

# Wei Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5565261/wei-zhang-publications-by-year.pdf>

**Version:** 2024-04-04

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	752 citations	11 h-index	23 g-index
23 ext. papers	904 ext. citations	5.3 avg, IF	3.58 L-index

#	Paper	IF	Citations
22	Nitrogen deposition and increased precipitation interact to affect fine root production and biomass in a temperate forest: Implications for carbon cycling. <i>Science of the Total Environment</i> , <b>2021</b> , 765, 144497	10.2	26
21	Canopy and understory nitrogen addition have different effects on fine root dynamics in a temperate forest: implications for soil carbon storage. <i>New Phytologist</i> , <b>2021</b> , 231, 1377-1386	9.8	10
20	Ratios of phosphatase activity to activities of carbon and nitrogen-acquiring enzymes in throughfall were larger in tropical forests than a temperate forest. <i>Tropics</i> , <b>2021</b> , 30, 25-29	0.9	0
19	Effects of 14-year continuous nitrogen addition on soil arylsulfatase and phosphodiesterase activities in a mature tropical forest. <i>Global Ecology and Conservation</i> , <b>2020</b> , 22, e00934	2.8	2
18	Forest canopy maintains the soil community composition under elevated nitrogen deposition. <i>Soil Biology and Biochemistry</i> , <b>2020</b> , 143, 107733	7.5	20
17	Responses of litter, organic and mineral soil enzyme kinetics to 6 years of canopy and understory nitrogen additions in a temperate forest. <i>Science of the Total Environment</i> , <b>2020</b> , 712, 136383	10.2	11
16	The responses of carbon- and nitrogen-acquiring enzymes to nitrogen and phosphorus additions in two plantations in southern China. <i>Journal of Forestry Research</i> , <b>2020</b> , 31, 1319-1324	2	1
15	Data of ecoenzyme activities in throughfall and rainfall samples taken at five subtropical forests in southern China. <i>Data in Brief</i> , <b>2019</b> , 26, 103906	1.2	1
14	A potential source of soil ecoenzymes: From the phyllosphere to soil via throughfall. <i>Applied Soil Ecology</i> , <b>2019</b> , 139, 25-28	5	4
13	Tree plantations influence the abundance of ammonia-oxidizing bacteria in the soils of a coral island. <i>Applied Soil Ecology</i> , <b>2019</b> , 138, 220-222	5	8
12	Effects of phosphorus and nitrogen fertilization on soil arylsulfatase activity and sulfur availability of two tropical plantations in southern China. <i>Forest Ecology and Management</i> , <b>2019</b> , 453, 117613	3.9	5
11	The Inhibitory Effects of Nitrogen Deposition on Asymbiotic Nitrogen Fixation are Divergent Between a Tropical and a Temperate Forest. <i>Ecosystems</i> , <b>2019</b> , 22, 955-967	3.9	5
10	Effect of nitrogen addition on DOC leaching and chemical exchanges on canopy leaves in Guangdong Province, China. <i>Journal of Forestry Research</i> , <b>2019</b> , 30, 1707-1713	2	3
9	Stoichiometry controls asymbiotic nitrogen fixation and its response to nitrogen inputs in a nitrogen-saturated forest. <i>Ecology</i> , <b>2018</b> , 99, 2037-2046	4.6	23
8	CAN Canopy Addition of Nitrogen Better Illustrate the Effect of Atmospheric Nitrogen Deposition on Forest Ecosystem?. <i>Scientific Reports</i> , <b>2015</b> , 5, 11245	4.9	60
7	Responses of CO <sub>2</sub> , N <sub>2</sub> O and CH <sub>4</sub> fluxes between atmosphere and forest soil to changes in multiple environmental conditions. <i>Global Change Biology</i> , <b>2014</b> , 20, 300-12	11.4	31
6	Methane uptake in forest soils along an urban-to-rural gradient in Pearl River Delta, South China. <i>Scientific Reports</i> , <b>2014</b> , 4, 5120	4.9	9

5	Large difference of inhibitive effect of nitrogen deposition on soil methane oxidation between plantations with N-fixing tree species and non-N-fixing tree species. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		26
4	Nitrogen addition reduces soil respiration in a mature tropical forest in southern China. <i>Global Change Biology</i> , <b>2008</b> , 14, 403-412	11.4	306
3	Methane uptake responses to nitrogen deposition in three tropical forests in southern China. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		50
2	Emissions of nitrous oxide from three tropical forests in Southern China in response to simulated nitrogen deposition. <i>Plant and Soil</i> , <b>2008</b> , 306, 221-236	4.2	89
1	Response of soil respiration to simulated N deposition in a disturbed and a rehabilitated tropical forest in southern China. <i>Plant and Soil</i> , <b>2007</b> , 296, 125-135	4.2	62