Jan Willem Erisman

List of Publications by Year in Descending Order

192 papers	21,718 citations	58 h-index	146 g-index
198 ext. papers	24,948 ext. citations	7.1 avg, IF	6.53 L-index

#	Paper	IF	Citations
192	Data assimilation of CrIS NH₃ satellite observations for improving spatiotemporal NH₃ distributions in LOTOS-EUROS. *Atmospheric Chemistry and Physics*, **2022**, 22, 951-972	6.8	0
191	How ammonia feeds and pollutes the world. *Science*, **2021**, 374, 685-686	33.3	5
190	Innovative, sustainable, and circular agricultural systems for the future. *Organic Agriculture*, **2021**, 11, 179-185	1.7	3
189	Global, regional and national trends of atmospheric ammonia derived from a decadal (2008–2018) satellite record. *Environmental Research Letters*, **2021**, 16, 055017	6.2	13
188	Decreasing reactive nitrogen losses in organic agricultural systems. *Organic Agriculture*, **2021**, 11, 217-223	1.7	2
187	Nature-based agriculture for an adequate human microbiome. *Organic Agriculture*, **2021**, 11, 225-230	1.7	2
186	Setting ambitious goals for agriculture to meet environmental targets. *One Earth*, **2021**, 4, 15-18	8.1	2
185	The Human Creation and Use of Reactive Nitrogen: A Global and Regional Perspective. *Annual Review of Environment and Resources*, **2021**, 46,	17.2	7
184	Nitrogen emissions along global livestock supply chains. *Nature Food*, **2020**, 1, 437-446	14.4	51
183	The nitrogen footprint of organic food in the United States. *Environmental Research Letters*, **2020**, 15, 045004	6.2	10
182	Towards a coupled paradigm of NH -CO biosphere-atmosphere exchange modelling. *Global Change Biology*, **2020**, 26, 4654-4663	11.4	3
181	Potential of Extensification of European and Dutch Agriculture for a More Sustainable Food System Focusing on Nitrogen and Livestock **2020**, 83-98		1
180	Satellite-derived leaf area index and roughness length information for surface–atmosphere exchange modelling: a case study for reactive nitrogen deposition in north-western Europe using LOTOS-EUROS v2.0. *Geoscientific Model Development*, **2020**, 13, 2451-2474	6.3	0
179	Can the presence of plantain (Plantago lanceolata L.) improve nitrogen cycling of dairy grassland systems on peat soils?. *New Zealand Journal of Agricultural Research*, **2020**, 63, 106-122	1.9	12
178	NH₃ emissions from large point sources derived from CrIS and IASI satellite observations **2019**,		1
177	Nitrogen Deposition Maintains a Positive Effect on Terrestrial Carbon Sequestration in the 21st Century Despite Growing Phosphorus Limitation at Regional Scales. *Global Biogeochemical Cycles*, **2019**, 33, 810-824	5.9	14
176	A world of co-benefits: Solving the global nitrogen challenge. *Earth's Future*, **2019**, 7, 1-8	7.9	61

