

Yuan Li

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

756
citations

687220

13
h-index

940416

16
g-index

20
all docs

20
docs citations

20
times ranked

671
citing authors

#	ARTICLE	IF	CITATIONS
1	Residue retention and minimum tillage improve physical environment of the soil in croplands: A global meta-analysis. <i>Soil and Tillage Research</i> , 2019, 194, 104292.	2.6	123
2	Conservation agriculture practices increase soil microbial biomass carbon and nitrogen in agricultural soils: A global meta-analysis. <i>Soil Biology and Biochemistry</i> , 2018, 121, 50-58.	4.2	121
3	Liming effects on soil pH and crop yield depend on lime material type, application method and rate, and crop species: a global meta-analysis. <i>Journal of Soils and Sediments</i> , 2019, 19, 1393-1406.	1.5	96
4	Residue retention promotes soil carbon accumulation in minimum tillage systems: Implications for conservation agriculture. <i>Science of the Total Environment</i> , 2020, 740, 140147.	3.9	64
5	Microbial-derived carbon components are critical for enhancing soil organic carbon in no-tillage croplands: A global perspective. <i>Soil and Tillage Research</i> , 2021, 205, 104758.	2.6	57
6	Minimum tillage and residue retention increase soil microbial population size and diversity: Implications for conservation tillage. <i>Science of the Total Environment</i> , 2020, 716, 137164.	3.9	50
7	Trade-off between soil pH, bulk density and other soil physical properties under global no-tillage agriculture. <i>Geoderma</i> , 2020, 361, 114099.	2.3	47
8	A global synthesis of the effect of water and nitrogen input on maize (<i>Zea mays</i>) yield, water productivity and nitrogen use efficiency. <i>Agricultural and Forest Meteorology</i> , 2019, 268, 136-145.	1.9	43
9	Soil extracellular enzyme activities under long-term fertilization management in the croplands of China: a meta-analysis. <i>Nutrient Cycling in Agroecosystems</i> , 2019, 114, 125-138.	1.1	35
10	Factors shaping soil organic carbon stocks in grass covered orchards across China: A meta-analysis. <i>Science of the Total Environment</i> , 2022, 807, 150632.	3.9	29
11	Mixed plantations enhance more soil organic carbon stocks than monocultures across China: Implication for optimizing afforestation/reforestation strategies. <i>Science of the Total Environment</i> , 2022, 821, 153449.	3.9	16
12	Determining effects of water and nitrogen inputs on wheat yield and water productivity and nitrogen use efficiency in China: A quantitative synthesis. <i>Agricultural Water Management</i> , 2020, 242, 106397.	2.4	15
13	Emissions of nitrous oxide, dinitrogen and carbon dioxide from three soils amended with carbon substrates under varying soil matric potentials. <i>European Journal of Soil Science</i> , 2021, 72, 2261-2275.	1.8	15
14	Designing productive, energy-efficient, and environmentally friendly production systems by replacing fallow period with annual forage cultivation on the Loess Plateau of China. <i>Journal of Cleaner Production</i> , 2021, 320, 128660.	4.6	14
15	Determining effects of water and nitrogen input on maize (<i>Zea mays</i>) yield, water- and nitrogen-use efficiency: A global synthesis. <i>Scientific Reports</i> , 2020, 10, 9699.	1.6	13
16	Optimizing Wheat Yield, Water, and Nitrogen Use Efficiency With Water and Nitrogen Inputs in China: A Synthesis and Life Cycle Assessment. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	12
17	Net ecosystem carbon exchange for Bermuda grass growing in mesocosms as affected by irrigation frequency. <i>Pedosphere</i> , 2022, 32, 393-401.	2.1	5
18	Nitrogen Addition Affects Nitrous Oxide Emissions of Rainfed Lucerne Grassland. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7789.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Freezing and thawing cycles affect nitrous oxide emissions in rain-fed lucerne (<i>Medicago Tj	ETQq1 1 0.784314	ggBT /Overlock 10