

Albert Bleeker

List of Publications by Citations

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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.

78
papers

4,767
citations

35
h-index

68
g-index

81
ext. papers

5,479
ext. citations

7.8
avg, IF

5.09
L-index

#	Paper	IF	Citations
78	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
77	Reduced nitrogen in ecology and the environment. <i>Environmental Pollution</i> , 2007 , 150, 140-9	9.3	336
76	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
75	Changes in species richness and composition in European acidic grasslands over the past 70 years: the contribution of cumulative atmospheric nitrogen deposition. <i>Global Change Biology</i> , 2010 , 16, 344-357	11.4	287
74	Nitrogen deposition threatens species richness of grasslands across Europe. <i>Environmental Pollution</i> , 2010 , 158, 2940-5	9.3	254
73	Towards a climate-dependent paradigm of ammonia emission and deposition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20130166	5.8	244
72	Dry deposition of reactive nitrogen to European ecosystems: a comparison of inferential models across the NitroEurope network. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 2703-2728	6.8	205
71	Reactive nitrogen in the environment and its effect on climate change. <i>Current Opinion in Environmental Sustainability</i> , 2011 , 3, 281-290	7.2	167
70	Nitrogen footprints: past, present and future. <i>Environmental Research Letters</i> , 2014 , 9, 115003	6.2	161
69	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
68	Detection of temporal trends in atmospheric deposition of inorganic nitrogen and sulphate to forests in Europe. <i>Atmospheric Environment</i> , 2014 , 95, 363-374	5.3	118
67	Ecosystem responses to reduced and oxidised nitrogen inputs in European terrestrial habitats. <i>Environmental Pollution</i> , 2011 , 159, 665-76	9.3	111
66	Impact of nitrogen deposition at the species level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 984-7	11.5	107
65	Agricultural air quality in Europe and the future perspectives. <i>Atmospheric Environment</i> , 2008 , 42, 3209-3217	9.3	104
64	Nitrogen and biofuels; an overview of the current state of knowledge. <i>Nutrient Cycling in Agroecosystems</i> , 2010 , 86, 211-223	3.3	93
63	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. <i>Ambio</i> , 2017 , 46, 129-142	6.5	70
62	N deposition as a threat to the World's protected areas under the Convention on Biological Diversity. <i>Environmental Pollution</i> , 2011 , 159, 2280-8	9.3	69

61	Nitrogen processes in terrestrial ecosystems 2009 , 99-125		67
60	Governing processes for reactive nitrogen compounds in the European atmosphere. <i>Biogeosciences</i> , 2012 , 9, 4921-4954	4.6	62
59	Nitrogen as a threat to European terrestrial biodiversity463-494		58
58	The impact of nitrogen deposition on acid grasslands in the Atlantic region of Europe. <i>Environmental Pollution</i> , 2011 , 159, 2243-50	9.3	58
57	Nitrogen as a threat to European water quality379-404		57
56	Integrating nitrogen fluxes at the European scale345-376		54
55	Taxonomic and functional turnover are decoupled in European peat bogs. <i>Nature Communications</i> , 2017 , 8, 1161	17.4	53
54	Nutrient discharge from China's aquaculture industry and associated environmental impacts. <i>Environmental Research Letters</i> , 2015 , 10, 045002	6.2	50
53	Indirect N ₂ O emission due to atmospheric N deposition for the Netherlands. <i>Atmospheric Environment</i> , 2005 , 39, 5827-5838	5.3	49
52	Synthesis and review: Tackling the nitrogen management challenge: from global to local scales. <i>Environmental Research Letters</i> , 2016 , 11, 120205	6.2	48
51	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
50	Long-term changes in calcareous grassland vegetation in North-western Germany [No decline in species richness, but a shift in species composition. <i>Biological Conservation</i> , 2014 , 172, 170-179	6.2	45
49	Nitrogen flows from European regional watersheds to coastal marine waters271-297		45
48	Nitrogen as a threat to the European greenhouse balance434-462		43
47	Changes in species composition of European acid grasslands observed along a gradient of nitrogen deposition. <i>Journal of Vegetation Science</i> , 2011 , 22, 207-215	3.1	43
46	The European nitrogen problem in a global perspective9-31		39
45	Field intercomparison of precipitation measurements performed within the framework of the Pan European Intensive Monitoring Program of EU/ICP Forest. <i>Environmental Pollution</i> , 2003 , 125, 139-55	9.3	37
44	Farm nitrogen balances in six European landscapes as an indicator for nitrogen losses and basis for improved management. <i>Biogeosciences</i> , 2012 , 9, 5303-5321	4.6	35

