

Allison M Leach

List of Publications by Citations

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The global nitrogen cycle in the twenty-first century. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20130164	5.8	727
41	Consequences of human modification of the global nitrogen cycle. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20130116	5.8	456
40	A nitrogen footprint model to help consumers understand their role in nitrogen losses to the environment. <i>Environmental Development</i> , 2012 , 1, 40-66	4.1	294
39	Meeting future food demand with current agricultural resources. <i>Global Environmental Change</i> , 2016 , 39, 125-132	10.1	188
38	Food and feed trade as a driver in the global nitrogen cycle: 50-year trends. <i>Biogeochemistry</i> , 2014 , 118, 225-241	3.8	167
37	Nitrogen footprints: past, present and future. <i>Environmental Research Letters</i> , 2014 , 9, 115003	6.2	161
36	A chronology of human understanding of the nitrogen cycle. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20130120	5.8	147
35	Environmental footprint family to address local to planetary sustainability and deliver on the SDGs. <i>Science of the Total Environment</i> , 2019 , 693, 133642	10.2	144
34	Environmental impact food labels combining carbon, nitrogen, and water footprints. <i>Food Policy</i> , 2016 , 61, 213-223	5	102
33	Nitrogen footprint in China: food, energy, and nonfood goods. <i>Environmental Science & Technology</i> , 2013 , 47, 9217-24	10.3	97
32	The environmental cost of subsistence: Optimizing diets to minimize footprints. <i>Science of the Total Environment</i> , 2016 , 553, 120-127	10.2	91
31	The nitrogen footprint of food products and general consumption patterns in Austria. <i>Food Policy</i> , 2014 , 49, 128-136	5	76
30	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. <i>Ambio</i> , 2017 , 46, 129-142	6.5	70
29	First approach to the Japanese nitrogen footprint model to predict the loss of nitrogen to the environment. <i>Environmental Research Letters</i> , 2014 , 9, 115013	6.2	63
28	Intentional versus unintentional nitrogen use in the United States: trends, efficiency and implications. <i>Biogeochemistry</i> , 2013 , 114, 11-23	3.8	60
27	Personal nitrogen footprint tool for the United Kingdom. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 1563-9	4.3	49
26	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Production/Consumption Chain. <i>Sustainability</i> , 2018 , 10, 925	3.6	45

25	Toward Institutional Sustainability: A Nitrogen Footprint Model for a University. <i>Sustainability</i> , 2013 , 6, 211-219	0.9	42
24	Beef and coal are key drivers of Australia's high nitrogen footprint. <i>Scientific Reports</i> , 2016 , 6, 39644	4.9	39
23	How China's nitrogen footprint of food has changed from 1961 to 2010. <i>Environmental Research Letters</i> , 2017 , 12, 104006	6.2	34
22	Toward a nitrogen footprint calculator for Tanzania. <i>Environmental Research Letters</i> , 2017 , 12, 034016	6.2	32
21	Nitrogen-neutrality: a step towards sustainability. <i>Environmental Research Letters</i> , 2014 , 9, 115001	6.2	32
20	The Nitrogen Footprint Tool Network: A Multi-Institution Program To Reduce Nitrogen Pollution. <i>Sustainability</i> , 2017 , 10, 79-88	0.9	22
19	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. <i>Soil Research</i> , 2017 , 55, 417	1.8	21
18	Reactive nitrogen spatial intensity (NrSI): A new indicator for environmental sustainability. <i>Global Environmental Change</i> , 2018 , 52, 101-107	10.1	19
17	An Integrated Tool for Calculating and Reducing Institution Carbon and Nitrogen Footprints. <i>Sustainability</i> , 2017 , 10, 140-148	0.9	17
16	The nitrogen footprint for an Australian university: Institutional change for corporate sustainability. <i>Journal of Cleaner Production</i> , 2018 , 197, 534-541	10.3	12
15	Assessing the Social and Environmental Costs of Institution Nitrogen Footprints. <i>Sustainability</i> , 2017 , 10, 114-122	0.9	10
14	The nitrogen footprint of organic food in the United States. <i>Environmental Research Letters</i> , 2020 , 15, 045004	6.2	10
13	The U.S. consumer phosphorus footprint: where do nitrogen and phosphorus diverge?. <i>Environmental Research Letters</i> , 2020 , 15, 105022	6.2	9
12	Ancient water supports today's energy needs. <i>Earth's Future</i> , 2017 , 5, 515-519	7.9	8
11	Comparing Institution Nitrogen Footprints: Metrics for Assessing and Tracking Environmental Impact. <i>Sustainability</i> , 2017 , 10, 105-113	0.9	5
10	Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants and Climate Change 2014 , 493-505		5
9	Sustainable Pathways for Meeting Future Food Demand 2019 , 14-20		4
8	A community nitrogen footprint analysis of Baltimore City, Maryland. <i>Environmental Research Letters</i> , 2020 , 15, 075007	6.2	4

7	Differences in Environmental Impact and Food Expenditures of Four Different Plant-based Diets and an Omnivorous Diet: Results of a Randomized, Controlled Intervention. <i>Journal of Hunger and Environmental Nutrition</i> , 2016 , 11, 382-395	1.5	4
6	Defining System Boundaries of an Institution Nitrogen Footprint. <i>Sustainability</i> , 2017 , 10, 123-130	0.9	2
5	Informing a sustainable food future. <i>Environmental Research Letters</i> , 2017 , 12, 111002	6.2	2
4	Greenhouse Gas Footprints for Physicists. <i>Physics Teacher</i> , 2020 , 58, 238-240	0.4	1
3	Workshop on Nitrogen Deposition, Critical Loads and Biodiversity: Scientific Synthesis and Summary for Policy Makers 2014 , 507-526		1
2	A First Approach to the Calculation of Nitrogen Footprint in Lisbon, Portugal 2020 , 433-442		1
1	Universities, Sustainability, and Nitrogen Pollution. <i>Sustainability</i> , 2017 , 10, 68-70	0.9	