Zhiyuan Yao

List of Publications by Year
in descending order

11	222	1305906 8	1427216 11
papers	citations	h-index	g-index

11	11	11	225
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Post-flowering nitrogen uptake leads to the genotypic variation in seed nitrogen accumulation of oilseed rape. Plant and Soil, 2021, 461, 281-294.	1.8	7
2	Genotypic variation in nitrogen utilization efficiency in oilseed rape is related to the coordination of leaf senescence and root N uptake during reproductive stage. Plant and Soil, 2021, 463, 291-306.	1.8	7
3	Leguminous green manure enhances the soil organic nitrogen pool of cropland via disproportionate increase of nitrogen in particulate organic matter fractions. Catena, 2021, 207, 105574.	2.2	11
4	Enhanced Stabilization of Soil Organic Carbon by Growing Leguminous Green Manure on the Loess Plateau of China. Soil Science Society of America Journal, 2019, 83, 1722-1732.	1.2	14
5	Nitrogen use-inefficient oilseed rape genotypes exhibit stronger growth potency during the vegetative growth stage. Acta Physiologiae Plantarum, 2019, 41, 1.	1.0	7
6	Improving soil aggregation, aggregateâ€associated C and N, and enzyme activities by green manure crops in the Loess Plateau of China. European Journal of Soil Science, 2019, 70, 1267-1279.	1.8	30
7	Dynamics and Sequestration Potential of Soil Organic Carbon and Total Nitrogen Stocks of Leguminous Green Manure-Based Cropping Systems on the Loess Plateau of China. Soil and Tillage Research, 2019, 191, 108-116.	2.6	37
8	Optimizing the synthetic nitrogen rate to balance residual nitrate and crop yield in a leguminous green-manured wheat cropping system. Science of the Total Environment, 2018, 631-632, 1234-1242.	3.9	24
9	Screen for sustainable cropping systems in the rain-fed area on the Loess Plateau of China. Soil and Tillage Research, 2018, 176, 26-35.	2.6	11
10	Coupling life-cycle assessment and the RothC model to estimate the carbon footprint of green manure-based wheat production in China. Science of the Total Environment, 2017, 607-608, 433-442.	3.9	35
11	Genotypic Variation in Nitrogen Utilization Efficiency of Oilseed Rape (Brassica napus) Under Contrasting N Supply in Pot and Field Experiments. Frontiers in Plant Science, 2017, 8, 1825.	1.7	39