Jan Willem Erisman

List of Publications by Year
in descending order

192 papers	28,323 citations	17405 63 h-index	6113 159 g-index
198 all docs	198 docs citations	198 times ranked	23670 citing authors

#	Article	IF	Citations
1	Transformation of the Nitrogen Cycle: Recent Trends, Questions, and Potential Solutions. Science, 2008, 320, 889-892.	6.0	5,246
2	How a century of ammonia synthesis changed the world. Nature Geoscience, 2008, 1, 636-639.	5.4	2,909
3	The Nitrogen Cascade. BioScience, 2003, 53, 341.	2.2	2,278
4	Global assessment of nitrogen deposition effects on terrestrial plant diversity: a synthesis. Ecological Applications, 2010, 20, 30-59.	1.8	2,063
5	Enhanced nitrogen deposition over China. Nature, 2013, 494, 459-462.	13.7	2,009
6	Too much of a good thing. Nature, 2011, 472, 159-161.	13.7	810
7	Consequences of human modification of the global nitrogen cycle. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130116.	1.8	635
8	Atmospheric composition change: Ecosystemsâ€“Atmosphere interactions. Atmospheric Environment, 2009, 43, 5193-5267.	1.9	609
9	Reduced nitrogen in ecology and the environment. Environmental Pollution, 2007, 150, 140-149.	3.7	414
10	A nitrogen footprint model to help consumers understand their role in nitrogen losses to the environment. Environmental Development, 2012, 1, 40-66.	1.8	372
11	Parametrization of surface resistance for the quantification of atmospheric deposition of acidifying pollutants and ozone. Atmospheric Environment, 1994, 28, 2595-2607.	1.9	325
12	Ammonia in the environment: From ancient times to the present. Environmental Pollution, 2008, 156, 583-604.	3.7	289
13	Atmospheric nitrogen compounds II: emissions, transport, transformation, deposition and assessment. Atmospheric Environment, 2001, 35, 1903-1911.	1.9	276
14	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.	1.9	254
15	Down to Earth: Contextualizing the Anthropocene. Global Environmental Change, 2016, 39, 341-350.	3.6	239
16	Reactive nitrogen in the environment and its effect on climate change. Current Opinion in Environmental Sustainability, 2011, 3, 281-290.	3.1	224
17	Nitrogen footprints: past, present and future. Environmental Research Letters, 2014, 9, 115003.	2.2	222
18	Effects of Agriculture upon the Air Quality and Climate: Research, Policy, and Regulations. Environmental Science & Technology, 2009, 43, 4234-4240.	4.6	219

#	Article	IF	Citations
19	The need for ammonia abatement with respect to secondary PM reductions in Europe. Environmental Pollution, 2004, 129, 159-163.	3.7	204
20	Challenges in quantifying biosphereâ€“atmosphere exchange of nitrogen species. Environmental Pollution, 2007, 150, 125-139.	3.7	203
21	A chronology of human understanding of the nitrogen cycle <sup />. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130120.	1.8	202
22	Global distributions, time series and error characterization of atmospheric ammonia (NH₃) from IASI satellite observations. Atmospheric Chemistry and Physics, 2014, 14, 2905-2922.	1.9	195
23	PM2.5 pollution is substantially affected by ammonia emissions in China. Environmental Pollution, 2016, 218, 86-94.	3.7	183
24	Instrument development and application in studies and monitoring of ambient ammonia. Atmospheric Environment, 2001, 35, 1913-1922.	1.9	181
25	Effects of global change during the 21st century on the nitrogen cycle. Atmospheric Chemistry and Physics, 2015, 15, 13849-13893.	1.9	168
26	Field measurements of the dissociation of ammonium nitrate and ammonium chloride aerosols. Atmospheric Environment, 1989, 23, 1591-1599.	1.1	167
27	Variability of particulate matter concentrations along roads and motorways determined by a moving measurement unit. Atmospheric Environment, 2004, 38, 2993-3002.	1.9	166
28	Intensive monitoring of forest ecosystems in Europe. Forest Ecology and Management, 2003, 174, 77-95.	1.4	164
29	Nitrogen emissions along global livestock supply chains. Nature Food, 2020, 1, 437-446.	6.2	160
30	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.	1.3	153
31	Environmental impact food labels combining carbon, nitrogen, and water footprints. Food Policy, 2016, 61, 213-223.	2.8	144
32	The contribution of nitrogen deposition to the photosynthetic capacity of forests. Global Biogeochemical Cycles, 2013, 27, 187-199.	1.9	127
33	Vertical distribution of gases and aerosols: The behaviour of ammonia and related components in the lower atmosphere. Atmospheric Environment, 1988, 22, 1153-1160.	1.1	126
34	Agricultural air quality in Europe and the future perspectives. Atmospheric Environment, 2008, 42, 3209-3217.	1.9	122
35	A World of Cobenefits: Solving the Global Nitrogen Challenge. Earth's Future, 2019, 7, 865-872.	2.4	122
36	Evaluation of ammonia emission abatement on the basis of measurements and model calculations. Environmental Pollution, 1998, 102, 269-274.	3.7	119

