

Philip Haygarth

List of Publications by Year in descending order

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151
papers

10,080
citations

28274

55
h-index

38395

95
g-index

163
all docs

163
docs citations

163
times ranked

8552
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards circular phosphorus: The need of inter- and transdisciplinary research to close the broken cycle. <i>Ambio</i> , 2022, 51, 611-622.	5.5	19
2	A meta-analysis of phosphatase activity in agricultural settings in response to phosphorus deficiency. <i>Soil Biology and Biochemistry</i> , 2022, 165, 108537.	8.8	22
3	Soil and Sustainable Development Goals, edited by Lal, R., Horn, R. & Kosaki, T. Catena/Schweizerbart, Stuttgart, 2018. vii + 196 pp. Paperback, €29.90. ISBN 978-3-10-65425-3. <i>European Journal of Soil Science</i> , 2021, 72, 487-488.		
4	Long term sugarcane straw removal affects soil phosphorus dynamics. <i>Soil and Tillage Research</i> , 2021, 208, 104898.	5.6	13
5	Effects of substrate quality on carbon partitioning and microbial community composition in soil from an agricultural grassland. <i>Applied Soil Ecology</i> , 2021, 161, 103881.	4.3	7
6	Cycling of reduced phosphorus compounds in soil and potential impacts of climate change. <i>European Journal of Soil Science</i> , 2021, 72, 2517-2537.	3.9	13
7	Citric Acid Effect on the Abundance, Size and Composition of Water-Dispersible Soil Colloids and Its Relationship to Soil Phosphorus Desorption: A Case Study. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 2436-2446.	3.4	9
8	Local solutions to global phosphorus imbalances. <i>Nature Food</i> , 2021, 2, 459-460.	14.0	14
9	On pedagogy of a Soil Science Centre for Doctoral Training. <i>European Journal of Soil Science</i> , 2021, 72, 2320-2329.	3.9	1
10	Innovations in soil science to address global grand challenges. <i>European Journal of Soil Science</i> , 2021, 72, 2317-2319.	3.9	1
11	Using a meta-analysis approach to understand complexity in soil biodiversity and phosphorus acquisition in plants. <i>Soil Biology and Biochemistry</i> , 2020, 142, 107695.	8.8	22
12	Phosphorus leaching from riparian soils with differing management histories under three grass species. <i>Journal of Environmental Quality</i> , 2020, 49, 74-84.	2.0	5
13	Identifying critical source areas using multiple methods for effective diffuse pollution mitigation. <i>Journal of Environmental Management</i> , 2019, 250, 109366.	7.8	26
14	Simultaneous Quantification of Soil Phosphorus Labile Pool and Desorption Kinetics Using DGTs and 3D-DIFS. <i>Environmental Science & Technology</i> , 2019, 53, 6718-6728.	10.0	23
15	Strong and recurring seasonality revealed within stream diatom assemblages. <i>Scientific Reports</i> , 2019, 9, 3313.	3.3	16
16	Transforming phosphorus use on the island of Ireland: A model for a sustainable system. <i>Science of the Total Environment</i> , 2019, 656, 852-861.	8.0	8
17	Phosphorus availability and dynamics in soil affected by long-term ruzigrass cover crop. <i>Geoderma</i> , 2019, 337, 434-443.	5.1	26
18	New approaches to enhance pollutant removal in artificially aerated wastewater treatment systems. <i>Science of the Total Environment</i> , 2018, 627, 1182-1194.	8.0	27