175	NH₃ emissions from large point sources derived from CrIS and IASI satellite observations. *Atmospheric Chemistry and Physics*, **2019**, 19, 12261-12293	6.8	46
174	Cleaning up nitrogen pollution may reduce future carbon sinks. *Global Environmental Change*, **2018**, 48, 56-66	10.1	29
173	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Production□Consumption Chain. *Sustainability*, **2018**, 10, 925	3.6	45
172	Technical note: How are NH₃ dry deposition estimates affected by combining the LOTOS-EUROS model with IASI-NH₃ satellite observations?. *Atmospheric Chemistry and Physics*, **2018**, 18, 13173-13196	6.8	10
171	Organic Agriculture 3.0 is innovation with research. *Organic Agriculture*, **2017**, 7, 169-197	1.7	61
170	Measuring atmospheric ammonia with remote sensing campaign: Part 1 □Characterisation of vertical ammonia concentration profile in the centre of The Netherlands. *Atmospheric Environment*, **2017**, 169, 97-112	5.3	23
169	Validation of the CrIS fast physical NH₃ retrieval with ground-based FTIR. *Atmospheric Measurement Techniques*, **2017**, 10, 2645-2667	4	30
168	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. *Soil Research*, **2017**, 55, 417	1.8	21
167	Land use mediates riverine nitrogen export under the dominant influence of human activities. *Environmental Research Letters*, **2017**, 12, 094018	6.2	14
166	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. *Ambio*, **2017**, 46, 129-142	6.5	70
165	Promoting nature conservation by Dutch farmers: a governance perspective□Affiliation where the research was conducted: Wageningen University and Research, The Netherlands.View all notes. *International Journal of Agricultural Sustainability*, **2017**, 15, 264-281	2.2	33
164	Air quality improvement in a megacity: implications from 2015□Beijing Parade Blue pollution control actions. *Atmospheric Chemistry and Physics*, **2017**, 17, 31-46	6.8	61
163	An evaluation of IASI-NH₃ with ground-based FTIR measurements **2016**,		1
162	PM pollution is substantially affected by ammonia emissions in China. *Environmental Pollution*, **2016** , 218, 86-94	9.3	131
161	Non-stomatal exchange in ammonia dry deposition models: comparison of two state-of-the-art approaches. *Atmospheric Chemistry and Physics*, **2016**, 16, 13417-13430	6.8	9
160	An evaluation of IASI-NH₃ with ground-based Fourier transform infrared spectroscopy measurements. *Atmospheric Chemistry and Physics*, **2016**, 16, 10351-10368	6.8	40
159	Down to Earth: Contextualizing the Anthropocene. *Global Environmental Change*, **2016**, 39, 341-350	10.1	182
158	Agriculture and biodiversity: a better balance benefits both. *AIMS Agriculture and Food*, **2016**, 1, 157-174	1.2	56

157	Environmental impact food labels combining carbon, nitrogen, and water footprints. *Food Policy*, **2016**, 61, 213-223	5	102
156	Towards validation of ammonia (NH₃) measurements from the IASI satellite. *Atmospheric Measurement Techniques*, **2015**, 8, 1575-1591	4	67
155	Potential of extensification of European agriculture for a more sustainable food system, focusing on nitrogen. *Environmental Research Letters*, **2015**, 10, 025002	6.2	54
154	International GeosphereBiosphere Programme and Earth system science: Three decades of co-evolution. *Anthropocene*, **2015**, 12, 3-16	3.9	35
153	Worldwide spatiotemporal atmospheric ammonia (NH3) columns variability revealed by satellite. *Geophysical Research Letters*, **2015**, 42, 8660-8668	4.9	47
152	Low historical nitrogen deposition effect on carbon sequestration in the boreal zone. *Journal of Geophysical Research G: Biogeosciences*, **2015**, 120, 2542-2561	3.7	20
151	Effects of global change during the 21st century on the nitrogen cycle. *Atmospheric Chemistry and Physics*, **2015**, 15, 13849-13893	6.8	112
150	Retrieval of ammonia from ground-based FTIR solar spectra. *Atmospheric Chemistry and Physics*, **2015**, 15, 12789-12803	6.8	25
149	Global change: Put people at the centre of global risk management. *Nature*, **2015**, 519, 151-3	50.4	26
148	Evaluating 4 years of atmospheric ammonia (NH3) over Europe using IASI satellite observations and LOTOS-EUROS model results. *Journal of Geophysical Research D: Atmospheres*, **2014**, 119, 9549-9566	4.4	55
147	Global distributions, time series and error characterization of atmospheric ammonia (NH₃) from IASI satellite observations. *Atmospheric Chemistry and Physics*, **2014**, 14, 2905-2922	6.8	152
146	Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants and Climate Change **2014**, 493-505		5
145	Chinese coastal seas are facing heavy atmospheric nitrogen deposition. *Environmental Research Letters*, **2014**, 9, 095007	6.2	40
144	Nitrogen use and food production in European regions from a global perspective. *Journal of Agricultural Science*, **2014**, 152, 9-19	1	22
143	Workshop on Nitrogen Deposition, Critical Loads and Biodiversity: Scientific Synthesis and Summary for Policy Makers **2014**, 507-526		1
142	Nitrogen footprints: past, present and future. *Environmental Research Letters*, **2014**, 9, 115003	6.2	161
141	Impacts of Nitrogen Deposition on Ecosystem Services in Interaction with Other Nutrients, Air Pollutants and Climate Change **2014**, 387-396		5
140	Nitrogen Deposition as a Threat to the World Protected Areas Under the Convention on Biological Diversity (CBD) **2014**, 295-303		2

