

Weishou Shen

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,317
citations

516710

16
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1526
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of mineral fertilizer and organic manure on soil microbial community and diversity. <i>Plant and Soil</i> , 2010, 326, 511-522.	3.7	462
2	Higher rates of nitrogen fertilization decrease soil enzyme activities, microbial functional diversity and nitrification capacity in a Chinese polytunnel greenhouse vegetable land. <i>Plant and Soil</i> , 2010, 337, 137-150.	3.7	128
3	Bacterial community composition is shaped by soil secondary salinization and acidification brought on by high nitrogen fertilization rates. <i>Applied Soil Ecology</i> , 2016, 108, 76-83.	4.3	81
4	Nitrogen fertilization induced changes in ammonia oxidation are attributable mostly to bacteria rather than archaea in greenhouse-based high N input vegetable soil. <i>Soil Biology and Biochemistry</i> , 2016, 93, 150-159.	8.8	73
5	Land use intensification affects soil microbial populations, functional diversity and related suppressiveness of cucumber <i>Fusarium</i> wilt in China's Yangtze River Delta. <i>Plant and Soil</i> , 2008, 306, 117-127.	3.7	68
6	An Introduction to Next Generation Sequencing Bioinformatic Analysis in Gut Microbiome Studies. <i>Biomolecules</i> , 2021, 11, 530.	4.0	62
7	Effects of the biological nitrification inhibitor 1,9-decanediol on nitrification and ammonia oxidizers in three agricultural soils. <i>Soil Biology and Biochemistry</i> , 2019, 129, 48-59.	8.8	61
8	Transgenic tomato overexpressing <i>ath-miR399d</i> has enhanced phosphorus accumulation through increased acid phosphatase and proton secretion as well as phosphate transporters. <i>Plant and Soil</i> , 2010, 334, 123-136.	3.7	46
9	Effects of copper on nitrous oxide (N ₂ O) reduction in denitrifiers and N ₂ O emissions from agricultural soils. <i>Biology and Fertility of Soils</i> , 2020, 56, 39-51.	4.3	34
10	Influence of bacterial density during preculture on <i>Agrobacterium</i> -mediated transformation of tomato. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 98, 321-330.	2.3	28
11	Microbial deterioration and restoration in greenhouse-based intensive vegetable production systems. <i>Plant and Soil</i> , 2021, 463, 1-18.	3.7	27
12	Nitrous oxide (N ₂ O)-reducing denitrifier-inoculated organic fertilizer mitigates N ₂ O emissions from agricultural soils. <i>Biology and Fertility of Soils</i> , 2017, 53, 885-898.	4.3	26
13	Inoculation with nitrous oxide (N ₂ O)-reducing denitrifier strains simultaneously mitigates N ₂ O emission from pasture soil and promotes growth of pasture plants. <i>Soil Biology and Biochemistry</i> , 2016, 97, 83-91.	8.8	24
14	Ammonia volatilization mitigation in crop farming: A review of fertilizer amendment technologies and mechanisms. <i>Chemosphere</i> , 2022, 303, 134944.	8.2	24
15	Enhancement of the nitrogen-fixing activity of paddy soils owing to iron application. <i>Soil Science and Plant Nutrition</i> , 2021, 67, 243-247.	1.9	20
16	Abundance and community succession of nitrogen-fixing bacteria in ferrihydrite enriched cultures of paddy soils is closely related to Fe(III)-reduction. <i>Science of the Total Environment</i> , 2020, 720, 137633.	8.0	19
17	Coupling between nitrogen-fixing and iron(III)-reducing bacteria as revealed by the metabolically active bacterial community in flooded paddy soils amended with glucose. <i>Science of the Total Environment</i> , 2020, 716, 137056.	8.0	19
18	Nitrogen Fertilization Changes Abundance and Community Composition of Ammonia-Oxidizing Bacteria. <i>Soil Science Society of America Journal</i> , 2011, 75, 2198-2205.	2.2	16

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19	Long-term application of organic manure changes abundance and composition of ammonia-oxidizing archaea in an acidic red soil. <i>Soil Science and Plant Nutrition</i> , 2015, 61, 620-628.	1.9	14
20	Influence of transgenic ath-miR399d tomato lines on microbial community and diversity in rhizosphere soil. <i>Soil Science and Plant Nutrition</i> , 2015, 61, 259-268.	1.9	8
21	Estimation of interannual trends of ammonia emissions from agriculture in Jiangsu Province from 2000 to 2017. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 268-273.	1.3	7
22	Genome Sequence of <i>Arthrobacter</i> sp. UKPF54-2, a Plant Growth-Promoting Rhizobacterial Strain Isolated from Paddy Soil. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	6
23	Genome Sequences of Two <i>Azospirillum</i> sp. Strains, TSA2S and TSH100, Plant Growth-Promoting Rhizobacteria with N ₂ O Mitigation Abilities. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	6
24	Influences of past application rates of nitrogen and a catch crop on soil microbial communities between an intensive rotation. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 97-106.	0.6	5
25	Different strategies for colonization and prevalence after inoculation with plant growth-promoting rhizobacteria revealed by a monitoring method. <i>Soil Science and Plant Nutrition</i> , 2022, 68, 442-453.	1.9	4
26	Investigation of Rice Yields and Critical N Losses from Paddy Soil under Different N Fertilization Rates with Iron Application. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8707.	2.6	4
27	Integrative Analysis of Metabolome and Microbiome in Patients with Progressive Alcohol-Associated Liver Disease. <i>Metabolites</i> , 2021, 11, 766.	2.9	3
28	Genome Sequence of <i>Novoherbaspirillum</i> sp. UKPF54, a Plant Growth-Promoting Rhizobacterial Strain with N ₂ O-Mitigating Abilities, Isolated from Paddy Soil. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
29	Quantifying the Influence of a Burn Event on Ammonia Concentrations Using a Machine-Learning Technique. <i>Atmosphere</i> , 2022, 13, 170.	2.3	1