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19	Phosphorus acquisition by citrate- and phytase-exuding <i>Nicotiana tabacum</i> plant mixtures depends on soil phosphorus availability and root intermingling. <i>Physiologia Plantarum</i> , 2018, 163, 356-371.	5.2	35
20	A profile of 70 years of soil research. <i>European Journal of Soil Science</i> , 2018, 69, 21-22.	3.9	0
21	The challenges of modelling phosphorus in a headwater catchment: Applying a "limits of acceptability" uncertainty framework to a water quality model. <i>Journal of Hydrology</i> , 2018, 558, 607-624.	5.4	41
22	On the history and future of soil organic phosphorus research: a critique across three generations. <i>European Journal of Soil Science</i> , 2018, 69, 86-94.	3.9	23
23	Root development impacts on the distribution of phosphatase activity: Improvements in quantification using soil zymography. <i>Soil Biology and Biochemistry</i> , 2018, 116, 158-166.	8.8	40
24	Organic phosphorus in the terrestrial environment: a perspective on the state of the art and future priorities. <i>Plant and Soil</i> , 2018, 427, 191-208.	3.7	145
25	The stocks and flows of nitrogen, phosphorus and potassium across a 30-year time series for agriculture in Huantai county, China. <i>Science of the Total Environment</i> , 2018, 619-620, 606-620.	8.0	21
26	Opportunities for mobilizing recalcitrant phosphorus from agricultural soils: a review. <i>Plant and Soil</i> , 2018, 427, 5-16.	3.7	191
27	Inter- and intra-species intercropping of barley cultivars and legume species, as affected by soil phosphorus availability. <i>Plant and Soil</i> , 2018, 427, 125-138.	3.7	46
28	The Phosphorus Transfer Continuum: A Framework for Exploring Effects of Climate Change. <i>Agricultural and Environmental Letters</i> , 2018, 3, 180036.	1.2	20
29	<i>Urochloa ruziziensis</i> cover crop increases the cycling of soil inositol phosphates. <i>Biology and Fertility of Soils</i> , 2018, 54, 935-947.	4.3	9
30	The long-term soil phosphorus balance across Chinese arable land. <i>Soil Use and Management</i> , 2018, 34, 306-315.	4.9	18
31	Organic phosphorus: potential solutions for phosphorus security. <i>Plant and Soil</i> , 2018, 427, 1-3.	3.7	5
32	A method for uncertainty constraint of catchment discharge and phosphorus load estimates. <i>Hydrological Processes</i> , 2018, 32, 2779-2787.	2.6	15
33	Can tropical grasses grown as cover crops improve soil phosphorus availability?. <i>Soil Use and Management</i> , 2018, 34, 316-325.	4.9	9
34	Does the combination of citrate and phytase exudation in <i>Nicotiana tabacum</i> promote the acquisition of endogenous soil organic phosphorus?. <i>Plant and Soil</i> , 2017, 412, 43-59.	3.7	25
35	Water quality and UK agriculture: challenges and opportunities. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1201.	6.5	14
36	Linking the depletion of rhizosphere phosphorus to the heterologous expression of a fungal phytase in <i>Nicotiana tabacum</i> as revealed by enzyme-labile P and solution 31P NMR spectroscopy. <i>Rhizosphere</i> , 2017, 3, 82-91.	3.0	12

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37	Major agricultural changes required to mitigate phosphorus losses under climate change. <i>Nature Communications</i> , 2017, 8, 161.	12.8	121
38	Effect of citrate on <i>Aspergillus niger</i> phytase adsorption and catalytic activity in soil. <i>Geoderma</i> , 2017, 305, 346-353.	5.1	11
39	Response-based selection of barley cultivars and legume species for complementarity: Root morphology and exudation in relation to nutrient source. <i>Plant Science</i> , 2017, 255, 12-28.	3.6	41
40	Strategies for sustainable nutrient management: insights from a mixed natural and social science analysis of Chinese crop production systems. <i>Environmental Development</i> , 2017, 21, 52-65.	4.1	17
41	Mitigation of diffuse water pollution from agriculture in England and China, and the scope for policy transfer. <i>Land Use Policy</i> , 2017, 61, 208-219.	5.6	34
42	Prediction of storm transfers and annual loads with data-based mechanistic models using high-frequency data. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6425-6444.	4.9	9
43	Determining the Effect of Drying Time on Phosphorus Solubilization from Three Agricultural Soils under Climate Change Scenarios. <i>Journal of Environmental Quality</i> , 2017, 46, 1131-1136.	2.0	13
44	Uncertainty assessment of a dominant-process catchment model of dissolved phosphorus transfer. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4819-4835.	4.9	15
45	A methodâ€centric â€User Manualâ€™™ for the mitigation of diffuse water pollution from agriculture. <i>Soil Use and Management</i> , 2016, 32, 162-171.	4.9	20
46	Guiding phosphorus stewardship for multiple ecosystem services. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	3.1	30
47	Long-term accumulation and transport of anthropogenic phosphorus in three river basins. <i>Nature Geoscience</i> , 2016, 9, 353-356.	12.9	282
48	Organic Acids Regulation of Chemicalâ€™Microbial Phosphorus Transformations in Soils. <i>Environmental Science & Technology</i> , 2016, 50, 11521-11531.	10.0	102
49	Assessment of bioavailable organic phosphorus in tropical forest soils by organic acid extraction and phosphatase hydrolysis. <i>Geoderma</i> , 2016, 284, 93-102.	5.1	47
50	Lattice Boltzmann method for the fractional advection-diffusion equation. <i>Physical Review E</i> , 2016, 93, 043310.	2.1	13
51	Changing climate and nutrient transfers: Evidence from high temporal resolution concentration-flow dynamics in headwater catchments. <i>Science of the Total Environment</i> , 2016, 548-549, 325-339.	8.0	102
52	A Holistic Approach to Understanding the Desorption of Phosphorus in Soils. <i>Environmental Science & Technology</i> , 2016, 50, 3371-3381.	10.0	71
53	Can Policy Be Riskâ€™Based? The Cultural Theory of Risk and the Case of Livestock Disease Containment. <i>Sociologia Ruralis</i> , 2015, 55, 379-399.	3.4	21
54	Dissolved Phosphorus Retention in Buffer Strips: Influence of Slope and Soil Type. <i>Journal of Environmental Quality</i> , 2015, 44, 1216-1224.	2.0	16

