

Tang-Yuan Ning

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

792
citations

567281

15
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling effects of urea types and subsoiling on nitrogen-water use and yield of different varieties of maize in northern China. <i>Field Crops Research</i> , 2013, 142, 85-94.	5.1	82
2	Interaction of deep placed controlled-release urea and water retention agent on nitrogen and water use and maize yield. <i>European Journal of Agronomy</i> , 2016, 75, 118-129.	4.1	79
3	Shifts in microbial community and carbon sequestration in farmland soil under long-term conservation tillage and straw returning. <i>Applied Soil Ecology</i> , 2019, 136, 43-54.	4.3	78
4	Crop yield and soil carbon responses to tillage method changes in North China. <i>Soil and Tillage Research</i> , 2016, 163, 207-213.	5.6	71
5	Suitability of mulching with biodegradable film to moderate soil temperature and moisture and to increase photosynthesis and yield in peanut. <i>Agricultural Water Management</i> , 2018, 208, 214-223.	5.6	61
6	Genetic dissection of wheat panicle traits using linkage analysis and a genome-wide association study. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1073-1090.	3.6	42
7	Responses of photosynthesis, chlorophyll fluorescence, and grain yield of maize to controlled-release urea and irrigation after anthesis. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 595-602.	1.9	41
8	Nitrogen fixation and crop productivity enhancements co-driven by intercrop root exudates and key rhizosphere bacteria. <i>Journal of Applied Ecology</i> , 2021, 58, 2243-2255.	4.0	35
9	Responses of soil carbon, nitrogen, and wheat and maize productivity to 10 years of decreased nitrogen fertilizer under contrasting tillage systems. <i>Soil and Tillage Research</i> , 2020, 196, 104444.	5.6	33
10	Abscisic acid and aldehyde oxidase activity in maize ear leaf and grain relative to post-flowering photosynthetic capacity and grain-filling rate under different water/nitrogen treatments. <i>Plant Physiology and Biochemistry</i> , 2013, 70, 69-80.	5.8	26
11	Continued No-Till and Subsoiling Improved Soil Organic Carbon and Soil Aggregation Levels. <i>Agronomy Journal</i> , 2014, 106, 212-218.	1.8	26
12	Nitrogen uptake, biomass yield and quality of intercropped spring- and summer-sown maize at different nitrogen levels in the North China Plain. <i>Biomass and Bioenergy</i> , 2012, 47, 91-98.	5.7	22
13	Biodiversity management of organic farming enhances agricultural sustainability. <i>Scientific Reports</i> , 2016, 6, 23816.	3.3	20
14	Soil organic carbon increment sources and crop yields under long-term conservation tillage practices in wheat-maize systems. <i>Land Degradation and Development</i> , 2020, 31, 1138-1150.	3.9	17
15	Effects of part and whole straw returning on soil carbon sequestration in C3-C4 rotation cropland. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 429-440.	1.9	16
16	A major and stable QTL controlling wheat thousand grain weight: identification, characterization, and CAPS marker development. <i>Molecular Breeding</i> , 2020, 40, 1.	2.1	16
17	Effects of Waxy Maize Relay Intercropping and Residue Retention on Rhizosphere Microbial Communities and Vegetable Yield in a Continuous Cropping System. <i>Pedosphere</i> , 2018, 28, 84-93.	4.0	15
18	Genetic Dissection of Wheat Kernel Hardness Using Conditional QTL Mapping of Kernel Size and Protein-Related Traits. <i>Plant Molecular Biology Reporter</i> , 2018, 36, 1-12.	1.8	13

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19	Higher CO ₂ absorption using a new class of calcium hydroxide (Ca(OH) ₂) nanoparticles. <i>Environmental Chemistry Letters</i> , 2018, 16, 1095-1100.	16.2	13
20	Global analysis of lysine acetylation in soybean leaves. <i>Scientific Reports</i> , 2021, 11, 17858.	3.3	11
21	N ₂ O emissions and yield in maize field fertilized with polymer-coated urea under subsoiling or rotary tillage. <i>Nutrient Cycling in Agroecosystems</i> , 2015, 102, 397-410.	2.2	10
22	Subsoiling increases aggregate-associated organic carbon, dry matter, and maize yield on the North China Plain. <i>PeerJ</i> , 2021, 9, e11099.	2.0	10
23	Cosmic exergy-based ecological assessment for farmland-dairy-biogas agroecosystems in North China. <i>Journal of Cleaner Production</i> , 2017, 159, 317-325.	9.3	8
24	Variations of SOC and MBC observed in an incubated brown loam soil managed under different tillage systems for 12 years. <i>Soil Use and Management</i> , 2019, 35, 585-594.	4.9	8
25	Effects of Normal Urea and Release-Controlled Urea on Root and Shoot Growth and Yield of Maize in Different Water Conditions. <i>Acta Agronomica Sinica(China)</i> , 2009, 35, 118-123.	0.3	8
26	CO ₂ fixation in above-ground biomass of summer maize under different tillage and straw management treatments. <i>Scientific Reports</i> , 2017, 7, 16888.	3.3	7
27	Low Light Increases the Abundance of Light Reaction Proteins: Proteomics Analysis of Maize (<i>Zea mays</i>) Tj ETQq1 1,0784314 rgBT /O	4.1	6
28	Sensitivities of Physical and Chemical Attributes of Soil Quality to Different Tillage Management. <i>Agronomy</i> , 2022, 12, 1153.	3.0	6
29	Capture of soil respiration for higher photosynthesis with lower CO ₂ emission. <i>Journal of Cleaner Production</i> , 2020, 246, 119029.	9.3	5
30	Increase in maize yield and soil aggregate-associated carbon in North China due to long-term conservation tillage. <i>Experimental Agriculture</i> , 2021, 57, 270-281.	0.9	4
31	Water sources effects on soil salinity and biomass production of agriculture and agroforest systems in raised fields. <i>Journal of Plant Interactions</i> , 2020, 15, 303-312.	2.1	2
32	Emergetic and cosmic exergy-based ecological assessments of long-term raised field eco-farming systems in saline-alkaline lands. <i>Ecological Indicators</i> , 2021, 125, 107531.	6.3	1
33	Genetic Dissection of the Mixing Properties of Wheat Flour (<i>Triticum aestivum</i> L.) Using Unconditional and Conditional QTL Mapping. <i>Journal of Genomics</i> , 2022, 10, 8-15.	0.9	0