139	Estimating environmentally relevant fixed nitrogen demand in the 21st century. *Climatic Change*, **2013**, 120, 889-901	4.5	25
138	A chronology of human understanding of the nitrogen cycle. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2013**, 368, 20130120	5.8	147
137	Enhanced nitrogen deposition over China. *Nature*, **2013**, 494, 459-62	50.4	1512
136	The contribution of nitrogen deposition to the photosynthetic capacity of forests. *Global Biogeochemical Cycles*, **2013**, 27, 187-199	5.9	101
135	Consequences of human modification of the global nitrogen cycle. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2013**, 368, 20130116	5.8	456
134	Reactive nitrogen emissions from crop and livestock farming in India. *Atmospheric Environment*, **2012**, 47, 92-103	5.3	58
133	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
132	Governing processes for reactive nitrogen compounds in the European atmosphere. *Biogeosciences*, **2012**, 9, 4921-4954	4.6	62
131	Preface ''Nitrogen & Global Change''. *Biogeosciences*, **2012**, 9, 1691-1693	4.6	13
130	Reactive nitrogen in the environment and its effect on climate change. *Current Opinion in Environmental Sustainability*, **2011**, 3, 281-290	7.2	167
129	Dry deposition of reactive nitrogen to European ecosystems: a comparison of inferential models across the NitroEurope network. *Atmospheric Chemistry and Physics*, **2011**, 11, 2703-2728	6.8	205
128	Too much of a good thing. *Nature*, **2011**, 472, 159-61	50.4	583
127	N deposition as a threat to the World's protected areas under the Convention on Biological Diversity. *Environmental Pollution*, **2011**, 159, 2280-8	9.3	69
126	The New Global Nitrogen Cycle **2011**, 3-15		
125	Two N-visualisation tools: game versus reality. *Journal of Integrative Environmental Sciences*, **2010**, 7, 289-299	3	
124	Global assessment of nitrogen deposition effects on terrestrial plant diversity: a synthesis **2010**, 20, 30-59		1624
123	A carbon cycle science update since IPCC AR-4. *Ambio*, **2010**, 39, 402-12	6.5	22
122	Nitrogen and biofuels; an overview of the current state of knowledge. *Nutrient Cycling in Agroecosystems*, **2010**, 86, 211-223	3.3	93

