

Paul E Brewer

List of Publications by Year in descending order

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13
papers

552
citations

933447

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1125743

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times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	A versatile gas flux chamber reveals high tree stem CH ₄ emissions in Amazonian peatland. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108504.	4.8	11
2	Radon as a natural tracer of gas transport through trees. <i>New Phytologist</i> , 2020, 225, 1470-1475.	7.3	29
3	Building bottom-up aggregate-based models (ABMs) in soil systems with a view of aggregates as biogeochemical reactors. <i>Global Change Biology</i> , 2019, 25, e6-e8.	9.5	10
4	Methane emissions from tree stems: a new frontier in the global carbon cycle. <i>New Phytologist</i> , 2019, 222, 18-28.	7.3	104
5	Soil aggregates as biogeochemical reactors and implications for soil-atmosphere exchange of greenhouse gases—a concept. <i>Global Change Biology</i> , 2019, 25, 373-385.	9.5	76
6	Vehicle-Based Methane Surveys for Finding Natural Gas Leaks and Estimating Their Size: Validation and Uncertainty. <i>Environmental Science & Technology</i> , 2018, 52, 11922-11930.	10.0	28
7	Impacts of moisture, soil respiration, and agricultural practices on methanogenesis in upland soils as measured with stable isotope pool dilution. <i>Soil Biology and Biochemistry</i> , 2018, 127, 239-251.	8.8	30
8	Redox and temperature-sensitive changes in microbial communities and soil chemistry dictate greenhouse gas loss from thawed permafrost. <i>Biogeochemistry</i> , 2017, 134, 183-200.	3.5	22
9	Co-variation in methanotroph community composition and activity in three temperate grassland soils. <i>Soil Biology and Biochemistry</i> , 2016, 95, 78-86.	8.8	22
10	Prescribed fire, soil inorganic nitrogen dynamics, and plant responses in a semiarid grassland. <i>Journal of Arid Environments</i> , 2014, 104, 59-66.	2.4	44
11	Nitrogen cycling and water pulses in semiarid grasslands: are microbial and plant processes temporally asynchronous?. <i>Oecologia</i> , 2012, 170, 799-808.	2.0	90
12	Incorporation of a fluoroscopic X-ray modality in a small animal imaging system. <i>IEEE Transactions on Nuclear Science</i> , 2003, 50, 333-338.	2.0	7
13	SPECT-CT system for small animal imaging. <i>IEEE Transactions on Nuclear Science</i> , 2003, 50, 74-79.	2.0	79