Jianxing Zhu

List of Publications by Year
in descending order

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26	1,603	567281 15	552781 26
papers	citations	h-index	g-index

26	26	26	1634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stabilization of atmospheric nitrogen deposition in China over the past decade. Nature Geoscience, 2019, 12, 424-429.	12.9	490
2	The composition, spatial patterns, and influencing factors of atmospheric wet nitrogen deposition in Chinese terrestrial ecosystems. Science of the Total Environment, 2015, 511, 777-785.	8.0	272
3	Imbalanced atmospheric nitrogen and phosphorus depositions in China: Implications for nutrient limitation. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1605-1616.	3.0	113
4	Regional variation in the temperature sensitivity of soil organic matter decomposition in China's forests and grasslands. Global Change Biology, 2017, 23, 3393-3402.	9.5	101
5	Development of atmospheric acid deposition in China from the 1990s to the 2010s. Environmental Pollution, 2017, 231, 182-190.	7.5	92
6	Vegetation carbon sequestration in Chinese forests from 2010 to 2050. Global Change Biology, 2017, 23, 1575-1584.	9.5	90
7	Effects of Temperature and Moisture on Soil Organic Matter Decomposition Along Elevation Gradients on the Changbai Mountains, Northeast China. Pedosphere, 2016, 26, 399-407.	4.0	57
8	C:N:P stoichiometry in terrestrial ecosystems in China. Science of the Total Environment, 2021, 795, 148849.	8.0	47
9	Heavy metal deposition through rainfall in Chinese natural terrestrial ecosystems: Evidences from national-scale network monitoring. Chemosphere, 2016, 164, 128-133.	8.2	45
10	Soil gross N ammonification and nitrification from tropical to temperate forests in eastern China. Functional Ecology, 2018, 32, 83-94.	3.6	38
11	Wet acid deposition in Chinese natural and agricultural ecosystems: Evidence from nationalâ€scale monitoring. Journal of Geophysical Research D: Atmospheres, 2016, 121, 10,995.	3.3	29
12	Rational land-use types in the karst regions of China: Insights from soil organic matter composition and stability. Catena, 2018, 160, 345-353.	5.0	29
13	Potential transition in the effects of atmospheric nitrogen deposition in China. Environmental Pollution, 2020, 258, 113739.	7.5	28
14	Root elemental composition in Chinese forests: Implications for biogeochemical niche differentiation. Functional Ecology, 2018, 32, 40-49.	3.6	24
15	Spatiotemporal variability, source apportionment, and acid-neutralizing capacity of atmospheric wet base-cation deposition in China. Environmental Pollution, 2020, 262, 114335.	7.5	19
16	Uncertainty and perspectives in studies of atmospheric nitrogen deposition in China: A response to Liu et al. (2015). Science of the Total Environment, 2015, 520, 302-304.	8.0	16
17	Latitudinal patterns and influencing factors of soil humic carbon fractions from tropical to temperate forests. Journal of Chinese Geography, 2018, 28, 15-30.	3.9	16
18	Estimation of carbon sequestration in Chinaâ€™s forests induced by atmospheric wet nitrogen deposition using the principles of ecological stoichiometry. Environmental Research Letters, 2017, 12, 114038.	5.2	15

#	Article	IF	Citations
19	Interactive effects of seasonal drought and nitrogen deposition on carbon fluxes in a subtropical evergreen coniferous forest in the East Asian monsoon region. Agricultural and Forest Meteorology, 2018, 263, 90-99.	4.8	13
20	Monthly dynamics of atmospheric wet nitrogen deposition on different spatial scales in China. Environmental Science and Pollution Research, 2018, 25, 24417-24425.	5.3	13
21	Higher soil acidification risk in southeastern Tibetan Plateau. Science of the Total Environment, 2021, 755, 143372.	8.0	13
22	Soil acidification in Chinaâ€™s forests due to atmospheric acid deposition from 1980 to 2050. Science Bulletin, 2022, 67, 914-917.	9.0	12
23	Regional variation in carbon sequestration potential of forest ecosystems in China. Chinese Geographical Science, 2017, 27, 337-350.	3.0	11
24	Hysteresis response of wet nitrate deposition to emission reduction in Chinese terrestrial ecosystems. Atmospheric Environment, 2021, 260, 118555.	4.1	8
25	Asynchronous pulse responses of soil carbon and nitrogen mineralization to rewetting events at a short-term: Regulation by microbes. Scientific Reports, 2017, 7, 7492.	3.3	6
26	Effect of atmospheric nitrogen deposition and its components on carbon flux in terrestrial ecosystems in China. Environmental Research, 2021, 202, 111787.	7.5	6