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55	Digital catchment observatories: A platform for engagement and knowledge exchange between catchment scientists, policy makers, and local communities. <i>Water Resources Research</i> , 2015, 51, 4815-4822.	4.2	24
56	Understanding and managing de-icer contamination of airport surface waters: A synthesis and future perspectives. <i>Environmental Technology and Innovation</i> , 2015, 3, 46-62.	6.1	14
57	Dominant mechanisms for the delivery of fine sediment and phosphorus to fluvial networks draining grassland dominated headwater catchments. <i>Science of the Total Environment</i> , 2015, 523, 178-190.	8.0	55
58	Land use and soil factors affecting accumulation of phosphorus species in temperate soils. <i>Geoderma</i> , 2015, 257-258, 29-39.	5.1	133
59	A cloud based tool for knowledge exchange on local scale flood risk. <i>Journal of Environmental Management</i> , 2015, 161, 38-50.	7.8	18
60	High-frequency monitoring of nitrogen and phosphorus response in three rural catchments to the end of the 2011â€“2012 drought in England. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 3429-3448.	4.9	103
61	Review of the <scp>A</scp>nual <scp>P</scp>hosphorus <scp>L</scp>oss <scp>E</scp>stimator tool â€“ a new model for estimating phosphorus losses at the field scale. <i>Soil Use and Management</i> , 2014, 30, 337-341.	4.9	8
62	Using organic phosphorus to sustain pasture productivity: A perspective. <i>Geoderma</i> , 2014, 221-222, 11-19.	5.1	111
63	A Meta-Analysis of Organic and Inorganic Phosphorus in Organic Fertilizers, Soils, and Water: Implications for Water Quality. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 2172-2202.	12.8	79
64	Developing Demonstration Test Catchments as a platform for transdisciplinary land management research in England and Wales. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1618-1628.	3.5	58
65	Temporal dynamics between cattle in-stream presence and suspended solids in a headwater catchment. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1570.	3.5	15
66	High frequency variability of environmental drivers determining benthic community dynamics in headwater streams. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1629-1636.	3.5	14
67	Sustainable Phosphorus Management and the Need for a Long-Term Perspective: The Legacy Hypothesis. <i>Environmental Science & Technology</i> , 2014, 48, 8417-8419.	10.0	161
68	Phosphorus in soils and its transfer to water: from fineâ€“scale soil processes to models and solutions in landscapes and catchments. <i>Soil Use and Management</i> , 2013, 29, 1-5.	4.9	12
69	Microbial biomass phosphorus contributions to phosphorus solubility in riparian vegetated buffer strip soils. <i>Biology and Fertility of Soils</i> , 2013, 49, 1237-1241.	4.3	15
70	Role of legacy phosphorus in improving global phosphorus-use efficiency. <i>Environmental Development</i> , 2013, 8, 147-148.	4.1	41
71	Designing Grass Cultivars for Droughts and Floods. , 2013, , 171-179.		4
72	Estimating phosphorus delivery with its mitigation measures from soil to stream using fuzzy rules. <i>Soil Use and Management</i> , 2013, 29, 187-198.	4.9	12