121	Nitrogen processes in terrestrial ecosystems **2009**, 99-125		67
120	Dynamics of ammonia exchange with cut grassland: synthesis of results and conclusions of the GRAMINAE Integrated Experiment. *Biogeosciences*, **2009**, 6, 2907-2934	4.6	47
119	Modelling the dynamic chemical interactions of atmospheric ammonia with leaf surface wetness in a managed grassland canopy. *Biogeosciences*, **2009**, 6, 67-84	4.6	55
118	Aerosol fluxes and particle growth above managed grassland. *Biogeosciences*, **2009**, 6, 1627-1645	4.6	41
117	Estimation of NH₃ emissions from a naturally ventilated livestock farm using local-scale atmospheric dispersion modelling. *Biogeosciences*, **2009**, 6, 2847-2860	4.6	15
116	Atmospheric composition change: Ecosystems□Atmosphere interactions. *Atmospheric Environment*, **2009**, 43, 5193-5267	5.3	506
115	Biosphere□atmosphere exchange of reactive nitrogen and greenhouse gases at the NitroEurope core flux measurement sites: Measurement strategy and first data sets. *Agriculture, Ecosystems and Environment*, **2009**, 133, 139-149	5.7	92
114	Effects of agriculture upon the air quality and climate: research, policy, and regulations. *Environmental Science & Technology*, **2009**, 43, 4234-40	10.3	164
113	Inter-comparison of ammonia fluxes obtained using the Relaxed Eddy Accumulation technique. *Biogeosciences*, **2009**, 6, 2575-2588	4.6	32
112	Dynamics of ammonia exchange with cut grassland: strategy and implementation of the GRAMINAE Integrated Experiment. *Biogeosciences*, **2009**, 6, 309-331	4.6	47
111	Advection of NH₃ over a pasture field and its effect on gradient flux measurements. *Biogeosciences*, **2009**, 6, 1295-1309	4.6	27
110	Linking Ammonia Emission Trends to Measured Concentrations and Deposition of Reduced Nitrogen at Different Scales **2009**, 123-180		23
109	Detecting Change in Atmospheric Ammonia Following Emission Changes **2009**, 383-390		3
108	How a century of ammonia synthesis changed the world. *Nature Geoscience*, **2008**, 1, 636-639	18.3	1967
107	Agricultural air quality in Europe and the future perspectives. *Atmospheric Environment*, **2008**, 42, 3209-3217	3.3	104
106	Transformation of the nitrogen cycle: recent trends, questions, and potential solutions. *Science*, **2008**, 320, 889-92	33.3	4030
105	Ammonia in the environment: from ancient times to the present. *Environmental Pollution*, **2008**, 156, 583-604	9.3	222
104	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	3.3	24

103	Long Term Trends in Sulphur and Nitrogen Deposition in Europe and the Cause of Non-linearities. *Water, Air and Soil Pollution*, **2007**, 7, 41-47		78
102	Element fluxes through European forest ecosystems and their relationships with stand and site characteristics. *Environmental Pollution*, **2007**, 148, 501-13	9.3	74
101	Challenges in quantifying biosphere-atmosphere exchange of nitrogen species. *Environmental Pollution*, **2007**, 150, 125-39	9.3	186
100	Reduced nitrogen in ecology and the environment. *Environmental Pollution*, **2007**, 150, 140-9	9.3	336
99	Long Term Trends in Sulphur and Nitrogen Deposition in Europe and the Cause of Non-linearities **2007**, 41-47		10
98	Monitoring and modelling of biosphere/atmosphere exchange of gases and aerosols in Europe. *Environmental Pollution*, **2005**, 133, 403-13	9.3	55
97	Practical considerations for addressing uncertainties in monitoring bulk deposition. *Environmental Pollution*, **2005**, 134, 535-48	9.3	61
96	Overview and assessment of techniques to measure ammonia emissions from animal houses: the case of the Netherlands. *Environmental Pollution*, **2005**, 135, 381-8	9.3	27
95	Deposition monitoring networks: what monitoring is required to give reasonable estimates of ammonia/ammonium?. *Environmental Pollution*, **2005**, 135, 419-31	9.3	27
94	The Dutch N-cascade in the European perspective. *Science in China Series C: Life Sciences*, **2005**, 48 Suppl 2, 827-42		16
93	Nonlinearities in Source Receptor Relationships for Sulfur and Nitrogen Compounds. *Ambio*, **2005**, 34, 41-46	6.5	23
92	The Dutch N-cascade in the european perspective. *Science in China Series C: Life Sciences*, **2005**, 48 Spec No, 827-42		2
91	The Nanjing Declaration on Management of Reactive Nitrogen. *BioScience*, **2004**, 54, 286	5.7	28
90	Acid Deposition and Energy Use **2004**, 1-15		1
89	Variability of particulate matter concentrations along roads and motorways determined by a moving measurement unit. *Atmospheric Environment*, **2004**, 38, 2993-3002	5.3	154
88	The need for ammonia abatement with respect to secondary PM reductions in Europe. *Environmental Pollution*, **2004**, 129, 159-63	9.3	164
87	Establishing the link between ammonia emission control and measurements of reduced nitrogen concentrations and deposition. *Environmental Monitoring and Assessment*, **2003**, 82, 149-85	3.1	50
86	The Nitrogen Cascade. *BioScience*, **2003**, 53, 341	5.7	1856

