

List of Publications by Year in
Descending Order

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

68 papers	1,618 citations	23 h-index	38 g-index
72 ext. papers	2,058 ext. citations	5.8 avg, IF	5.06 L-index

#	Paper	IF	Citations
68	Microorganisms drive stabilization and accumulation of organic phosphorus: An incubation experiment. <i>Soil Biology and Biochemistry</i> , 2022 , 108750	7.5	0
67	Response to Ding et al.: Carboxylate exudation promotes C sequestration in dryland ecosystems. <i>Trends in Ecology and Evolution</i> , 2021 ,	10.9	1
66	Water quality variation and its conditioning factors in the Three Gorges Reservoir, China. <i>Journal of Water and Climate Change</i> , 2021 , 12, 1694-1707	2.3	0
65	Mobilization of soil phosphate after 8 years of warming is linked to plant phosphorus-acquisition strategies in an alpine meadow on the Qinghai-Tibetan Plateau. <i>Global Change Biology</i> , 2021 , 27, 6578-6591	11.4	6
64	Chemical speciation of trace metals in atmospheric deposition and impacts on soil geochemistry and vegetable bioaccumulation near a large copper smelter in China. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125346	12.8	7
63	Effects of pioneer N ₂ -fixing plants on the resource status and establishment of neighboring non-N ₂ -fixing plants in a newly formed glacier floodplain, eastern Tibetan Plateau. <i>Plant and Soil</i> , 2021 , 458, 261-276	4.2	5
62	Xylomelum occidentale (Proteaceae) accesses relatively mobile soil organic phosphorus without releasing carboxylates. <i>Journal of Ecology</i> , 2021 , 109, 246-259	6	12
61	Carbon storage of the forest and its spatial pattern in Tibet, China. <i>Journal of Mountain Science</i> , 2021 , 18, 1748-1761	2.1	
60	Low molecular weight organic acids regulate soil phosphorus availability in the soils of subalpine forests, eastern Tibetan Plateau. <i>Catena</i> , 2021 , 203, 105328	5.8	4
59	Terrain-modulated deposition of atmospheric lead in the soils of alpine forest, central China. <i>Science of the Total Environment</i> , 2021 , 790, 148106	10.2	0
58	Alkaline phosphatase activity mediates soil organic phosphorus mineralization in a subalpine forest ecosystem. <i>Geoderma</i> , 2021 , 404, 115376	6.7	7
57	Vegetation type rather than climate modulates the variation in soil enzyme activities and stoichiometry in subalpine forests in the eastern Tibetan Plateau. <i>Geoderma</i> , 2020 , 374, 114424	6.7	23
56	Climate influences the alpine soil bacterial communities by regulating the vegetation and the soil properties along an altitudinal gradient in SW China. <i>Catena</i> , 2020 , 195, 104727	5.8	6
55	Fine sediment particle microscopic characteristics, bioavailable phosphorus and environmental effects in the world largest reservoir. <i>Environmental Pollution</i> , 2020 , 265, 114917	9.3	11
54	Labile fractions of soil nutrients shape the distribution of bacterial communities towards phosphorus recycling systems over elevation gradients in Gongga Mountain, SW China. <i>European Journal of Soil Biology</i> , 2020 , 98, 103185	2.9	7
53	Soil microbes become a major pool of biological phosphorus during the early stage of soil development with little evidence of competition for phosphorus with plants. <i>Plant and Soil</i> , 2020 , 446, 259-274	4.2	12
52	In the beginning, there was only bare regolith. Then some plants arrived and changed the regolith. <i>Journal of Plant Ecology</i> , 2020 , 13, 511-516	1.7	8

