Yuan-Ming Zheng

List of Publications by Year
in descending order

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Version: 2024-02-01

28 papers	2,552 citations	331670 21 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	3138 citing authors

#	Article	IF	Citations
1	Quantitative analyses of the abundance and composition of ammoniaâ€oxidizing bacteria and ammoniaâ€oxidizing archaea of a Chinese upland red soil under longâ€term fertilization practices. Environmental Microbiology, 2007, 9, 2364-2374.	3.8	877
2	Differences in soil bacterial diversity: driven by contemporary disturbances or historical contingencies?. ISME Journal, 2008, 2, 254-264.	9.8	182
3	Altitudinal Distribution Patterns of Soil Bacterial and Archaeal Communities Along Mt. Shegyla on the Tibetan Plateau. Microbial Ecology, 2015, 69, 135-145.	2.8	166
4	Altitude ammonia-oxidizing bacteria and archaea in soils of Mount Everest. FEMS Microbiology Ecology, 2009, 70, 208-217.	2.7	155
5	Multivariate geostatistical analysis of heavy metals in topsoils from Beijing, China. Journal of Soils and Sediments, 2008, 8, 51-58.	3.0	136
6	Analysis of the Microbial Community Structure by Monitoring an Hg Methylation Gene (hgcA) in Paddy Soils along an Hg Gradient. Applied and Environmental Microbiology, 2014, 80, 2874-2879.	3.1	119
7	Soil pH determines the alpha diversity but not beta diversity of soil fungal community along altitude in a typical Tibetan forest ecosystem. Journal of Soils and Sediments, 2015, 15, 1224-1232.	3.0	112
8	Distribution and diversity of archaeal communities in selected Chinese soils. FEMS Microbiology Ecology, 2012, 80, 146-158.	2.7	91
9	Abundance and community composition of methanotrophs in a Chinese paddy soil under long-term fertilization practices. Journal of Soils and Sediments, 2008, 8, 406-414.	3.0	90
10	Response of denitrification genes nirS, nirK, and nosZ to irrigation water quality in a Chinese agricultural soil. Environmental Science and Pollution Research, 2011, 18, 1644-1652.	5.3	70
11	Effects of super-absorbent polymers on a soilâ€“wheat (Triticum aestivum L.) system in the field. Applied Soil Ecology, 2014, 73, 58-63.	4.3	62
12	Influence of rice straw amendment on mercury methylation and nitrification in paddy soils. Environmental Pollution, 2016, 209, 53-59.	7.5	56
13	Coupling of soil prokaryotic diversity and plant diversity across latitudinal forest ecosystems. Scientific Reports, 2016, 6, 19561.	3.3	50
14	Succession of plant and soil microbial communities with restoration of abandoned land in the Loess Plateau, China. Journal of Soils and Sediments, 2013, 13, 760-769.	3.0	46
15	Linkage between community diversity of sulfate-reducing microorganisms and methylmercury concentration in paddy soil. Environmental Science and Pollution Research, 2014, 21, 1339-1348.	5.3	45
16	Mercury in soils of three agricultural experimental stations with long-term fertilization in China. Chemosphere, 2008, 72, 1274-1278.	8.2	43
17	Ecological Drivers of Biogeographic Patterns of Soil Archaeal Community. PLoS ONE, 2013, 8, e63375.	2.5	39
18	Quantitative analyses of the abundance and composition of ammoniaâ€oxidizing bacteria and ammoniaâ€oxidizing archaea of a Chinese upland red soil under longâ€term fertilization practices. Environmental Microbiology, 2007, 9, 3152-3152.	3.8	36

#	Article	IF	Citations
19	Effects of super absorbent polymers on soil microbial properties and Chinese cabbage (Brassica) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.0	34
20	Environmental Filtering Process Has More Important Roles than Dispersal Limitation in Shaping Large-Scale Prokaryotic Beta Diversity Patterns of Grassland Soils. Microbial Ecology, 2016, 72, 221-230.	2.8	28
21	Cr(III) oxidation coupled with Mn(II) bacterial oxidation in the environment. Journal of Soils and Sediments, 2010, 10, 767-773.	3.0	21
22	Does arsenic play an important role in the soil microbial community around a typical arsenic mining area?. Environmental Pollution, 2016, 213, 949-956.	7.5	20
23	Effects of mercury on reproduction, avoidance, and heat shock protein gene expression of the soil springtail Folsomia candida. Environmental Toxicology and Chemistry, 2010, 29, 654-659.	4.3	17
24	Responses of soil ammonia oxidizers to a short-term severe mercury stress. Journal of Environmental Sciences, 2015, 38, 8-13.	6.1	14
25	Different influences of field aging on nickel toxicity to Folsomia candida in two types of soil. Environmental Science and Pollution Research, 2015, 22, 8235-8241.	5.3	14
26	Toxicity of profenofos to the springtail, Folsomia candida, and ammonia-oxidizers in two agricultural soils. Ecotoxicology, 2012, 21, 1126-1134.	2.4	13
27	Effects of longâ€term fertilization on the diversity of bacterial mercuric reductase gene in a Chinese upland soil. Journal of Basic Microbiology, 2012, 52, 35-42.	3.3	11
28	Paenibacillus tibetensis sp. nov., a psychrophilic bacterium isolated from alpine swamp meadow soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1583-1586.	1.7	5