Paul J A Withers

List of Publications by Year
in descending order

51 papers	5,039 citations	136740 32 h-index	182168 51 g-index
52 all docs	52 docs citations	52 times ranked	5541 citing authors

#	Article	IF	Citations
1	Are stakeholders ready to transform phosphorus use in food systems? A transdisciplinary study in a livestock intensive system. Environmental Science and Policy, 2022, 131, 177-187.	2.4	10
2	UK Government Policy and the Transition to a Circular Nutrient Economy. Sustainability, 2022, 14, 3310.	1.6	6
3	A new direction for tackling phosphorus inefficiency in the UK food system. Journal of Environmental Management, 2022, 314, 115021.	3.8	4
4	Map of total phosphorus content in native soils of Brazil. Scientia Agricola, 2021, 78, .	0.6	8
5	Towards resolving the phosphorus chaos created by food systems. Ambio, 2020, 49, 1076-1089.	2.8	41
6	Combining Seed Dressing and Foliar Applications of Phosphorus Fertilizer Can Give Similar Crop Growth and Yield Benefits to Soil Applications Together With Greater Recovery Rates. Frontiers in Agronomy, 2020, 2, .	1.5	5
7	Plant-based diets add to the wastewater phosphorus burden. Environmental Research Letters, 2020, 15, 094018.	2.2	12
8	A Global Perspective on Integrated Strategies to Manage Soil Phosphorus Status for Eutrophication Control without Limiting Land Productivity. Journal of Environmental Quality, 2019, 48, 1234-1246.	1.0	48
9	Closing the phosphorus cycle. Nature Sustainability, 2019, 2, 1001-1002.	11.5	40
10	A Global Perspective on Phosphorus Management Decision Support in Agriculture: Lessons Learned and Future Directions. Journal of Environmental Quality, 2019, 48, 1218-1233.	1.0	22
11	Phosphate Sources and Filter Cake Amendment Affecting Sugarcane Yield and Soil Phosphorus Fractions. Revista Brasileira De Ciencia Do Solo, 2019, 43, .	0.5	15
12	Improving phosphorus sustainability of sugarcane production in Brazil. GCB Bioenergy, 2019, 11, 1444-1455.	2.5	37
13	Solubility, Diffusion and Crop Uptake of Phosphorus in Three Different Struvites. Sustainability, 2019, 11, 134.	1.6	47
14	Phosphorus recovery: a need for an integrated approach. Ecosystem Health and Sustainability, 2018, 4, 48-57.	1.5	58
15	Transitions to sustainable management of phosphorus in Brazilian agriculture. Scientific Reports, 2018, 8, 2537.	1.6	172
16	Life Cycle Assessment of Biofertilizer Production and Use Compared with Conventional Liquid Digestate Management. Environmental Science & Technology, 2018, 52, 7468-7476.	4.6	68
17	Achieving Sustainable Phosphorus Use in Food Systems through Circularisation. Sustainability, 2018, 10, 1804.	1.6	45
18	Removal and attenuation of sewage effluent combined tracer signals of phosphorus, caffeine and saccharin in soil. Environmental Pollution, 2017, 223, 277-285.	3.7	11

