

# Albert Bleeker

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

6,191  
citations

136740

32  
h-index

276539

41  
g-index

81  
all docs

81  
docs citations

81  
times ranked

7606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of human modification of the global nitrogen cycle. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130116.	1.8	635
2	Reduced nitrogen in ecology and the environment. <i>Environmental Pollution</i> , 2007, 150, 140-149.	3.7	414
3	A nitrogen footprint model to help consumers understand their role in nitrogen losses to the environment. <i>Environmental Development</i> , 2012, 1, 40-66.	1.8	372
4	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.	4.2	339
5	Towards a climate-dependent paradigm of ammonia emission and deposition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130166.	1.8	328
6	Nitrogen deposition threatens species richness of grasslands across Europe. <i>Environmental Pollution</i> , 2010, 158, 2940-2945.	3.7	316
7	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.	1.9	254
8	Reactive nitrogen in the environment and its effect on climate change. <i>Current Opinion in Environmental Sustainability</i> , 2011, 3, 281-290.	3.1	224
9	Nitrogen footprints: past, present and future. <i>Environmental Research Letters</i> , 2014, 9, 115003.	2.2	222
10	A chronology of human understanding of the nitrogen cycle <sup />. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130120.	1.8	202
11	Detection of temporal trends in atmospheric deposition of inorganic nitrogen and sulphate to forests in Europe. <i>Atmospheric Environment</i> , 2014, 95, 363-374.	1.9	144
12	Ecosystem responses to reduced and oxidised nitrogen inputs in European terrestrial habitats. <i>Environmental Pollution</i> , 2011, 159, 665-676.	3.7	132
13	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, 984-987.	3.3	126
14	Agricultural air quality in Europe and the future perspectives. <i>Atmospheric Environment</i> , 2008, 42, 3209-3217.	1.9	122
15	The shape of nitrogen to come. <i>Nature</i> , 2013, 494, 435-437.	13.7	115
16	Nitrogen and biofuels; an overview of the current state of knowledge. <i>Nutrient Cycling in Agroecosystems</i> , 2010, 86, 211-223.	1.1	105
17	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. <i>Ambio</i> , 2017, 46, 129-142.	2.8	102
18	Nutrient discharge from China's aquaculture industry and associated environmental impacts. <i>Environmental Research Letters</i> , 2015, 10, 045002.	2.2	97

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19	N deposition as a threat to the World's protected areas under the Convention on Biological Diversity. <i>Environmental Pollution</i> , 2011, 159, 2280-2288.	3.7	83
20	Nitrogen as a threat to European water quality. , 2011, , 379-404.		80
21	Nitrogen processes in terrestrial ecosystems. , 2011, , 99-125.		77
22	Governing processes for reactive nitrogen compounds in the European atmosphere. <i>Biogeosciences</i> , 2012, 9, 4921-4954.	1.3	77
23	Nitrogen as a threat to European terrestrial biodiversity. , 2011, , 463-494.		73
24	Taxonomic and functional turnover are decoupled in European peat bogs. <i>Nature Communications</i> , 2017, 8, 1161.	5.8	73
25	The impact of nitrogen deposition on acid grasslands in the Atlantic region of Europe. <i>Environmental Pollution</i> , 2011, 159, 2243-2250.	3.7	67
26	Integrating nitrogen fluxes at the European scale. , 0, , 345-376.		65
27	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.	1.9	64
28	Synthesis and review: Tackling the nitrogen management challenge: from global to local scales. <i>Environmental Research Letters</i> , 2016, 11, 120205.	2.2	64
29	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Production – Consumption Chain. <i>Sustainability</i> , 2018, 10, 925.	1.6	62
30	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.	1.1	60
31	Indirect N <sub>2</sub> O emission due to atmospheric N deposition for the Netherlands. <i>Atmospheric Environment</i> , 2005, 39, 5827-5838.	1.9	58
32	Nitrogen as a threat to the European greenhouse balance. , 2011, , 434-462.		58
33	Nitrogen flows from European regional watersheds to coastal marine waters. , 0, , 271-297.		54
34	Costs and benefits of nitrogen in the environment. , 2011, , 513-540.		54
35	The Human Creation and Use of Reactive Nitrogen: A Global and Regional Perspective. <i>Annual Review of Environment and Resources</i> , 2021, 46, 255-288.	5.6	54
36	The European nitrogen problem in a global perspective. , 2011, , 9-31.		49