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73	Estimating phosphorus delivery from land to water in headwater catchments using a fuzzy decision tree approach. <i>Soil Use and Management</i> , 2013, 29, 175-186.	4.9	8
74	Policy, practice and decision making for zoonotic disease management: Water and Cryptosporidium. <i>Environment International</i> , 2012, 40, 70-78.	10.0	12
75	Determining E. coli burden on pasture in a headwater catchment: Combined field and modelling approach. <i>Environment International</i> , 2012, 43, 6-12.	10.0	14
76	Comparing empirical models for sediment and phosphorus transfer from soils to water at field and catchment scale under data uncertainty. <i>European Journal of Soil Science</i> , 2012, 63, 211-223.	3.9	23
77	Recovering Phosphorus from Soil: A Root Solution?. <i>Environmental Science & Technology</i> , 2012, 46, 1977-1978.	10.0	116
78	Phosphorus Retention and Remobilization in Vegetated Buffer Strips: A Review. <i>Journal of Environmental Quality</i> , 2012, 41, 389-399.	2.0	120
79	Scaling up the phosphorus signal from soil hillslopes to headwater catchments. <i>Freshwater Biology</i> , 2012, 57, 7-25.	2.4	58
80	The Effects of Climate Change on the Mobilization of Diffuse Substances from Agricultural Systems. <i>Advances in Agronomy</i> , 2012, , 41-77.	5.2	13
81	Uncertainties in the governance of animal disease: an interdisciplinary framework for analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2023-2034.	4.0	25
82	Using artificial fluorescent particles as tracers of livestock wastes within an agricultural catchment. <i>Science of the Total Environment</i> , 2011, 409, 1095-1103.	8.0	6
83	Towards a Holistic Classification of Diffuse Agricultural Water Pollution from Intensively Managed Grasslands on Heavy Soils. <i>Advances in Agronomy</i> , 2010, 105, 83-115.	5.2	39
84	High Temporal Resolution Monitoring of Multiple Pollutant Responses in Drainage from an Intensively Managed Grassland Catchment Caused by a Summer Storm. <i>Water, Air, and Soil Pollution</i> , 2010, 205, 377-393.	2.4	25
85	Integrating water and agricultural management under climate change. <i>Science of the Total Environment</i> , 2010, 408, 5619-5622.	8.0	12
86	A "culture" change in catchment microbiology?. <i>Hydrological Processes</i> , 2010, 24, 2973-2976.	2.6	10
87	Phosphorus Solubilization and Potential Transfer to Surface Waters from the Soil Microbial Biomass Following Drying"Rewetting and Freezing"Thawing. <i>Advances in Agronomy</i> , 2010, 106, 1-35.	5.2	115
88	Ensemble evaluation of hydrological model hypotheses. <i>Water Resources Research</i> , 2010, 46, .	4.2	83
89	Re-shaping models of E. coli population dynamics in livestock faeces: Increased bacterial risk to humans?. <i>Environment International</i> , 2010, 36, 1-7.	10.0	41
90	Assessment of natural fluorescence as a tracer of diffuse agricultural pollution from slurry spreading on intensively-farmed grasslands. <i>Water Research</i> , 2010, 44, 1701-1712.	11.3	40

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91	Assessing multiple novel tracers to improve the understanding of the contribution of agricultural farm waste to diffuse water pollution. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1159.	2.1	11
92	Assessing catchment-scale erosion and yields of suspended solids from improved temperate grassland. <i>Journal of Environmental Monitoring</i> , 2010, 12, 731.	2.1	63
93	Interactions Among Agricultural Production and Other Ecosystem Services Delivered from European Temperate Grassland Systems. <i>Advances in Agronomy</i> , 2010, 109, 117-154.	5.2	62
94	Mitigating Diffuse Phosphorus Transfer from Agriculture According to Cost and Efficiency. <i>Journal of Environmental Quality</i> , 2009, 38, 2012-2022.	2.0	37
95	The wavelet packet transform: A technique for investigating temporal variation of river water solutes. <i>Journal of Hydrology</i> , 2009, 379, 1-19.	5.4	28
96	Effects of soil drying and rate of re-wetting on concentrations and forms of phosphorus in leachate. <i>Biology and Fertility of Soils</i> , 2009, 45, 635-643.	4.3	73
97	The future of soils and land use in the UK: Soil systems for the provision of land-based ecosystem services. <i>Land Use Policy</i> , 2009, 26, S187-S197.	5.6	167
98	Impacts of Climate Change on Indirect Human Exposure to Pathogens and Chemicals from Agriculture. <i>Environmental Health Perspectives</i> , 2009, 117, 508-514.	6.0	193
99	Uncertainties in Data and Models to Describe Event Dynamics of Agricultural Sediment and Phosphorus Transfer. <i>Journal of Environmental Quality</i> , 2009, 38, 1137-1148.	2.0	75
100	Drying and rewetting effects on soil microbial community composition and nutrient leaching. <i>Soil Biology and Biochemistry</i> , 2008, 40, 302-311.	8.8	299
101	Stream water chemistry and quality along an upland–lowland rural land-use continuum, south west England. <i>Journal of Hydrology</i> , 2008, 350, 215-231.	5.4	47
102	Rethinking the Contribution of Drained and Undrained Grasslands to Sediment-Related Water Quality Problems. <i>Journal of Environmental Quality</i> , 2008, 37, 906-914.	2.0	62
103	Application of Flow Field-Flow Fractionation and Laser Sizing to Characterize Soil Colloids in Drained and Undrained Lysimeters. <i>Journal of Environmental Quality</i> , 2008, 37, 1656-1660.	2.0	7
104	The Impacts of Grazing Animals on the Quality of Soils, Vegetation, and Surface Waters in Intensively Managed Grasslands. <i>Advances in Agronomy</i> , 2007, 94, 237-280.	5.2	265
105	Controls on Catchment-Scale Patterns of Phosphorus in Soil, Streambed Sediment, and Stream Water. <i>Journal of Environmental Quality</i> , 2007, 36, 694-708.	2.0	37
106	Processes affecting transfer of sediment and colloids, with associated phosphorus, from intensively farmed grasslands: tracing sediment and organic matter. <i>Hydrological Processes</i> , 2007, 21, 417-422.	2.6	35
107	Processes affecting transfer of sediment and colloids, with associated phosphorus, from intensively farmed grasslands: colloid and sediment characterization methods. <i>Hydrological Processes</i> , 2007, 21, 275-279.	2.6	14
108	Processes affecting transfer of sediment and colloids, with associated phosphorus, from intensively farmed grasslands: erosion. <i>Hydrological Processes</i> , 2007, 21, 135-139.	2.6	28

