

Tiehang Wu

List of Publications by Year in descending order

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27
papers

1,251
citations

430874

18
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	Global-scale patterns of assemblage structure of soil nematodes in relation to climate and ecosystem properties. <i>Global Ecology and Biogeography</i> , 2014, 23, 968-978.	5.8	171
2	Molecular study of worldwide distribution and diversity of soil animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17720-17725.	7.1	165
3	Dual-Functional Antifogging/Antimicrobial Polymer Coating. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8737-8742.	8.0	155
4	Comparison of Soil Bacterial Communities Under Diverse Agricultural Land Management and Crop Production Practices. <i>Microbial Ecology</i> , 2008, 55, 293-310.	2.8	118
5	Ectomycorrhizas and retarded decomposition in a <i>Pinus resinosa</i> plantation. <i>New Phytologist</i> , 2003, 158, 401-407.	7.3	105
6	Self-Stratified Antimicrobial Acrylic Coatings via One-Step UV Curing. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18467-18472.	8.0	74
7	Can ectomycorrhizal fungi circumvent the nitrogen mineralization for plant nutrition in temperate forest ecosystems?. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1109-1117.	8.8	50
8	Molecular profiling of soil animal diversity in natural ecosystems: Incongruence of molecular and morphological results. <i>Soil Biology and Biochemistry</i> , 2009, 41, 849-857.	8.8	48
9	Discriminating the effects of agricultural land management practices on soil fungal communities. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1139-1155.	8.8	44
10	Exploring interactions between saprotrophic microbes and ectomycorrhizal fungi using a protein-tannin complex as an N source by red pine (<i>Pinus resinosa</i>). <i>New Phytologist</i> , 2003, 159, 131-139.	7.3	41
11	Forest canopy structural controls over throughfall affect soil microbial community structure in an epiphyte-laden maritime oak stand. <i>Ecohydrology</i> , 2015, 8, 1459-1470.	2.4	35
12	Effects of soil management practices on soil microbial communities and development of southern blight in vegetable production. <i>Applied Soil Ecology</i> , 2015, 91, 58-67.	4.3	29
13	Title is missing!. <i>Plant and Soil</i> , 2002, 239, 225-235.	3.7	22
14	Biological Impact of Divergent Land Management Practices on Tomato Crop Health. <i>Phytopathology</i> , 2012, 102, 597-608.	2.2	22
15	Alteration of soil chitinolytic bacterial and ammonia oxidizing archaeal community diversity by rainwater redistribution in an epiphyte-laden <i>Quercus virginiana</i> canopy. <i>Soil Biology and Biochemistry</i> , 2016, 100, 33-41.	8.8	22
16	A possible role for saprotrophic microfungi in the N nutrition of ectomycorrhizal <i>Pinus resinosa</i> . <i>Soil Biology and Biochemistry</i> , 2005, 37, 965-975.	8.8	21
17	Assessment of fungal communities in soil and tomato roots subjected to diverse land and crop management systems. <i>Soil Biology and Biochemistry</i> , 2008, 40, 1967-1970.	8.8	21
18	Comparison of an inactive submarine spring with an active nearshore anchialine spring in Florida. <i>Hydrobiologia</i> , 2011, 677, 65-87.	2.0	21

#	ARTICLE	IF	CITATIONS
19	Quantitative polymerase chain reaction (Q-PCR) and fluorescent in situ hybridization (FISH) detection of soilborne pathogen <i>Sclerotium rolfsii</i> . <i>Applied Soil Ecology</i> , 2019, 136, 86-92.	4.3	18
20	Soil Bacterial Community Response and Nitrogen Cycling Variations Associated with Subalpine Meadow Degradation on the Loess Plateau, China. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	16
21	Effects of the integration of mixed-cropping and rice-duck co-culture on rice yield and soil nutrients in southern China. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 277-286.	3.5	12
22	Influence of crop production practices on <i>Pasteuria penetrans</i> and suppression of <i>Meloidogyne incognita</i> . <i>Biological Control</i> , 2016, 99, 64-71.	3.0	9
23	Bacterial community in the biofilm of granular activated carbon (GAC) PreBiofilter in bench-scale pilot plants for surface water pretreatment. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 3251-3262.	3.6	7
24	Forest Canopy Precipitation Partitioning. <i>Advances in Botanical Research</i> , 2015, 75, 215-240.	1.1	7
25	Degradation-induced microbiome alterations may aggravate soil nutrient loss in subalpine meadows. <i>Land Degradation and Development</i> , 2022, 33, 2699-2712.	3.9	7
26	Groundwater Depth Overrides Tree-Species Effects on the Structure of Soil Microbial Communities Involved in Nitrogen Cycling in Plantation Forests. <i>Forests</i> , 2020, 11, 275.	2.1	6
27	Dynamics Relationship of Phyllosphere and Rhizosphere Bacterial Communities During the Development of <i>Bothriochloa ischaemum</i> in Copper Tailings. <i>Frontiers in Microbiology</i> , 2020, 11, 869.	3.5	5