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37	Nitrogen processes in aquatic ecosystems. , 2011, , 126-146.		46
38	Farm nitrogen balances in six European landscapes as an indicator for nitrogen losses and basis for improved management. Biogeosciences, 2012, 9, 5303-5321.	1.3	46
39	The effect of afforestation on water recharge and nitrogen leaching in The Netherlands. Forest Ecology and Management, 2006, 221, 170-182.	1.4	43
40	Field intercomparison of precipitation measurements performed within the framework of the Pan European Intensive Monitoring Program of EU/ICP Forest. Environmental Pollution, 2003, 125, 139-155.	3.7	41
41	Nitrogen processes in the atmosphere. , 2011, , 177-208.		35
42	Benefits of nitrogen for food, fibre and industrial production. , 2011, , 32-61.		34
43	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. Soil Research, 2017, 55, 417.	0.6	33
44	Cleaning up nitrogen pollution may reduce future carbon sinks. Global Environmental Change, 2018, 48, 56-66.	3.6	33
45	Field intercomparison of throughfall measurements performed within the framework of the Pan European intensive monitoring program of EU/ICP Forest. Environmental Pollution, 2003, 125, 123-138.	3.7	30
46	Linking Ammonia Emission Trends to Measured Concentrations and Deposition of Reduced Nitrogen at Different Scales. , 2009, , 123-180.		28
47	High resolution modelling of atmosphere-canopy exchange of acidifying and eutrophying components and carbon dioxide for European forests. Tellus, Series B: Chemical and Physical Meteorology, 2007, 59, 412-424.	0.8	27
48	Nitrogen in current European policies. , 2011, , 62-81.		27
49	The challenge to integrate nitrogen science and policies: the European Nitrogen Assessment approach. , 2011, , 82-96.		26
50	Geographical variation in terrestrial nitrogen budgets across Europe. , 2011, , 317-344.		23
51	Atmospheric deposition of ammonia to semi-natural vegetation in the Netherlandsâ€™ methods for mapping and evaluation. Atmospheric Environment, 1998, 32, 481-489.	1.9	22
52	Nitrogen processes in coastal and marine ecosystems. , 2011, , 147-176.		22
53	Addressing the Impact of Atmospheric Nitrogen Deposition on Western European Grasslands. Environmental Management, 2011, 48, 885-894.	1.2	22
54	Atmospheric transport and deposition of reactive nitrogen in Europe. , 2011, , 298-316.		21

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55	Summary for policy makers. , 2011, , xxiv-xxxiv.		21
56	Nitrogen flows in farming systems across Europe. , 0, , 211-228.		20
57	The global nutrient challenge: From science to public engagement. Environmental Development, 2013, 6, 80-85.	1.8	18
58	Assessing our nitrogen inheritance. , 2011, , 1-6.		17
59	Nitrogen as a threat to European air quality. , 2011, , 405-433.		14
60	Nitrogen flows and fate in urban landscapes. , 2011, , 249-270.		13
61	Nitrogen as a threat to European soil quality. , 2011, , 495-510.		13
62	Spatial planning as a tool for decreasing nitrogen loads in nature areas. Environmental Pollution, 1998, 102, 649-655.	3.7	11
63	Nitrogen flows and fate in rural landscapes. , 0, , 229-248.		10
64	Technical summary. , 2011, , xxxv-lii.		10
65	Future scenarios of nitrogen in Europe. , 2011, , 551-569.		9
66	Emission, concentration and deposition of acidifying substances. Studies in Environmental Science, 1997, 69, 21-81.	0.0	8
67	Assessment of N and P status at the landscape scale using environmental models and measurements. Environmental Pollution, 2012, 162, 168-175.	3.7	8
68	Developing integrated approaches to nitrogen management. , 2011, , 541-550.		6
69	Societal choice and communicating the European nitrogen challenge. , 2011, , 585-601.		5
70	Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants and Climate Change. , 2014, , 493-505.		5
71	Detecting Change in Atmospheric Ammonia Following Emission Changes. , 2009, , 383-390.		5
72	Air Quality, Health Effects and Management of Ammonia Emissions from Fertilizers. , 2014, , 261-277.		4

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73	Global Nitrogen and Phosphorus Pollution. , 2020, , 421-431.		4
74	Coordinating European nitrogen policies between international conventions and intergovernmental organizations. , 2011, , 570-584.		3
75	Biodiversity of Acid Grasslands in the Atlantic Regions of Europe: The Impact of Nitrogen Deposition. , 2014, , 243-250.		3
76	Nitrogen Deposition as a Threat to the World's Protected Areas Under the Convention on Biological Diversity (CBD). , 2014, , 295-303.		2
77	Just Enough Nitrogen: Summary and Synthesis of Outcomes. , 2020, , 1-25.		2
78	Two N-visualisation tools: game versus reality. Journal of Integrative Environmental Sciences, 2010, 7, 289-299.	1.0	0
79	Overuse of Nitrogen Resources. , 2019, , 212-217.		0