Junming Wang

List of Publications by Year
in descending order

23	334	840776 11	839539 18
papers	citations	h-index	g-index

23	23	23	493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The importance of rare versus abundant phoD-harboring subcommunities in driving soil alkaline phosphatase activity and available P content in Chinese steppe ecosystems. Soil Biology and Biochemistry, 2022, 164, 108491.	8.8	32
2	Dynamic Seed Emission, Dispersion, and Deposition from Horseweed (Conyza canadensis (L.)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.5	0
3	Pollen-mediated gene flow and transfer of resistance alleles from herbicide-resistant broadleaf weeds. Weed Technology, 2021, 35, 173-187.	0.9	22
4	Development of an Online Tool for Tracking Soil Nitrogen to Improve the Environmental Performance of Maize Production. Sustainability, 2021, 13, 5649.	3.2	2
5	Increasing relative abundance of non-cyanobacterial photosynthetic organisms drives ecosystem multifunctionality during the succession of biological soil crusts. Geoderma, 2021, 395, 115052.	5.1	12
6	Non-Gaussian Lagrangian Stochastic Model for Wind Field Simulation in the Surface Layer. Advances in Atmospheric Sciences, 2020, 37, 90-104.	4.3	0
7	Deterministic processes dominate soil methanotrophic community assembly in grassland soils. Geoderma, 2020, 359, 114004.	5.1	24
8	Modeling Inorganic Soil Nitrogen Status in Maize Agroecosystems. Soil Science Society of America Journal, 2019, 83, 1564-1574.	2.2	6
9	Long-distance and dynamic seed dispersal from horseweed (Conyza canadensis). Ecoscience, 2018, 25, 271-285.	1.4	7
10	Atmospheric pollen dispersion from herbicide-resistant horseweed (Conyza canadensis L.). Aerobiologia, 2017, 33, 393-406.	1.7	10
11	A Vision for Incorporating Environmental Effects into Nitrogen Management Decision Support Tools for U.S. Maize Production. Frontiers in Plant Science, 2017, 8, 1270.	3.6	25
12	Assessing the impacts of tillage and fertilization management on nitrous oxide emissions in a cornfield using the DNDC model. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 337-349.	3.0	45
13	Responses of corn physiology and yield to six agricultural practices over three years in middle Tennessee. Scientific Reports, 2016, 6, 27504.	3.3	14
14	Field Studies on Dynamic Pollen Production, Deposition, and Dispersion of Glyphosate-Resistant Horseweed (Conyza canadensis). Weed Science, 2016, 64, 101-111.	1.5	11
15	Corn Yield and Soil Nitrous Oxide Emission under Different Fertilizer and Soil Management: A Three-Year Field Experiment in Middle Tennessee. PLoS ONE, 2015, 10, e0125406.	2.5	27
16	Particulate Matter Contributions from Agricultural Tilling Operations in an Irrigated Desert Region. PLoS ONE, 2015, 10, e0138577.	2.5	4
17	Windâ€mediated horseweed (C onyza canadensis) gene flow: pollen emission, dispersion, and deposition. Ecology and Evolution, 2015, 5, 2646-2658.	1.9	16
18	Evaluation of Clear-Sky Incoming Radiation Estimating Equations Typically Used in Remote Sensing Evapotranspiration Algorithms. Remote Sensing, 2013, 5, 4735-4752.	4.0	11

#	Article	IF	Citations
19	Local Dust Emission Factors for Agricultural Tilling Operations. Soil Science, 2010, 175, 194-200.	0.9	18
20	A Comparison of Lagrangian Model Estimates to Light Detection and Ranging (LIDAR) Measurements of Dust Plumes from Field Tilling. Journal of the Air and Waste Management Association, 2009, 59, 1370-1378.	1.9	6
21	Nearâ€Field Dust Exposure from Cotton Field Tilling and Harvesting. Journal of Environmental Quality, 2008, 37, 551-556.	2.0	13
22	Energy balance measurements and a simple model for estimating pecan water use efficiency. Agricultural Water Management, 2007, 91, 92-101.	5.6	20
23	Pollination Competition Effects on Gene-Flow Estimation: Using Regular vs. Male-Sterile Bait Plants. Agronomy Journal, 2006, 98, 1060-1064.	1.8	9