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109	Genetically modified hydrographs: what can grass genetics do for temperate catchment hydrology?. <i>Hydrological Processes</i> , 2007, 21, 2217-2221.	2.6	24
110	A perspective on the role of lowland, agricultural grasslands in contributing to erosion and water quality problems in the UK. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 964-967.	2.5	23
111	Effects of tillage and reseeded on phosphorus transfers from grassland. <i>Soil Use and Management</i> , 2007, 23, 71-81.	4.9	46
112	Agriculture, phosphorus and eutrophication: a European perspective. <i>Soil Use and Management</i> , 2007, 23, 1-4.	4.9	229
113	Land use scenarios for England and Wales: evaluation of management options to support 'good ecological status' in surface freshwaters. <i>Soil Use and Management</i> , 2007, 23, 176-194.	4.9	60
114	Integration for sustainable catchment management. <i>Science of the Total Environment</i> , 2007, 373, 591-602.	8.0	82
115	Preferential Attachment of <i>Escherichia coli</i> to Different Particle Size Fractions of an Agricultural Grassland Soil. <i>Water, Air, and Soil Pollution</i> , 2007, 185, 369-375.	2.4	81
116	Differential <i>E. coli</i> Die-Off Patterns Associated with Agricultural Matrices. <i>Environmental Science & Technology</i> , 2006, 40, 5710-5716.	10.0	61
117	The Influence of Sample Preparation on Observed Particle Size Distributions for Contrasting Soil Suspensions using Flow Field-Flow Fractionation. <i>Environmental Chemistry</i> , 2006, 3, 184.	1.5	40
118	Processes affecting transfer of sediment and colloids, with associated phosphorus, from intensively farmed grasslands: an overview of key issues. <i>Hydrological Processes</i> , 2006, 20, 4407-4413.	2.6	73
119	The phosphorus transfer continuum: Linking source to impact with an interdisciplinary and multi-scaled approach. <i>Science of the Total Environment</i> , 2005, 344, 5-14.	8.0	244
120	Phosphatase activity in temperate pasture soils: Potential regulation of labile organic phosphorus turnover by phosphodiesterase activity. <i>Science of the Total Environment</i> , 2005, 344, 27-36.	8.0	180
121	Phosphorus dynamics observed through increasing scales in a nested headwater-to-river channel study. <i>Science of the Total Environment</i> , 2005, 344, 83-106.	8.0	86
122	Linking landscape sources of phosphorus and sediment to ecological impacts in surface waters. <i>Science of the Total Environment</i> , 2005, 344, 1-3.	8.0	23
123	Transfer of <i>Escherichia coli</i> to Water from Drained and Undrained Grassland after Grazing. <i>Journal of Environmental Quality</i> , 2005, 34, 918-925.	2.0	66
124	Spatial Variability of Soil Phosphorus in Relation to the Topographic Index and Critical Source Areas. <i>Journal of Environmental Quality</i> , 2005, 34, 2263-2277.	2.0	104
125	Assessing the Potential for Pathogen Transfer from Grassland Soils to Surface Waters. <i>Advances in Agronomy</i> , 2005, 85, 125-180.	5.2	62
126	Comparison of Centrifugation and Filtration Techniques for the Size Fractionation of Colloidal Material in Soil Suspensions Using Sedimentation Field-Flow Fractionation. <i>Environmental Science & Technology</i> , 2005, 39, 1731-1735.	10.0	123

