

# Jing Tian

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,020  
citations

249298

26  
h-index

286692

43  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2601  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traditional medicinal uses, pharmacology, phytochemistry, and distribution of the Genus <i>Fagaropsis</i> (Rutaceae). <i>Journal of Ethnopharmacology</i> , 2022, 284, 114781.	2.0	1
2	Evaluating the effects of agricultural inputs on the soil quality of smallholdings using improved indices. <i>Catena</i> , 2022, 209, 105838.	2.2	21
3	Comparative and Phylogenetic Analysis Based on the Chloroplast Genome of <i>Coleanthus subtilis</i> (Tratt.) Seidel, a Protected Rare Species of Monotypic Genus. <i>Frontiers in Plant Science</i> , 2022, 13, 828467.	1.7	13
4	Comparative and phylogenetic analyses of six Kenya <i>Polystachya</i> (Orchidaceae) species based on the complete chloroplast genome sequences. <i>BMC Plant Biology</i> , 2022, 22, 177.	1.6	37
5	Precipitation balances deterministic and stochastic processes of bacterial community assembly in grassland soils. <i>Soil Biology and Biochemistry</i> , 2022, 168, 108635.	4.2	38
6	Maize root exudate composition alters rhizosphere bacterial community to control hotspots of hydrolase activity in response to nitrogen supply. <i>Soil Biology and Biochemistry</i> , 2022, 170, 108717.	4.2	27
7	Long-term warming increased microbial carbon use efficiency and turnover rate under conservation tillage system. <i>Soil Biology and Biochemistry</i> , 2022, 172, 108770.	4.2	14
8	Morphological and genomic evidence for a new species of <i>Corallorhiza</i> (Orchidaceae Epidendroideae) from SW China. <i>Plant Diversity</i> , 2021, 43, 409-419.	1.8	1
9	Particular microbial clades rather than total microbial diversity best predict the vertical profile variation in soil multifunctionality in desert ecosystems. <i>Land Degradation and Development</i> , 2021, 32, 2157-2168.	1.8	12
10	Microbial metabolic response to winter warming stabilizes soil carbon. <i>Global Change Biology</i> , 2021, 27, 2011-2028.	4.2	50
11	Soil properties and root traits jointly shape fine-scale spatial patterns of bacterial community and metabolic functions within a Korean pine forest. <i>PeerJ</i> , 2021, 9, e10902.	0.9	5
12	Bacterial communities drive the resistance of soil multifunctionality to land-use change in karst soils. <i>European Journal of Soil Biology</i> , 2021, 104, 103313.	1.4	25
13	Aboveground and Belowground Plant Traits Explain Latitudinal Patterns in Topsoil Fungal Communities From Tropical to Cold Temperate Forests. <i>Frontiers in Microbiology</i> , 2021, 12, 633751.	1.5	5
14	Field management practices drive ecosystem multifunctionality in a smallholder-dominated agricultural system. <i>Agriculture, Ecosystems and Environment</i> , 2021, 313, 107389.	2.5	34
15	Higher free-living N <sub>2</sub> fixation at rock-soil interfaces than topsoils during vegetation recovery in karst soils. <i>Soil Biology and Biochemistry</i> , 2021, 159, 108286.	4.2	17
16	Phosphorus influence Cd phytoextraction in <i>Populus</i> stems via modulating xylem development, cell wall Cd storage and antioxidant defense. <i>Chemosphere</i> , 2020, 242, 125154.	4.2	34
17	Persistence of soil microbial function at the rock-soil interface in degraded karst topsoils. <i>Land Degradation and Development</i> , 2020, 31, 251-265.	1.8	16
18	Phosphorus deficiency induces root proliferation and Cd absorption but inhibits Cd tolerance and Cd translocation in roots of <i>Populus</i> <i>euramericana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111148.	2.9	15