85	Deposition to forests in Europe: most important factors influencing dry deposition and models used for generalisation. *Environmental Pollution*, **2003**, 124, 379-88	9.3	89
84	Field intercomparison of precipitation measurements performed within the framework of the Pan European Intensive Monitoring Program of EU/ICP Forest. *Environmental Pollution*, **2003**, 125, 139-55	9.3	37
83	Field intercomparison of throughfall measurements performed within the framework of the Pan European intensive monitoring program of EU/ICP Forest. *Environmental Pollution*, **2003**, 125, 123-38	9.3	28
82	The European perspective on nitrogen emission and deposition. *Environment International*, **2003**, 29, 311-25	12.9	100
81	Intensive monitoring of forest ecosystems in Europe. *Forest Ecology and Management*, **2003**, 174, 77-95	3.9	112
80	NitroGenius: a nitrogen decision support system. A game to develop the optimal policy to solve the Dutch nitrogen pollution problem. *Ambio*, **2002**, 31, 190-6	6.5	8
79	Ammonia exchange at the tree-atmosphere interface. *Tree Physiology*, **2002**, 159-173		2
78	Two options to explain the ammonia gap in The Netherlands. *Environmental Science and Policy*, **2001**, 4, 97-105	6.2	8
77	An outlook for a national integrated nitrogen policy. *Environmental Science and Policy*, **2001**, 4, 87-95	6.2	24
76	Biosphere-atmosphere interactions of ammonia with grasslands: Experimental strategy and results from a new European initiative. *Plant and Soil*, **2001**, 228, 131-145	4.2	69
75	Advances in micrometeorological methods for the measurement and interpretation of gas and particle nitrogen fluxes. *Plant and Soil*, **2001**, 228, 117-129	4.2	54
74	Atmospheric nitrogen compounds II: emissions, transport, transformation, deposition and assessment. *Atmospheric Environment*, **2001**, 35, 1903-1911	5.3	234
73	Instrument development and application in studies and monitoring of ambient ammonia. *Atmospheric Environment*, **2001**, 35, 1913-1922	5.3	151
72	Assessment of nitrogen ceilings for Dutch agricultural soils to avoid adverse environmental impacts. *Scientific World Journal, The*, **2001**, 1 Suppl 2, 898-907	2.2	5
71	Nitrogen emission and deposition: the European perspective. *Scientific World Journal, The*, **2001**, 1, 879-96	2.2	3
70	Effects of Environmental Stress on Forest Crown Condition in Europe. Part III: Estimation of Critical Deposition and Concentration Levels and Their Exceedances. *Water, Air, and Soil Pollution*, **2000**, 119, 363-386	2.6	22
69	Effects of Environmental Stress on Forest Crown Condition in Europe. Part IV: Statistical Analysis of Relationships. *Water, Air, and Soil Pollution*, **2000**, 119, 387-420	2.6	72
68	Effects of environmental stress on forest crown condition in Europe. Part I: Hypotheses and approach to the study. *Water, Air, and Soil Pollution*, **2000**, 119, 317-333	2.6	54