43	Costs and benefits of nitrogen in the environment513-540		35
42	The effect of afforestation on water recharge and nitrogen leaching in The Netherlands. <i>Forest Ecology and Management</i> , 2006 , 221, 170-182	3.9	34
41	Nitrogen processes in aquatic ecosystems126-146		32
40	Nitrogen processes in the atmosphere177-208		31
39	Cleaning up nitrogen pollution may reduce future carbon sinks. <i>Global Environmental Change</i> , 2018 , 48, 56-66	10.1	29
38	Field intercomparison of throughfall measurements performed within the framework of the Pan European intensive monitoring program of EU/ICP Forest. <i>Environmental Pollution</i> , 2003 , 125, 123-38	9.3	28
37	Benefits of nitrogen for food, fibre and industrial production32-61		26
36	High resolution modelling of atmosphere-canopy exchange of acidifying and eutrophying components and carbon dioxide for European forests. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2007 , 59, 412-424	3.3	24
35	Linking Ammonia Emission Trends to Measured Concentrations and Deposition of Reduced Nitrogen at Different Scales 2009 , 123-180		23
34	Nitrogen in current European policies62-81		22
33	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. <i>Soil Research</i> , 2017 , 55, 417	1.8	21
32	The challenge to integrate nitrogen science and policies: the European Nitrogen Assessment approach82-96		21
31	Atmospheric deposition of ammonia to semi-natural vegetation in the Netherlands: methods for mapping and evaluation. <i>Atmospheric Environment</i> , 1998 , 32, 481-489	5.3	21
30	Atmospheric transport and deposition of reactive nitrogen in Europe298-316		19
29	Addressing the Impact of Atmospheric Nitrogen Deposition on Western European Grasslands. <i>Environmental Management</i> , 2011 , 48, 885-94	3.1	18
28	The global nutrient challenge: From science to public engagement. <i>Environmental Development</i> , 2013 , 6, 80-85	4.1	15
27	Nitrogen flows in farming systems across Europe211-228		15
26	Summary for policy makersxxiv-xxxiv		15

25	Nitrogen processes in coastal and marine ecosystems147-176		15
24	Geographical variation in terrestrial nitrogen budgets across Europe317-344		15
23	Assessing our nitrogen inheritance1-6		12
22	Nitrogen as a threat to European air quality405-433		11
21	Spatial planning as a tool for decreasing nitrogen loads in nature areas. <i>Environmental Pollution</i> , 1998 , 102, 649-655	9.3	11
20	Nitrogen flows and fate in rural landscapes229-248		10
19	Nitrogen as a threat to European soil quality495-510		9
18	Assessment of N and P status at the landscape scale using environmental models and measurements. <i>Environmental Pollution</i> , 2012 , 162, 168-75	9.3	8
17	Future scenarios of nitrogen in Europe551-569		8
16	Nitrogen flows and fate in urban landscapes249-270		7
15	The Human Creation and Use of Reactive Nitrogen: A Global and Regional Perspective. <i>Annual Review of Environment and Resources</i> , 2021 , 46,	17.2	7
14	Developing integrated approaches to nitrogen management541-550		6
13	Technical summaryxxxv-lii		6
12	Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants and Climate Change 2014 , 493-505		5
11	Societal choice and communicating the European nitrogen challenge585-601		4
10	Detecting Change in Atmospheric Ammonia Following Emission Changes 2009 , 383-390		3
9	Coordinating European nitrogen policies between international conventions and intergovernmental organizations570-584		2
8	Biodiversity of Acid Grasslands in the Atlantic Regions of Europe: The Impact of Nitrogen Deposition 2014 , 243-250		2

- 7 Nitrogen Deposition as a Threat to the World's Protected Areas Under the Convention on Biological Diversity (CBD) **2014**, 295-303 2
- 6 Emission, concentration and deposition of acidifying substances. *Studies in Environmental Science*, **1997**, 69, 21-81 1
- 5 Global Nitrogen and Phosphorus Pollution **2020**, 421-431 1
- 4 Air Quality, Health Effects and Management of Ammonia Emissions from Fertilizers **2014**, 261-277 1
- 3 Just Enough Nitrogen: Summary and Synthesis of Outcomes **2020**, 1-25 0
- 2 Overuse of Nitrogen Resources **2019**, 212-217
- 1 Two N-visualisation tools: game versus reality. *Journal of Integrative Environmental Sciences*, **2010**, 7, 289-299 3