51	Sustained increase in soil respiration after nine years of warming in an alpine meadow on the Tibetan Plateau. <i>Geoderma</i> , 2020 , 379, 114641	6.7	5
50	Air-drying changes the distribution of Hedley phosphorus pools in forest soils. <i>Pedosphere</i> , 2020 , 30, 272-284	5	7
49	Transformation of soil organic phosphorus along the Hailuoguo post-glacial chronosequence, southeastern edge of the Tibetan Plateau. <i>Geoderma</i> , 2019 , 352, 414-421	6.7	8
48	Biomonitoring trace element contamination impacted by atmospheric deposition in China's remote mountains. <i>Atmospheric Research</i> , 2019 , 224, 30-41	5.4	11
47	The spatial and vertical distribution of heavy metal contamination in sediments of the Three Gorges Reservoir determined by anti-seasonal flow regulation. <i>Science of the Total Environment</i> , 2019 , 664, 79-88	10.2	52
46	Distributions and pools of lead (Pb) in a terrestrial forest ecosystem with highly elevated atmospheric Pb deposition and ecological risks to insects. <i>Science of the Total Environment</i> , 2019 , 647, 932-941	10.2	25
45	Study of the bioavailability of heavy metals from atmospheric deposition on the soil-pakchoi (<i>Brassica chinensis</i> L.) system. <i>Journal of Hazardous Materials</i> , 2019 , 362, 9-16	12.8	58
44	Spatial variation of heavy metal contamination in the riparian sediments after two-year flow regulation in the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2019 , 649, 1004-1016	10.2	74
43	Divergent patterns of soil phosphorus discharge from water-level fluctuation zone after full impoundment of Three Gorges Reservoir, China. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 2559-2568	5.1	10
42	Health risks to local residents from the exposure of heavy metals around the largest copper smelter in China. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 171, 329-336	7	43
41	Barrier effects of remote high mountain on atmospheric metal transport in the eastern Tibetan Plateau. <i>Science of the Total Environment</i> , 2018 , 628-629, 687-696	10.2	19
40	Exposure risk of local residents to copper near the largest flash copper smelter in China. <i>Science of the Total Environment</i> , 2018 , 630, 453-461	10.2	43
39	Weathering of primary mineral phosphate in the early stages of ecosystem development in the Hailuoguo Glacier foreland chronosequence. <i>European Journal of Soil Science</i> , 2018 , 69, 450-461	3.4	14
38	Foliar spraying with silicon and selenium reduces cadmium uptake and mitigates cadmium toxicity in rice. <i>Science of the Total Environment</i> , 2018 , 631-632, 1100-1108	10.2	123
37	Altitudinal patterns and controls of trace metal distribution in soils of a remote high mountain, Southwest China. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 505-519	4.7	12
36	Available forms of nutrients and heavy metals control the distribution of microbial phospholipid fatty acids in sediments of the Three Gorges Reservoir, China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 5740-5751	5.1	12
35	Comments on Unravelling community assemblages through multi-element stoichiometry in plant leaves and roots across primary successional stages in a glacier retreat area by Jiang et al.. <i>Plant and Soil</i> , 2018 , 433, 1-5	4.2	4
34	Leaching disturbed the altitudinal distribution of soil organic phosphorus in subalpine coniferous forests on Mt. Gongga, SW China. <i>Geoderma</i> , 2018 , 326, 144-155	6.7	8

33	Incubation experiment demonstrates effects of carbon and nitrogen on microbial phosphate-solubilizing function. <i>Science China Life Sciences</i> , 2017 , 60, 436-438	8.5	2
32	Seasonal and spatial distribution of trace metals in alpine soils of Eastern Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2017 , 14, 1591-1603	2.1	2
31	Tracing environmental lead sources on the Ao mountain of China using lead isotopic composition and biomonitoring. <i>Journal of Mountain Science</i> , 2017 , 14, 1358-1372	2.1	5
30	Distribution and potential eco-risk of chromium and nickel in sediments after impoundment of Three Gorges Reservoir, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017 , 23, 172-185	4.9	12
29	Carbon demand drives microbial mineralization of organic phosphorus during the early stage of soil development. <i>Biology and Fertility of Soils</i> , 2016 , 52, 825-839	6.1	43
28	Stoichiometric variation of carbon, nitrogen, and phosphorus in soils and its implication for nutrient limitation in alpine ecosystem of Eastern Tibetan Plateau. <i>Journal of Soils and Sediments</i> , 2016 , 16, 405-416	3.4	66
27	Historical trends of anthropogenic metals in Eastern Tibetan Plateau as reconstructed from alpine lake sediments over the last century. <i>Chemosphere</i> , 2016 , 148, 211-9	8.4	61
26	Rapid weathering processes of a 120-year-old chronosequence in the Hailuoguo Glacier foreland, Mt. Gongga, SW China. <i>Geoderma</i> , 2016 , 267, 78-91	6.7	25
25	Mobility and eco-risk of trace metals in soils at the Hailuoguo Glacier foreland in eastern Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 5721-32	5.1	16
24	Variations in soil phosphorus biogeochemistry across six vegetation types along an altitudinal gradient in SW China. <i>Catena</i> , 2016 , 142, 102-111	5.8	29
23	Vegetation and Cold Trapping Modulating Elevation-dependent Distribution of Trace Metals in Soils of a High Mountain in Eastern Tibetan Plateau. <i>Scientific Reports</i> , 2016 , 6, 24081	4.9	34
22	Current state, sources, and potential risk of heavy metals in sediments of Three Gorges Reservoir, China. <i>Environmental Pollution</i> , 2016 , 214, 485-496	9.3	118
21	The fate of phosphorus in sediments after the full operation of the Three Gorges Reservoir, China. <i>Environmental Pollution</i> , 2016 , 214, 282-289	9.3	62
20	Variations of bacterial and fungal communities along a primary successional chronosequence in the Hailuoguo glacier retreat area (Gongga Mountain, SW China). <i>Journal of Mountain Science</i> , 2016 , 13, 1621-1631	2.1	18
19	Biomonitoring trace metal contamination by seven sympatric alpine species in Eastern Tibetan Plateau. <i>Chemosphere</i> , 2016 , 165, 388-398	8.4	22
18	The cadmium and lead of soil in timberline coniferous forests, Eastern Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2015 , 73, 303-310	2.9	11
17	Soil nematode assemblages as bioindicators of primary succession along a 120-year-old chronosequence on the Hailuoguo Glacier forefield, SW China. <i>Soil Biology and Biochemistry</i> , 2015 , 88, 362-371	7.5	27
16	Spatial distribution and temporal trends of mercury and arsenic in remote timberline coniferous forests, eastern of the Tibet Plateau, China. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11658-68	5.1	8