#	Article	IF	Citations
37	A canopy budget model to assess atmospheric deposition from throughfall measurements. Water, Air, and Soil Pollution, 1995, 85, 2253-2258.	1.1	116
38	Deposition to forests in Europe: most important factors influencing dry deposition and models used for generalisation. Environmental Pollution, 2003, 124, 379-388.	3.7	110
39	The European perspective on nitrogen emission and deposition. Environment International, 2003, 29, 311-325.	4.8	110
40	Ammonia exchange over coniferous forest. Atmospheric Environment, 1998, 32, 441-451.	1.9	108
41	Nitrogen and biofuels; an overview of the current state of knowledge. Nutrient Cycling in Agroecosystems, 2010, 86, 211-223.	1.1	105
42	Biosphereâ€“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.	2.5	104
43	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. Ambio, 2017, 46, 129-142.	2.8	102
44	Farming pollution. Nature Geoscience, 2008, 1, 409-411.	5.4	93
45	Air quality improvement in a megacity: implications from 2015ÂBeijing Parade Blue pollution control actions. Atmospheric Chemistry and Physics, 2017, 17, 31-46.	1.9	91
46	Towards validation of ammonia (NH₃) measurements from the IASI satellite. Atmospheric Measurement Techniques, 2015, 8, 1575-1591.	1.2	90
47	Title is missing!. Water, Air, and Soil Pollution, 2000, 119, 387-420.	1.1	89
48	NH₃ emissions from large point sources derived from CrIS and IASI satellite observations. Atmospheric Chemistry and Physics, 2019, 19, 12261-12293.	1.9	89
49	Summary statement. Environmental Pollution, 1998, 102, 3-12.	3.7	87
50	The application of throughfall measurements for atmospheric deposition monitoring. Atmospheric Environment, 1996, 30, 3349-3361.	1.9	86
51	Particle deposition to forestsâ€”Summary of results and application. Atmospheric Environment, 1997, 31, 321-332.	1.9	86
52	Element fluxes through European forest ecosystems and their relationships with stand and site characteristics. Environmental Pollution, 2007, 148, 501-513.	3.7	86
53	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.	0.8	86
54	Agriculture and biodiversity: a better balance benefits both. AIMS Agriculture and Food, 2016, 1, 157-174.	0.8	86

#	Article	IF	Citations
55	The impact of canopy exchange on differences observed between atmospheric deposition and throughfall fluxes. Atmospheric Environment, 1997, 31, 387-397.	1.9	85
56	Organic Agriculture 3.0 is innovation with research. Organic Agriculture, 2017, 7, 169-197.	1.2	84
57	N deposition as a threat to the Worldâ€™s protected areas under the Convention on Biological Diversity. Environmental Pollution, 2011, 159, 2280-2288.	3.7	83
58	Nitrogen as a threat to European water quality. , 2011, , 379-404.		80
59	Title is missing!. Plant and Soil, 2001, 228, 131-145.	1.8	79
60	Nitrogen processes in terrestrial ecosystems. , 2011, , 99-125.		77
61	Governing processes for reactive nitrogen compounds in the European atmosphere. Biogeosciences, 2012, 9, 4921-4954.	1.3	77
62	Nitrogen as a threat to European terrestrial biodiversity. , 2011, , 463-494.		73
63	Title is missing!. Water, Air, and Soil Pollution, 2000, 119, 317-333.	1.1	71
64	Reactive nitrogen emissions from crop and livestock farming in India. Atmospheric Environment, 2012, 47, 92-103.	1.9	71
65	Practical considerations for addressing uncertainties in monitoring bulk deposition. Environmental Pollution, 2005, 134, 535-548.	3.7	68
66	Potential of extensification of European agriculture for a more sustainable food system, focusing on nitrogen. Environmental Research Letters, 2015, 10, 025002.	2.2	68
67	Monitoring and modelling of biosphere/atmosphere exchange of gases and aerosols in Europe. Environmental Pollution, 2005, 133, 403-413.	3.7	67
68	Worldwide spatiotemporal atmospheric ammonia (NH₃) columns variability revealed by satellite. Geophysical Research Letters, 2015, 42, 8660-8668.	1.5	66
69	Title is missing!. Plant and Soil, 2001, 228, 117-129.	1.8	65
70	Establishing the link between ammonia emission control and measurements of reduced nitrogen concentrations and deposition. Environmental Monitoring and Assessment, 2003, 82, 149-185.	1.3	65
71	Integrating nitrogen fluxes at the European scale. , 0, , 345-376.		65
72	Global, regional and national trends of atmospheric ammonia derived from a decadal (2008â€“2018) satellite record. Environmental Research Letters, 2021, 16, 055017.	2.2	65