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19	Potential tracers for tracking septic tank effluent discharges in watercourses. Environmental Pollution, 2017, 228, 245-255.	3.7	31
20	Reducing soil phosphorus fertility brings potential long-term environmental gains: A UK analysis. Environmental Research Letters, 2017, 12, 063001.	2.2	52
21	Effects of Cover Crops and Phosphorus Sources on Maize Yield, Phosphorus Uptake, and Phosphorus Use Efficiency. Agronomy Journal, 2017, 109, 1039-1047.	0.9	45
22	Guiding phosphorus stewardship for multiple ecosystem services. Ecosystem Health and Sustainability, 2016, 2, .	1.5	30
23	Temporal variability in domestic point source discharges and their associated impact on receiving waters. Science of the Total Environment, 2016, 571, 1275-1283.	3.9	17
24	Sustainable strategies towards a phosphorus circular economy. Nutrient Cycling in Agroecosystems, 2016, 104, 259-264.	1.1	44
25	Struvite: a slow-release fertiliser for sustainable phosphorus management?. Plant and Soil, 2016, 401, 109-123.	1.8	235
26	Septic tank discharges as multi-pollutant hotspots in catchments. Science of the Total Environment, 2016, 542, 854-863.	3.9	64
27	Legacy phosphorus and no tillage agriculture in tropical oxisols of the Brazilian savanna. Science of the Total Environment, 2016, 542, 1050-1061.	3.9	161
28	Integrating legacy soil phosphorus into sustainable nutrient management strategies for future food, bioenergy and water security. Nutrient Cycling in Agroecosystems, 2016, 104, 393-412.	1.1	199
29	Future agriculture with minimized phosphorus losses to waters: Research needs and direction. Ambio, 2015, 44, 163-179.	2.8	210
30	Stewardship to tackle global phosphorus inefficiency: The case of Europe. Ambio, 2015, 44, 193-206.	2.8	174
31	Implementing agricultural phosphorus science and management to combat eutrophication. Ambio, 2015, 44, 297-310.	2.8	164
32	Greening the global phosphorus cycle: how green chemistry can help achieve planetary P sustainability. Green Chemistry, 2015, 17, 2087-2099.	4.6	170
33	The contribution of household chemicals to environmental discharges via effluents: Combining chemical and behavioural data. Journal of Environmental Management, 2015, 150, 427-434.	3.8	25
34	Agriculture and Eutrophication: Where Do We Go from Here?. Sustainability, 2014, 6, 5853-5875.	1.6	370
35	Phosphate depletion modulates auxin transport in Triticum aestivum leading to altered root branching. Journal of Experimental Botany, 2014, 65, 5023-5032.	2.4	31
36	Feed the Crop Not the Soil: Rethinking Phosphorus Management in the Food Chain. Environmental Science & Technology, 2014, 48, 6523-6530.	4.6	224

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37	Prioritizing Waterbodies To Balance Agricultural Production and Environmental Outcomes. Environmental Science & Technology, 2014, 48, 7697-7699.	4.6	17
38	REVIEW: Nutrient stripping: the global disparity between food security and soil nutrient stocks. Journal of Applied Ecology, 2013, 50, 851-862.	1.9	199
39	Phosphorus Mitigation to Control River Eutrophication: Murky Waters, Inconvenient Truths, and â€œPostnormalâ€• Science. Journal of Environmental Quality, 2013, 42, 295-304.	1.0	238
40	Advances in the understanding of nutrient dynamics and management in UK agriculture. Science of the Total Environment, 2012, 434, 39-50.	3.9	101
41	Quantifying Phosphorus Retention and Release in Rivers and Watersheds Using Extended Endâ€Member Mixing Analysis (Eâ€EMMA). Journal of Environmental Quality, 2011, 40, 492-504.	1.0	35
42	The strategic significance of wastewater sources to pollutant phosphorus levels in English rivers and to environmental management for rural, agricultural and urban catchments. Science of the Total Environment, 2010, 408, 1485-1500.	3.9	73
43	Sewage-effluent phosphorus: A greater risk to river eutrophication than agricultural phosphorus?. Science of the Total Environment, 2006, 360, 246-253.	3.9	387
44	Nutrient hydrochemistry for a groundwater-dominated catchment: The Hampshire Avon, UK. Science of the Total Environment, 2005, 344, 143-158.	3.9	59
45	Incidental phosphorus lossesâ€" are they significant and can they be predicted?. Journal of Plant Nutrition and Soil Science, 2003, 166, 459-468.	1.1	131
46	Agricultural nutrient inputs to rivers and groundwaters in the UK: policy, environmental management and research needs. Science of the Total Environment, 2002, 282-283, 9-24.	3.9	166
47	Phosphorus Transfer in Runoff Following Application of Fertilizer, Manure, and Sewage Sludge. Journal of Environmental Quality, 2001, 30, 180-188.	1.0	161
48	Practical and Innovative Measures for the Control of Agricultural Phosphorus Losses to Water: An Overview. Journal of Environmental Quality, 2000, 29, 1-9.	1.0	343
49	Prospects for Controlling Nonpoint Phosphorus Loss to Water: A UK Perspective. Journal of Environmental Quality, 2000, 29, 167-175.	1.0	82
50	The environmentally-sound management of agricultural phosphorus. Fertilizer Research, 1994, 39, 133-146.	0.5	146
51	Environmental Management of Phosphorus Fertilizers. Agronomy, 0, , 781-827.	0.2	4