15	Rapid loss of phosphorus during early pedogenesis along a glacier retreat chronosequence, Gongga Mountain (SW China). <i>PeerJ</i> , 2015 , 3, e1377	3.1	10
14	Soil phosphorus bioavailability assessed by XANES and Hedley sequential fractionation technique in a glacier foreland chronosequence in Gongga Mountain, Southwestern China. <i>Science China Earth Sciences</i> , 2014 , 57, 1860-1868	4.6	16
13	Atmospheric deposition of lead in remote high mountain of eastern Tibetan Plateau, China. <i>Atmospheric Environment</i> , 2014 , 99, 425-435	5.3	41
12	Trace metals of needles and litter in timberline forests in the Eastern of Tibetan Plateau, China. <i>Ecological Indicators</i> , 2014 , 45, 669-676	5.8	14
11	Synchrotron-based P K-edge XANES spectroscopy reveals rapid changes of phosphorus speciation in the topsoil of two glacier foreland chronosequences. <i>Geochimica Et Cosmochimica Acta</i> , 2013 , 108, 154-171	5.5	97
10	Temperature and precipitation variations at two meteorological stations on eastern slope of Gongga Mountain, SW China in the past two decades. <i>Journal of Mountain Science</i> , 2013 , 10, 370-377	2.1	47
9	The chromium in timberline forests in the eastern Tibetan Plateau. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 1930-7	4.3	6
8	Changes of soil phosphorus speciation along a 120-year soil chronosequence in the Hailuoguo Glacier retreat area (Gongga Mountain, SW China). <i>Geoderma</i> , 2013 , 195-196, 251-259	6.7	51
7	Phosphorus biogeochemical cycle research in mountainous ecosystems. <i>Journal of Mountain Science</i> , 2013 , 10, 43-53	2.1	18
6	Soil sulphur speciation in two glacier forefield soil chronosequences assessed by S K-edge XANES spectroscopy. <i>European Journal of Soil Science</i> , 2013 , 64, 260-272	3.4	15
5	Bryophyte species richness and composition along an altitudinal gradient in Gongga Mountain, China. <i>PLoS ONE</i> , 2013 , 8, e58131	3.7	40
4	Altitudinal gradient of microbial biomass phosphorus and its relationship with microbial biomass carbon, nitrogen, and rhizosphere soil phosphorus on the eastern slope of Gongga Mountain, SW China. <i>PLoS ONE</i> , 2013 , 8, e72952	3.7	16
3	An improved open-top chamber warming system for global change research. <i>Silva Fennica</i> , 2013 , 47,	1.9	8
2	Atmospheric deposition of Cd accumulated in the montane soil, Gongga Mt., China. <i>Journal of Soils and Sediments</i> , 2011 , 11, 940-946	3.4	28
1	Comparison of element concentrations in fir and rhododendron leaves and twigs along an altitudinal gradient. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 2608-19	3.8	13