Allison M Leach

List of Publications by Year in Descending Order

42 papers	3,281 citations	22 h-index	43 g-index
43 ext. papers	3,976 ext. citations	5.3 avg, IF	5.07 L-index

#	Paper	IF	Citations
42	Greenhouse Gas Footprints for Physicists. *Physics Teacher*, **2020**, 58, 238-240	0.4	1
41	A community nitrogen footprint analysis of Baltimore City, Maryland. *Environmental Research Letters*, **2020**, 15, 075007	6.2	4
40	The nitrogen footprint of organic food in the United States. *Environmental Research Letters*, **2020**, 15, 045004	6.2	10
39	A First Approach to the Calculation of Nitrogen Footprint in Lisbon, Portugal **2020**, 433-442		1
38	The U.S. consumer phosphorus footprint: where do nitrogen and phosphorus diverge?. *Environmental Research Letters*, **2020**, 15, 105022	6.2	9
37	Sustainable Pathways for Meeting Future Food Demand **2019**, 14-20		4
36	Environmental footprint family to address local to planetary sustainability and deliver on the SDGs. *Science of the Total Environment*, **2019**, 693, 133642	10.2	144
35	Reactive nitrogen spatial intensity (NrSI): A new indicator for environmental sustainability. *Global Environmental Change*, **2018**, 52, 101-107	10.1	19
34	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Production□Consumption Chain. *Sustainability*, **2018**, 10, 925	3.6	45
33	The nitrogen footprint for an Australian university: Institutional change for corporate sustainability. *Journal of Cleaner Production*, **2018**, 197, 534-541	10.3	12
32	An Integrated Tool for Calculating and Reducing Institution Carbon and Nitrogen Footprints. *Sustainability*, **2017**, 10, 140-148	0.9	17
31	Toward a nitrogen footprint calculator for Tanzania. *Environmental Research Letters*, **2017**, 12, 034016	6.2	32
30	Universities, Sustainability, and Nitrogen Pollution. *Sustainability*, **2017**, 10, 68-70	0.9	
29	Comparing Institution Nitrogen Footprints: Metrics for Assessing and Tracking Environmental Impact. *Sustainability*, **2017**, 10, 105-113	0.9	5
28	Assessing the Social and Environmental Costs of Institution Nitrogen Footprints. *Sustainability*, **2017**, 10, 114-122	0.9	10
27	The Nitrogen Footprint Tool Network: A Multi-Institution Program To Reduce Nitrogen Pollution. *Sustainability*, **2017**, 10, 79-88	0.9	22
26	Defining System Boundaries of an Institution Nitrogen Footprint. *Sustainability*, **2017**, 10, 123-130	0.9	2

25	How China's nitrogen footprint of food has changed from 1961 to 2010. *Environmental Research Letters*, **2017**, 12, 104006	6.2	34
24	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. *Soil Research*, **2017**, 55, 417	1.8	21
23	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. *Ambio*, **2017**, 46, 129-142	6.5	70
22	Informing a sustainable food future. *Environmental Research Letters*, **2017**, 12, 111002	6.2	2
21	Ancient water supports today's energy needs. *Earth's Future*, **2017**, 5, 515-519	7.9	8
20	Beef and coal are key drivers of Australia's high nitrogen footprint. *Scientific Reports*, **2016**, 6, 39644	4.9	39
19	The environmental cost of subsistence: Optimizing diets to minimize footprints. *Science of the Total Environment*, **2016**, 553, 120-127	10.2	91
18	Meeting future food demand with current agricultural resources. *Global Environmental Change*, **2016**, 39, 125-132	10.1	188
17	Environmental impact food labels combining carbon, nitrogen, and water footprints. *Food Policy*, **2016**, 61, 213-223	5	102
16	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	1.5	4
15	Food and feed trade as a driver in the global nitrogen cycle: 50-year trends. *Biogeochemistry*, **2014**, 118, 225-241	3.8	167
14	Personal nitrogen footprint tool for the United Kingdom. *Environmental Sciences: Processes and Impacts*, **2014**, 16, 1563-9	4.3	49
13	The nitrogen footprint of food products and general consumption patterns in Austria. *Food Policy*, **2014**, 49, 128-136	5	76
12	Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants and Climate Change **2014**, 493-505		5
11	First approach to the Japanese nitrogen footprint model to predict the loss of nitrogen to the environment. *Environmental Research Letters*, **2014**, 9, 115013	6.2	63
10	Nitrogen-neutrality: a step towards sustainability. *Environmental Research Letters*, **2014**, 9, 115001	6.2	32
9	Workshop on Nitrogen Deposition, Critical Loads and Biodiversity: Scientific Synthesis and Summary for Policy Makers **2014**, 507-526		1
8	Nitrogen footprints: past, present and future. *Environmental Research Letters*, **2014**, 9, 115003	6.2	161

7	Intentional versus unintentional nitrogen use in the United States: trends, efficiency and implications. *Biogeochemistry*, **2013**, 114, 11-23	3.8	60
6	A chronology of human understanding of the nitrogen cycle. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2013**, 368, 20130120	5.8	147
5	Nitrogen footprint in China: food, energy, and nonfood goods. *Environmental Science & Technology*, **2013**, 47, 9217-24	10.3	97
4	The global nitrogen cycle in the twenty-first century. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2013**, 368, 20130164	5.8	727
3	Consequences of human modification of the global nitrogen cycle. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2013**, 368, 20130116	5.8	456
2	Toward Institutional Sustainability: A Nitrogen Footprint Model for a University. *Sustainability*, **2013**, 6, 211-219	0.9	42
1	A nitrogen footprint model to help consumers understand their role in nitrogen losses to the environment. *Environmental Development*, **2012**, 1, 40-66	4.1	294