

Paul Poulton

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,387
citations

430442

18
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

3076
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorus Leaching from Soils Containing Different Phosphorus Concentrations in the Broadbalk Experiment. <i>Journal of Environmental Quality</i> , 1995, 24, 904-910.	1.0	688
2	The Park Grass Experiment 1856-2006: its contribution to ecology. <i>Journal of Ecology</i> , 2006, 94, 801-814.	1.9	328
3	Major limitations to achieving 4 per 1000 increases in soil organic carbon stock in temperate regions: Evidence from long-term experiments at Rothamsted Research, United Kingdom. <i>Global Change Biology</i> , 2018, 24, 2563-2584.	4.2	238
4	Grassland biodiversity bounces back from long-term nitrogen addition. <i>Nature</i> , 2015, 528, 401-404.	13.7	133
5	The importance of long-term experiments in agriculture: their management to ensure continued crop production and soil fertility; the Rothamsted experience. <i>European Journal of Soil Science</i> , 2018, 69, 113-125.	1.8	125
6	RELATIONSHIP BETWEEN SOIL TEST PHOSPHORUS AND PHOSPHORUS RELEASE TO SOLUTION. <i>Soil Science</i> , 2001, 166, 137-149.	0.9	119
7	Accumulation of carbon and nitrogen by old arable land reverting to woodland. <i>Global Change Biology</i> , 2003, 9, 942-955.	4.2	116
8	The turnover of organic carbon in subsoils. Part 1. Natural and bomb radiocarbon in soil profiles from the Rothamsted long-term field experiments. <i>European Journal of Soil Science</i> , 2008, 59, 391-399.	1.8	105
9	Effects of one to six year old ryegrass-clover leys on soil nitrogen and on the subsequent yields and fertilizer nitrogen requirements of the arable sequence winter wheat, potatoes, winter wheat, winter beans (<i>Vicia faba</i>) grown on a sandy loam soil. <i>Journal of Agricultural Science</i> , 1994, 122, 73-89.	0.6	78
10	The use of cover crops in cereal-based cropping systems to control nitrate leaching in SE England. <i>Plant and Soil</i> , 2005, 273, 355-373.	1.8	70
11	Plant available soil phosphorus. Part I: the response of winter wheat and spring barley to Olsen P on a silty clay loam. <i>Soil Use and Management</i> , 2013, 29, 4-11.	2.6	59
12	Changes in soil organic matter over 70 years in continuous arable and ley-arable rotations on a sandy loam soil in England. <i>European Journal of Soil Science</i> , 2017, 68, 305-316.	1.8	54
13	Plant available soil phosphorus. Part II: the response of arable crops to Olsen P on a sandy clay loam and a silty clay loam. <i>Soil Use and Management</i> , 2013, 29, 12-21.	2.6	50
14	Effects of soil and fertilizer P on yields of potatoes, sugar beet, barley and winter wheat on a sandy clay loam soil at Saxmundham, Suffolk. <i>Journal of Agricultural Science</i> , 1986, 106, 155-167.	0.6	47
15	Phosphorus in Agriculture: A Review of Results from 175 Years of Research at Rothamsted, UK. <i>Journal of Environmental Quality</i> , 2019, 48, 1133-1144.	1.0	46
16	Turnover of Nitrogen-15 Labeled Fertilizer in Old Grassland. <i>Soil Science Society of America Journal</i> , 2004, 68, 865-875.	1.2	44
17	The fate of 15N added to high Arctic tundra to mimic increased inputs of atmospheric nitrogen released from a melting snowpack. <i>Global Change Biology</i> , 2005, 11, 1640-1654.	4.2	44
18	Determining the longer term decline in plant available soil phosphorus from short-term measured values. <i>Soil Use and Management</i> , 2016, 32, 151-161.	2.6	24

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19	Turnover of Nitrogen-15-Labeled Fertilizer in Old Grassland. Soil Science Society of America Journal, 2004, 68, 865.	1.2	12
20	Parsimonious modelling of nutrient fluxes for a terrestrial ecosystem on Svalbard. Biogeochemistry, 2006, 80, 57-69.	1.7	4
21	Can Long-Term Experiments Help Us Understand, and Manage, the Wider Landscape? Examples from Rothamsted, England. Innovations in Landscape Research, 2021, , 233-252.	0.2	3