

Albert Bleeker

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

6,191
citations

136950

32
h-index

276875

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.	4.0	635
2	Reduced nitrogen in ecology and the environment. <i>Environmental Pollution</i> , 2007, 150, 140-149.	7.5	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.	4.1	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.	9.5	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.	4.0	328
6	Nitrogen deposition threatens species richness of grasslands across Europe. <i>Environmental Pollution</i> , 2010, 158, 2940-2945.	7.5	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.	4.9	254
8	Reactive nitrogen in the environment and its effect on climate change. <i>Current Opinion in Environmental Sustainability</i> , 2011, 3, 281-290.	6.3	224
9	Nitrogen footprints: past, present and future. <i>Environmental Research Letters</i> , 2014, 9, 115003.	5.2	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.	4.0	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.	4.1	144
12	Ecosystem responses to reduced and oxidised nitrogen inputs in European terrestrial habitats. <i>Environmental Pollution</i> , 2011, 159, 665-676.	7.5	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.	7.1	126
14	Agricultural air quality in Europe and the future perspectives. <i>Atmospheric Environment</i> , 2008, 42, 3209-3217.	4.1	122
15	The shape of nitrogen to come. <i>Nature</i> , 2013, 494, 435-437.	27.8	115
16	Nitrogen and biofuels; an overview of the current state of knowledge. <i>Nutrient Cycling in Agroecosystems</i> , 2010, 86, 211-223.	2.2	105
17	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. <i>Ambio</i> , 2017, 46, 129-142.	5.5	102
18	Nutrient discharge from China's aquaculture industry and associated environmental impacts. <i>Environmental Research Letters</i> , 2015, 10, 045002.	5.2	97

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19	N deposition as a threat to the World's protected areas under the Convention on Biological Diversity. Environmental Pollution, 2011, 159, 2280-2288.	7.5	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. Biogeosciences, 2012, 9, 4921-4954.	3.3	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. Nature Communications, 2017, 8, 1161.	12.8	73
25	The impact of nitrogen deposition on acid grasslands in the Atlantic region of Europe. Environmental Pollution, 2011, 159, 2243-2250.	7.5	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. Biological Conservation, 2014, 172, 170-179.	4.1	64
28	Synthesis and review: Tackling the nitrogen management challenge: from global to local scales. Environmental Research Letters, 2016, 11, 120205.	5.2	64
29	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Production – Consumption Chain. Sustainability, 2018, 10, 925.	3.2	62
30	Changes in species composition of European acid grasslands observed along a gradient of nitrogen deposition. Journal of Vegetation Science, 2011, 22, 207-215.	2.2	60
31	Indirect N ₂ O emission due to atmospheric N deposition for the Netherlands. Atmospheric Environment, 2005, 39, 5827-5838.	4.1	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. Annual Review of Environment and Resources, 2021, 46, 255-288.	13.4	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.	3.3	46
39	The effect of afforestation on water recharge and nitrogen leaching in The Netherlands. Forest Ecology and Management, 2006, 221, 170-182.	3.2	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.	7.5	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.	1.1	33
44	Cleaning up nitrogen pollution may reduce future carbon sinks. Global Environmental Change, 2018, 48, 56-66.	7.8	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.	7.5	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.	1.6	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.	4.1	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.	2.7	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.	4.1	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.	7.5	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.	7.5	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.	2.5	0
79	Overuse of Nitrogen Resources. , 2019, , 212-217.		0