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19	The persistence of bacterial diversity and ecosystem multifunctionality along a disturbance intensity gradient in karst soil. <i>Science of the Total Environment</i> , 2020, 748, 142381.	3.9	39
20	<i>Lysionotus coccinus</i> (Gesneriaceae), a new species from southwestern Yunnan, China. <i>Nordic Journal of Botany</i> , 2020, 38, .	0.2	1
21	Environmental variables better explain changes in potential nitrification and denitrification activities than microbial properties in fertilized forest soils. <i>Science of the Total Environment</i> , 2019, 647, 653-662.	3.9	50
22	Tracking the fate of deposited nitrogen and its redistribution in a subtropical watershed in China. <i>Ecohydrology</i> , 2019, 12, e2094.	1.1	8
23	A new incubation and measurement approach to estimate the temperature response of soil organic matter decomposition. <i>Soil Biology and Biochemistry</i> , 2019, 138, 107596.	4.2	12
24	Functional Soil Organic Matter Fractions, Microbial Community, and Enzyme Activities in a Mollisol Under 35 Years Manure and Mineral Fertilization. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 430-439.	1.7	32
25	Soil functions and ecosystem services research in the Chinese karst Critical Zone. <i>Chemical Geology</i> , 2019, 527, 119107.	1.4	82
26	Different strategies for regulating free-living N <sub>2</sub> fixation in nutrient-amended subtropical and temperate forest soils. <i>Applied Soil Ecology</i> , 2019, 136, 21-29.	2.1	27
27	Differential mechanisms underlying responses of soil bacterial and fungal communities to nitrogen and phosphorus inputs in a subtropical forest. <i>PeerJ</i> , 2019, 7, e7631.	0.9	17
28	The first report of <i>Nervilia lilacea</i> Jum. & H. Perrier (Orchidaceae, Epidendroideae) from Kenya and the Northern Hemisphere. <i>PhytoKeys</i> , 2019, 135, 35-38.	0.4	1
29	Functional soil organic matter fractions in response to long-term fertilization in upland and paddy systems in South China. <i>Catena</i> , 2018, 162, 270-277.	2.2	33
30	Soil organic matter availability and climate drive latitudinal patterns in bacterial diversity from tropical to cold temperate forests. <i>Functional Ecology</i> , 2018, 32, 61-70.	1.7	106
31	Deforestation decreases spatial turnover and alters the network interactions in soil bacterial communities. <i>Soil Biology and Biochemistry</i> , 2018, 123, 80-86.	4.2	73
32	Widespread asymmetric response of soil heterotrophic respiration to warming and cooling. <i>Science of the Total Environment</i> , 2018, 635, 423-431.	3.9	9
33	Spatial heterogeneity of microbial community and enzyme activities in a broad-leaved Korean pine mixed forest. <i>European Journal of Soil Biology</i> , 2018, 88, 65-72.	1.4	22
34	Atmospheric wet deposition of nitrogen in a subtropical watershed in China: characteristics of and impacts on surface water quality. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8489-8503.	2.7	34
35	Contrasting effects of NH <sub>4</sub> <sup>+</sup> and NO <sub>3</sub> <sup>-</sup> amendments on amount and chemical characteristics of different density organic matter fractions in a boreal forest soil. <i>Geoderma</i> , 2017, 293, 1-9.	2.3	17
36	Response of soil organic matter fractions and composition of microbial community to long-term organic and mineral fertilization. <i>Biology and Fertility of Soils</i> , 2017, 53, 523-532.	2.3	118

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37	Asynchronous pulse responses of soil carbon and nitrogen mineralization to rewetting events at a short-term: Regulation by microbes. <i>Scientific Reports</i> , 2017, 7, 7492.	1.6	6
38	Community diversity, structure and carbon footprint of nematode food web following reforestation on degraded Karst soil. <i>Scientific Reports</i> , 2016, 6, 28138.	1.6	20
39	Wash effect of atmospheric trace metals wet deposition and its source characteristic in subtropical watershed in China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20388-20401.	2.7	10
40	Aggregate size and glucose level affect priming sources: A three-source-partitioning study. <i>Soil Biology and Biochemistry</i> , 2016, 97, 199-210.	4.2	42
41	Biochar affects soil organic matter cycling and microbial functions but does not alter microbial community structure in a paddy soil. <i>Science of the Total Environment</i> , 2016, 556, 89-97.	3.9	206
42	Evaluation of Water Use Efficiency Derived from MODIS Products against Eddy Variance Measurements in China. <i>Remote Sensing</i> , 2015, 7, 11183-11201.	1.8	32
43	Aggregate size and their disruption affect <sup>14</sup> C-labeled glucose mineralization and priming effect. <i>Applied Soil Ecology</i> , 2015, 90, 1-10.	2.1	77
44	Impact of external nitrogen and phosphorus input between 2006 and 2010 on carbon cycle in China seas. <i>Regional Environmental Change</i> , 2015, 15, 631-641.	1.4	12
45	Linkages between the soil organic matter fractions and the microbial metabolic functional diversity within a broad-leaved Korean pine forest. <i>European Journal of Soil Biology</i> , 2015, 66, 57-64.	1.4	61
46	Water use efficiency threshold for terrestrial ecosystem carbon sequestration in China under afforestation. <i>Agricultural and Forest Meteorology</i> , 2014, 195-196, 32-37.	1.9	118
47	Phosphorus and carbon competitive sorption-desorption and associated non-point loss respond to natural rainfall events. <i>Journal of Hydrology</i> , 2014, 517, 447-457.	2.3	35
48	Integrated management systems and N fertilization: effect on soil organic matter in rice-rapeseed rotation. <i>Plant and Soil</i> , 2013, 372, 53-63.	1.8	25
49	Allocation and dynamics of assimilated carbon in rice-soil system depending on water management. <i>Plant and Soil</i> , 2013, 363, 273-285.	1.8	54
50	Microbial response to rhizodeposition depending on water regimes in paddy soils. <i>Soil Biology and Biochemistry</i> , 2013, 65, 195-203.	4.2	76
51	Labile soil organic matter fractions as influenced by non-flooded mulching cultivation and cropping season in rice-wheat rotation. <i>European Journal of Soil Biology</i> , 2013, 56, 19-25.	1.4	55
52	Effects of land use intensity on dissolved organic carbon properties and microbial community structure. <i>European Journal of Soil Biology</i> , 2012, 52, 67-72.	1.4	54
53	Soil organic carbon and total nitrogen in intensively managed arable soils. <i>Agriculture, Ecosystems and Environment</i> , 2012, 150, 102-110.	2.5	90