67	Effects of environmental stress on forest crown condition in Europe. Part II: Estimation of stress induced by meteorology and air pollutants. *Water, Air, and Soil Pollution*, **2000**, 119, 335-362	2.6	15
66	Long-term Continuous Measurements of SO2 Dry Deposition over the Speulder Forest. *Water, Air, and Soil Pollution*, **1999**, 109, 237-262	2.6	9
65	Deposition Monitoring in Europe. *Environmental Monitoring and Assessment*, **1998**, 53, 279-295	3.1	36
64	Assessment of the Exposure and Loads of Acidifying and Eutrophying Pollutants and Ozone, as well as their Harmful Influence on the Vitality of the Trees and the Speulder Forest Ecosystem as a Whole. *Water, Air, and Soil Pollution*, **1998**, 105, 539-571	2.6	11
63	Ammonia exchange over coniferous forest. *Atmospheric Environment*, **1998**, 32, 441-451	5.3	97
62	Atmospheric deposition of ammonia to semi-natural vegetation in the Netherlands□ethods for mapping and evaluation. *Atmospheric Environment*, **1998**, 32, 481-489	5.3	21
61	Summary statement. *Environmental Pollution*, **1998**, 102, 3-12	9.3	77
60	Evaluation of ammonia emission abatement on the basis of measurements and model calculations. *Environmental Pollution*, **1998**, 102, 269-274	9.3	110
59	Consequences of new scientific findings for future abatement of ammonia emissions. *Environmental Pollution*, **1998**, 102, 275-282	9.3	21
58	Optimizing air quality management in Europe and North America: Justification for integrated management of both oxidized and reduced forms of nitrogen. *Environmental Pollution*, **1998**, 102, 599-608	9.3	30
57	Spatial planning as a tool for decreasing nitrogen loads in nature areas. *Environmental Pollution*, **1998**, 102, 649-655	9.3	11
56	Fog deposition on a coniferous forest in The Netherlands. *Atmospheric Environment*, **1997**, 31, 375-386	5.3	46
55	The impact of canopy exchange on differences observed between atmospheric deposition and throughfall fluxes. *Atmospheric Environment*, **1997**, 31, 387-397	5.3	72
54	The aerosol project: Introduction and some background information. *Atmospheric Environment*, **1997**, 31, 315-319	5.3	7
53	Particle deposition to forests□ummary of results and application. *Atmospheric Environment*, **1997**, 31, 321-332	5.3	74
52	Base-cation deposition in Europe□art II. Acid neutralization capacity and contribution to forest nutrition. *Atmospheric Environment*, **1997**, 31, 4159-4168	5.3	27
51	Base cation deposition in europe□art I. Model description, results and uncertainties. *Atmospheric Environment*, **1997**, 31, 4139-4157	5.3	23
50	Dry Deposition Monitoring of SO2, NH3 and NO2 over a Coniferous Forest **1997**, 251-255		

49	Assessment of Dry Deposition and Total Acidifying Loads in Europe **1997**, 93-116		2
48	Mapping wet deposition of acidifying components and base cations over Europe using measurements. *Atmospheric Environment*, **1996**, 30, 2495-2511	5.3	34
47	The application of throughfall measurements for atmospheric deposition monitoring. *Atmospheric Environment*, **1996**, 30, 3349-3361	5.3	79
46	A generalised description of the deposition of acidifying pollutants on a small scale in Europe. *Water, Air, and Soil Pollution*, **1995**, 85, 2101-2106	2.6	6
45	The compilation of measurement based European wet deposition maps of acidifying components and base cations. *Water, Air, and Soil Pollution*, **1995**, 85, 2173-2178	2.6	3
44	A canopy budget model to assess atmospheric deposition from throughfall measurements. *Water, Air, and Soil Pollution*, **1995**, 85, 2253-2258	2.6	96
43	Mapping base cation deposition in Europe on a 10 □20 km grid. *Water, Air, and Soil Pollution*, **1995**, 85, 2389-2394	2.6	11
42	The contribution of canopy exchange to differences observed between atmospheric deposition and throughfall fluxes. *Studies in Environmental Science*, **1995**, 64, 455-456		
41	Particle deposition to forests. *Studies in Environmental Science*, **1995**, 64, 115-126		2
40	EDACS: European deposition maps of acidifying components on a small scale. *Studies in Environmental Science*, **1995**, 64, 197-210		8
39	Fog deposition on Douglas fir forest. *Studies in Environmental Science*, **1995**, 453-454		
38	Dry deposition monitoring of SO2, NH3 and NO2 over a coniferous forest. *Studies in Environmental Science*, **1995**, 64, 457-458		
37	. *Tellus, Series B: Chemical and Physical Meteorology*, **1994**, 46, 79-93	3.3	34
36	. *Tellus, Series B: Chemical and Physical Meteorology*, **1994**, 46, 159-171	3.3	19
35	Parametrization of surface resistance for the quantification of atmospheric deposition of acidifying pollutants and ozone. *Atmospheric Environment*, **1994**, 28, 2595-2607	5.3	285
34	Evaluation of a surface resistance parametrization of sulphur dioxide. *Atmospheric Environment*, **1994**, 28, 2583-2594	5.3	44
33	The Elspeetsche Veld experiment on surface exchange of trace gases: Summary of results. *Atmospheric Environment*, **1994**, 28, 487-496	5.3	48
32	Modelling dry deposition of SO2. *Tellus, Series B: Chemical and Physical Meteorology*, **1994**, 46, 159-171	3.3	12

