Allison M Leach

List of Publications by Year
in descending order

42 papers	4,598 citations	257101 24 h-index	315357 38 g-index
43 all docs	43 docs citations	43 times ranked	5665 citing authors

#	Article	IF	Citations
1	The global nitrogen cycle in the twenty-first century. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130164.	1.8	1,114
2	Consequences of human modification of the global nitrogen cycle. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130116.	1.8	635
3	A nitrogen footprint model to help consumers understand their role in nitrogen losses to the environment. Environmental Development, 2012, 1, 40-66.	1.8	372
4	Meeting future food demand with current agricultural resources. Global Environmental Change, 2016, 39, 125-132.	3.6	277
5	Environmental footprint family to address local to planetary sustainability and deliver on the SDGs. Science of the Total Environment, 2019, 693, 133642.	3.9	245
6	Food and feed trade as a driver in the global nitrogen cycle: 50-year trends. Biogeochemistry, 2014, 118, 225-241.	1.7	240
7	Nitrogen footprints: past, present and future. Environmental Research Letters, 2014, 9, 115003.	2.2	222
8	A chronology of human understanding of the nitrogen cycle <sup />. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130120.	1.8	202
9	Environmental impact food labels combining carbon, nitrogen, and water footprints. Food Policy, 2016, 61, 213-223.	2.8	144
10	Nitrogen Footprint in China: Food, Energy, and Nonfood Goods. Environmental Science & Technology, 2013, 47, 9217-9224.	4.6	122
11	The environmental cost of subsistence: Optimizing diets to minimize footprints. Science of the Total Environment, 2016, 553, 120-127.	3.9	121
12	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. Ambio, 2017, 46, 129-142.	2.8	102
13	The nitrogen footprint of food products and general consumption patterns in Austria. Food Policy, 2014, 49, 128-136.	2.8	94
14	First approach to the Japanese nitrogen footprint model to predict the loss of nitrogen to the environment. Environmental Research Letters, 2014, 9, 115013.	2.2	75
15	Intentional versus unintentional nitrogen use in the United States: trends, efficiency and implications. Biogeochemistry, 2013, 114, 11-23.	1.7	72
16	Personal nitrogen footprint tool for the United Kingdom. Environmental Sciences: Processes and Impacts, 2014, 16, 1563-1569.	1.7	62
17	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Productionâ€“Consumption Chain. Sustainability, 2018, 10, 925.	1.6	62
18	Beef and coal are key drivers of Australiaâ€™s high nitrogen footprint. Scientific Reports, 2016, 6, 39644.	1.6	51

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19	Toward Institutional Sustainability: A Nitrogen Footprint Model for a University. Sustainability, 2013, 6, 211-219.	0.9	44
20	Toward a nitrogen footprint calculator for Tanzania. Environmental Research Letters, 2017, 12, 034016.	2.2	44
21	How Chinaâ€™s nitrogen footprint of food has changed from 1961 to 2010. Environmental Research Letters, 2017, 12, 104006.	2.2	44
22	Nitrogen-neutrality: a step towards sustainability. Environmental Research Letters, 2014, 9, 115001.	2.2	34
23	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. Soil Research, 2017, 55, 417.	0.6	33
24	Reactive nitrogen spatial intensity (NrSI): A new indicator for environmental sustainability. Global Environmental Change, 2018, 52, 101-107.	3.6	25
25	The Nitrogen Footprint Tool Network: A Multi-Institution Program To Reduce Nitrogen Pollution. Sustainability, 2017, 10, 79-88.	0.9	23
26	An Integrated Tool for Calculating and Reducing Institution Carbon and Nitrogen Footprints. Sustainability, 2017, 10, 140-148.	0.9	20
27	The U.S. consumer phosphorus footprint: where do nitrogen and phosphorus diverge?. Environmental Research Letters, 2020, 15, 105022.	2.2	19
28	The nitrogen footprint of organic food in the United States. Environmental Research Letters, 2020, 15, 045004.	2.2	15
29	Assessing the Social and Environmental Costs of Institution Nitrogen Footprints. Sustainability, 2017, 10, 114-122.	0.9	14
30	The nitrogen footprint for an Australian university: Institutional change for corporate sustainability. Journal of Cleaner Production, 2018, 197, 534-541.	4.6	14
31	Your feet's too big. Nature Geoscience, 2016, 9, 97-98.	5.4	9
32	Ancient water supports today's energy needs. Earth's Future, 2017, 5, 515-519.	2.4	9
33	Differences in Environmental Impact and Food Expenditures of Four Different Plant-based Diets and an Omnivorous Diet: Results of a Randomized, Controlled Intervention. Journal of Hunger and Environmental Nutrition, 2016, 11, 382-395.	1.1	8
34	A community nitrogen footprint analysis of Baltimore City, Maryland. Environmental Research Letters, 2020, 15, 075007.	2.2	7
35	Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants and Climate Change. , 2014, , 493-505.		5
36	Comparing Institution Nitrogen Footprints: Metrics for Assessing and Tracking Environmental Impact. Sustainability, 2017, 10, 105-113.	0.9	5

#	Article	IF	Citations
37	Sustainable Pathways for Meeting Future Food Demand. , 2019, , 14-20.		5
38	Defining System Boundaries of an Institution Nitrogen Footprint. Sustainability, 2017, 10, 123-130.	0.9	2
39	Informing a sustainable food future. Environmental Research Letters, 2017, 12, 111002.	2.2	2
40	Workshop on Nitrogen Deposition, Critical Loads and Biodiversity: Scientific Synthesis and Summary for Policy Makers. , 2014, , 507-526.		1
41	Greenhouse Gas Footprints for Physicists. Physics Teacher, 2020, 58, 238-240.	0.2	1
42	Universities, Sustainability, and Nitrogen Pollution. Sustainability, 2017, 10, 68-70.	0.9	0