

Shou-Qin Sun

List of Publications by Year in descending order

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33
papers

789
citations

471509

17
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

1018
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes of soil phosphorus speciation along a 120-year soil chronosequence in the Hailuogou Glacier retreat area (Gongga Mountain, SW China). <i>Geoderma</i> , 2013, 195-196, 251-259.	5.1	68
2	Bryophyte Species Richness and Composition along an Altitudinal Gradient in Gongga Mountain, China. <i>PLoS ONE</i> , 2013, 8, e58131.	2.5	67
3	Atmospheric deposition of lead in remote high mountain of eastern Tibetan Plateau, China. <i>Atmospheric Environment</i> , 2014, 99, 425-435.	4.1	55
4	Response mechanisms of antioxidants in bryophyte (<i>Hypnum plumaeforme</i>) under the stress of single or combined Pb and/or Ni. <i>Environmental Monitoring and Assessment</i> , 2009, 149, 291-302.	2.7	47
5	Soil warming and nitrogen deposition alter soil respiration, microbial community structure and organic carbon composition in a coniferous forest on eastern Tibetan Plateau. <i>Geoderma</i> , 2019, 353, 283-292.	5.1	42
6	Antioxidative responses related to H ₂ O ₂ depletion in <i>Hypnum plumaeforme</i> under the combined stress induced by Pb and Ni. <i>Environmental Monitoring and Assessment</i> , 2010, 163, 303-312.	2.7	41
7	Variations in soil phosphorus biogeochemistry across six vegetation types along an altitudinal gradient in SW China. <i>Catena</i> , 2016, 142, 102-111.	5.0	39
8	Drought differentially affects autotrophic and heterotrophic soil respiration rates and their temperature sensitivity. <i>Biology and Fertility of Soils</i> , 2019, 55, 275-283.	4.3	33
9	Monitoring of atmospheric heavy metal deposition in Chongqing, China—based on moss bag technique. <i>Environmental Monitoring and Assessment</i> , 2009, 148, 1-9.	2.7	30
10	Atmospheric deposition of Cd accumulated in the montane soil, Gongga Mt., China. <i>Journal of Soils and Sediments</i> , 2011, 11, 940-946.	3.0	30
11	Heavy metals in different moss species in alpine ecosystems of Mountain Gongga, China: Geochemical characteristics and controlling factors. <i>Environmental Pollution</i> , 2021, 272, 115991.	7.5	25
12	Sample storage-induced changes in the quantity and quality of soil labile organic carbon. <i>Scientific Reports</i> , 2015, 5, 17496.	3.3	23
13	Bryophyte cover and richness decline after 18 years of experimental warming in alpine Sweden. <i>AoB PLANTS</i> , 2020, 12, plaa061.	2.3	22
14	Phosphorus biogeochemical cycle research in mountainous ecosystems. <i>Journal of Mountain Science</i> , 2013, 10, 43-53.	2.0	21
15	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.	5.2	21
16	Effect of the behavior and availability of heavy metals on the characteristics of the coastal soils developed from alluvial deposits. <i>Environmental Monitoring and Assessment</i> , 2009, 156, 91-98.	2.7	19
17	Comparison of element concentrations in fir and rhododendron leaves and twigs along an altitudinal gradient. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2608-2619.	4.3	19
18	Effects of Pb and Ni stress on oxidative stress parameters in three moss species. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1630-1635.	6.0	18

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19	Ground bryophytes regulate net soil carbon efflux: evidence from two subalpine ecosystems on the east edge of the Tibet Plateau. <i>Plant and Soil</i> , 2017, 417, 363-375.	3.7	18
20	Lead distribution and possible sources along vertical zone spectrum of typical ecosystems in the Gongga Mountain, eastern Tibetan Plateau. <i>Atmospheric Environment</i> , 2015, 115, 132-140.	4.1	16
21	Warming and nitrogen addition effects on bryophytes are species- and plant community-specific on the eastern slope of the Tibetan Plateau. <i>Journal of Vegetation Science</i> , 2017, 28, 128-138.	2.2	16
22	Effect of an Anionic Surfactant on Hydraulic Conductivities of Sodium- and Calcium-Saturated Soils. <i>Pedosphere</i> , 2006, 16, 673-680.	4.0	14
23	Heavy metal-induced physiological alterations and oxidative stress in the moss <i>Brachythecium piligerum</i> chad. <i>Environmental Toxicology</i> , 2011, 26, 453-458.	4.0	14
24	Retention capacities of several bryophytes for Hg(II) with special reference to the elevation and morphology of moss growth. <i>Environmental Monitoring and Assessment</i> , 2007, 133, 399-406.	2.7	12
25	Differences of soil CO ₂ flux in two contrasting subalpine ecosystems on the eastern edge of the Qinghai-Tibetan Plateau: A four-year study. <i>Atmospheric Environment</i> , 2019, 198, 166-174.	4.1	12
26	An improved open-top chamber warming system for global change research. <i>Silva Fennica</i> , 2013, 47, .	1.3	12
27	Stand Age and Productivity Control Soil Carbon Dioxide Efflux and Organic Carbon Dynamics in Poplar Plantations. <i>Soil Science Society of America Journal</i> , 2015, 79, 1638-1649.	2.2	11
28	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, 11658-11668.	5.3	11
29	Heavy metal concentrations in timberline trees of eastern Tibetan Plateau. <i>Ecotoxicology</i> , 2014, 23, 1086-1098.	2.4	10
30	Evidence of endophytic nitrogen fixation as a potential mechanism supporting colonization of non-nodulating pioneer plants on a glacial foreland. <i>Biology and Fertility of Soils</i> , 2022, 58, 527-539.	4.3	9
31	Biogeochemical stoichiometry of soil and plant functional groups along a primary successional gradient following glacial retreat on the eastern Tibetan plateau. <i>Global Ecology and Conservation</i> , 2021, 26, e01491.	2.1	7
32	Bryophytes impact the fluxes of soil non-carbon dioxide greenhouse gases in a subalpine coniferous forest. <i>Biology and Fertility of Soils</i> , 2020, 56, 1151-1163.	4.3	4
33	Long-term decomposition dynamics of broadleaf litters across a climatic gradient on the Qinghai-Tibetan Plateau, China. <i>Plant and Soil</i> , 2021, 465, 403-414.	3.7	3