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127	Evaluating diffuse and point phosphorus contributions to river transfers at different scales in the Taw catchment, Devon, UK. <i>Journal of Hydrology</i> , 2005, 304, 118-138.	5.4	62
128	Potential contribution of lysed bacterial cells to phosphorus solubilisation in two rewetted Australian pasture soils. <i>Soil Biology and Biochemistry</i> , 2003, 35, 187-189.	8.8	143
129	Environmental applications of flow field-flow fractionation (FIFFF). <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 615-633.	11.4	79
130	Inositol phosphates in the environment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002, 357, 449-469.	4.0	617
131	Characterisation of water-extractable soil organic phosphorus by phosphatase hydrolysis. <i>Soil Biology and Biochemistry</i> , 2002, 34, 27-35.	8.8	211
132	Title is missing!. <i>Nutrient Cycling in Agroecosystems</i> , 2001, 59, 269-284.	2.2	160
133	Phosphorus solubilization in rewetted soils. <i>Nature</i> , 2001, 411, 258-258.	27.8	352
134	Potential for Preferential Pathways of Phosphorus Transport. <i>Journal of Environmental Quality</i> , 2000, 29, 97-105.	2.0	212
135	Terminology for Phosphorus Transfer. <i>Journal of Environmental Quality</i> , 2000, 29, 10-15.	2.0	222
136	Phosphorus Forms and Concentrations in Leachate under Four Grassland Soil Types. <i>Soil Science Society of America Journal</i> , 2000, 64, 1090-1099.	2.2	148
137	Transfer of Phosphorus from Agricultural Soil. <i>Advances in Agronomy</i> , 1999, 66, 195-249.	5.2	236
138	Hydrological Factors for Phosphorus Transfer from Agricultural Soils. <i>Advances in Agronomy</i> , 1999, , 153-178.	5.2	72
139	Preconcentration and Separation of Trace Phosphorus Compounds in Soil Leachate. <i>Journal of Environmental Quality</i> , 1999, 28, 1497-1504.	2.0	59
140	Phosphorus Leaching Under Cut Grassland. <i>Water Science and Technology</i> , 1999, 39, 63-67.	2.5	8
141	Phosphorus budgets for two contrasting grassland farming systems in the UK. <i>Soil Use and Management</i> , 1998, 14, 160-167.	4.9	132
142	Forms of phosphorus transfer in hydrological pathways from soil under grazed grassland. <i>European Journal of Soil Science</i> , 1998, 49, 65-72.	3.9	252
143	Determination of Total Dissolved Phosphorus in Soil Solutions. <i>Journal of Environmental Quality</i> , 1997, 26, 410-415.	2.0	151
144	Size distribution of colloidal molybdate reactive phosphorus in river waters and soil solution. <i>Water Research</i> , 1997, 31, 439-448.	11.3	145

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145	Soil derived phosphorus in surface runoff from grazed grassland lysimeters. <i>Water Research</i> , 1997, 31, 140-148.	11.3	88
146	Short-Term Changes in the Molybdate Reactive Phosphorus of Stored Soil Waters. <i>Journal of Environmental Quality</i> , 1995, 24, 1133-1140.	2.0	53
147	Determination of gaseous and particulate selenium over a rural grassland in the U.K.. <i>Atmospheric Environment</i> , 1994, 28, 3655-3663.	4.1	16
148	Geographical and seasonal variation in deposition of selenium to vegetation. <i>Environmental Science & Technology</i> , 1993, 27, 2878-2884.	10.0	8
149	Phosphorus Mobility in the Landscape. <i>Agronomy</i> , 0, , 941-979.	0.2	9
150	Soil phosphorus over a period of agricultural change in Scotland. <i>European Journal of Soil Science</i> , 0, , .	3.9	1
151	Grazing and topography control nutrient pools in low Arctic soils of southwest Greenland. <i>European Journal of Soil Science</i> , 0, , .	3.9	0