Christian von Sperber

List of Publications by Year
in descending order

13	215	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Groundwater phosphorus concentrations: global trends and links with agricultural and oil and gas activities. Environmental Research Letters, 2022, 17, 014014.	5.2	12
2	Nucleic acids are a major pool of hydrolyzable organic phosphorus in arable organic soils of Southern Ontario, Canada. Biology and Fertility of Soils, 2022, 58, 7-16.	4.3	8
3	Foliar á°Ÿ15N patterns in legumes and non-N fixers across a climate gradient, HawaiÊ»i Island, USA. Oecologia, 2022, 198, 229-242.	2.0	2
4	Phosphate oxygen isotope ratios in vegetated riparian buffer strip soils. Vadose Zone Journal, 2022, 21, .	2.2	6
5	Neural network model predictions for phosphorus management strategies on tile-drained organic soils. Hydrology Research, 2022, 53, 825-839.	2.7	2
6	Phosphorus fate, transport and management on subsurface drained agricultural organic soils: a review. Environmental Research Letters, 2021, 16, 013004.	5.2	20
7	Soil phosphorus cycling is modified by carbon and nitrogen fertilization in a longâ€term field experiment. Journal of Plant Nutrition and Soil Science, 2021, 184, 282-293.	1.9	19
8	Tracing uptake and translocation of phosphorus in wheat using oxygen isotopes and mathematical modelling. New Phytologist, 2021, 230, 1883-1895.	7.3	4
9	A Soilscape Network Approach (SNAp) to investigate subsurface phosphorus translocation along slopes. Science of the Total Environment, 2021, 784, 147131.	8.0	4
10	Biogeochemical cycling of phosphorus in subsoils of temperate forest ecosystems. Biogeochemistry, 2020, 150, 313-328.	3.5	17
11	Soil exchange rates of COS and C18O differ with the diversity of microbial communities and their carbonic anhydrase enzymes. ISME Journal, 2019, 13, 290-300.	9.8	20
12	Kinetics of enzymeâ€catalysed oxygen isotope exchange between phosphate and water revealed by Raman spectroscopy. Journal of Raman Spectroscopy, 2017, 48, 368-373.	2.5	28
13	The effect of phosphomonoesterases on the oxygen isotope composition of phosphate. Geochimica Et Cosmochimica Acta, 2014, 125, 519-527.	3.9	73