 2019, 20, e00731. | 2.1 | 7 |
| 10 | Soil C and N dynamics and hydrological processes in a maize-wheat rotation field subjected to different tillage and straw management practices. Agriculture, Ecosystems and Environment, 2019, 285, 106616. | 5.3 | 31 |
| 11 | Interactions between N, P and K fertilizers affect the environment and the yield and quality of satsumas. Global Ecology and Conservation, 2019, 19, e00663. | 2.1 | 66 |
| 12 | Modelling field scale spatial variation in water run-off, soil moisture, N2O emissions and herbage biomass of a grazed pasture using the SPACSYS model. Geoderma, 2018, 315, 49-58. | 5.1 | 21 |
| 13 | Stable isotope fractionation provides information on carbon dynamics in soil aggregates subjected to different long-term fertilization practices. Soil and Tillage Research, 2018, 177, 54-60. | 5.6 | 35 |
| 14 | Soil aggregate-associated heavy metals subjected to different types of land use in subtropical China. Global Ecology and Conservation, 2018, 16, e00465. | 2.1 | 20 |
| 15 | Soil aggregate-associated distribution of DDTs and HCHs in farmland and bareland soils in the Danjiangkou Reservoir Area of China. Environmental Pollution, 2018, 243, 734-742. | 7.5 | 21 |
| 16 | Application of Controlled-Release Urea Enhances Grain Yield and Nitrogen Use Efficiency in Irrigated Rice in the Yangtze River Basin, China. Frontiers in Plant Science, 2018, 9, 999. | 3.6 | 47 |
| 17 | Soil aggregate-associated organic carbon dynamics subjected to different types of land use: Evidence from 13C natural abundance. Ecological Engineering, 2018, 122, 295-302. | 3.6 | 40 |
| 18 | The benefic effect induced by biochar on soil erosion and nutrient loss of slopping land under natural rainfall conditions in central China. Agricultural Water Management, 2017, 185, 145-150. | 5.6 | 86 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Assessment of soil water, carbon and nitrogen cycling in reseeded grassland on the North Wyke Farm Platform using a process-based model. Science of the Total Environment, 2017, 603-604, 27-37. | 8.0 | 21 |
| 20 | Response of greenhouse gas emissions from three types of wetland soils to simulated temperature change on the Qinghai-Tibetan Plateau. Atmospheric Environment, 2017, 171, 17-24. | 4.1 | 31 |
| 21 | Soil CO<sub>2</sub> Emissions and Drivers in Riceâ€“Wheat Rotation Fields Subjected to Different Longâ€Term Fertilization Practices. Clean - Soil, Air, Water, 2016, 44, 867-876. | 1.1 | 13 |
| 22 | Dynamic Changes of Soil Surface Organic Carbon under Different Mulching Practices in Citrus Orchards on Sloping Land. PLoS ONE, 2016, 11, e0168384. | 2.5 | 42 |
| 23 | Carbon Dioxide Flux from Rice Paddy Soils in Central China: Effects of Intermittent Flooding and Draining Cycles. PLoS ONE, 2013, 8, e56562. | 2.5 | 45 |
| 24 | Soil water dynamics and water use efficiency in spring maize (Zea mays L.) fields subjected to different water management practices on the Loess Plateau, China. Agricultural Water Management, 2010, 97, 769-775. | 5.6 | 113 |