31	Atmospheric sulphur deposition to forest stands: Throughfall estimates compared to estimates from inference. *Atmospheric Environment Part A General Topics*, **1993**, 27, 43-55		35
30	Monitoring the dry deposition of SO2 in the Netherlands: Results for grassland and heather vegetation. *Atmospheric Environment Part A General Topics*, **1993**, 27, 1153-1161		29
29	Continuous measurements of surface exchange of SO2 and NH3; Implications for their possible interaction in the deposition process. *Atmospheric Environment Part A General Topics*, **1993**, 27, 1937-1949		127
28	Acid deposition to nature areas in the Netherlands: Part I. Methods and results. *Water, Air, and Soil Pollution*, **1993**, 71, 51-80	2.6	44
27	Acid deposition onto nature areas in the Netherlands; Part II. Throughfall measurements compared to deposition estimates. *Water, Air, and Soil Pollution*, **1993**, 71, 81-99	2.6	26
26	Effects of decreased atmospheric deposition on the sulfur budgets of two Dutch moorland pools. *Biogeochemistry*, **1993**, 23, 119-144	3.8	8
25	A micrometeorological investigation of surface exchange parameters over heathland. *Boundary-Layer Meteorology*, **1991**, 57, 115-128	3.4	12
24	Gradients of the ammonia concentration in a nature reserve: Model results and measurements. *Atmospheric Environment*, **1989**, 23, 2259-2265		33
23	Deposition of the most acidifying components in The Netherlands during the period 1980–1986. *Atmospheric Environment*, **1989**, 23, 1051-1062		43
22	Field measurements of the dissociation of ammonium nitrate and ammonium chloride aerosols. *Atmospheric Environment*, **1989**, 23, 1591-1599		141
21	Wet deposition of ammonium in Europe. *Journal of Atmospheric Chemistry*, **1988**, 6, 265-280	3.2	42
20	Vertical distribution of gases and aerosols: The behaviour of ammonia and related components in the lower atmosphere. *Atmospheric Environment*, **1988**, 22, 1153-1160		104
19	Nitrogen as a threat to European water quality379-404		57
18	Nitrogen as a threat to European terrestrial biodiversity463-494		58
17	Nitrogen flows and fate in urban landscapes249-270		7
16	The European nitrogen problem in a global perspective9-31		39
15	Developing integrated approaches to nitrogen management541-550		6
14	Nitrogen as a threat to European soil quality495-510		9

13	The challenge to integrate nitrogen science and policies: the European Nitrogen Assessment approach82-96		21
12	Atmospheric transport and deposition of reactive nitrogen in Europe298-316		19
11	Nitrogen as a threat to the European greenhouse balance434-462		43
10	Summary for policy makersxxiv-xxxiv		15
9	Assessing our nitrogen inheritance1-6		12
8	Benefits of nitrogen for food, fibre and industrial production32-61		26
7	Nitrogen processes in aquatic ecosystems126-146		32
6	Nitrogen flows and fate in rural landscapes229-248		10
5	Costs and benefits of nitrogen in the environment513-540		35
4	Future scenarios of nitrogen in Europe551-569		8
3	Nitrogen processes in the atmosphere177-208		31
2	Integrating nitrogen fluxes at the European scale345-376		54
1	Nitrogen deposition shows no consistent negative nor positive effect on the response of forest productivity to drought across European FLUXNET forest sites.. *Environmental Research Communications*,	3.1	3