#	Article	IF	Citations
73	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Productionâ€“Consumption Chain. Sustainability, 2018, 10, 925.	1.6	62
74	Modelling the dynamic chemical interactions of atmospheric ammonia with leaf surface wetness in a managed grassland canopy. Biogeosciences, 2009, 6, 67-84.	1.3	61
75	Evaluating 4 years of atmospheric ammonia (NH₃) over Europe using IASI satellite observations and LOTOSâ€EUROS model results. Journal of Geophysical Research D: Atmospheres, 2014, 119, 9549-9566.	1.2	61
76	Nitrogen as a threat to the European greenhouse balance. , 2011, , 434-462.		58
77	International Geosphereâ€“Biosphere Programme and Earth system science: Three decades of co-evolution. Anthropocene, 2015, 12, 3-16.	1.6	57
78	An evaluation of IASI-NH₃ with ground-based Fourier transform infrared spectroscopy measurements. Atmospheric Chemistry and Physics, 2016, 16, 10351-10368.	1.9	56
79	Dynamics of ammonia exchange with cut grassland: synthesis of results and conclusions of the GRAMINAE Integrated Experiment. Biogeosciences, 2009, 6, 2907-2934.	1.3	55
80	The Elspeetsche Veld experiment on surface exchange of trace gases: Summary of results. Atmospheric Environment, 1994, 28, 487-496.	1.9	54
81	Costs and benefits of nitrogen in the environment. , 2011, , 513-540.		54
82	The Human Creation and Use of Reactive Nitrogen: A Global and Regional Perspective. Annual Review of Environment and Resources, 2021, 46, 255-288.	5.6	54
83	Validation of the CrIS fast physical NH₃ retrieval with ground-based FTIR. Atmospheric Measurement Techniques, 2017, 10, 2645-2667.	1.2	52
84	Wet deposition of ammonium in Europe. Journal of Atmospheric Chemistry, 1988, 6, 265-280.	1.4	51
85	Fog deposition on a coniferous forest in The Netherlands. Atmospheric Environment, 1997, 31, 375-386.	1.9	51
86	Dynamics of ammonia exchange with cut grassland: strategy and implementation of the GRAMINAE Integrated Experiment. Biogeosciences, 2009, 6, 309-331.	1.3	51
87	Promoting nature conservation by Dutch farmers: a governance perspective. International Journal of Agricultural Sustainability, 2017, 15, 264-281.	1.3	51
88	Deposition of the most acidifying components in The Netherlands during the period 1980â€“1986. Atmospheric Environment, 1989, 23, 1051-1062.	1.1	49
89	Evaluation of a surface resistance parametrization of sulphur dioxide. Atmospheric Environment, 1994, 28, 2583-2594.	1.9	49
90	The European nitrogen problem in a global perspective. , 2011, , 9-31.		49

#	Article	IF	Citations
91	Acid deposition to nature areas in the Netherlands: Part I. Methods and results. Water, Air, and Soil Pollution, 1993, 71, 51-80.	1.1	48
92	Aerosol fluxes and particle growth above managed grassland. Biogeosciences, 2009, 6, 1627-1645.	1.3	46
93	Nitrogen processes in aquatic ecosystems. , 2011, , 126-146.		46
94	Chinese coastal seas are facing heavy atmospheric nitrogen deposition. Environmental Research Letters, 2014, 9, 095007.	2.2	46
95	Deposition Monitoring in Europe. Environmental Monitoring and Assessment, 1998, 53, 279-295.	1.3	44
96	Mapping wet deposition of acidifying components and base cations over Europe using measurements. Atmospheric Environment, 1996, 30, 2495-2511.	1.9	41
97	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
98	How ammonia feeds and pollutes the world. Science, 2021, 374, 685-686.	6.0	41
99	Gradients of the ammonia concentration in a nature reserve: Model results and measurements. Atmospheric Environment, 1989, 23, 2259-2265.	1.1	40
100	Atmospheric sulphur deposition to forest stands: Throughfall estimates compared to estimates from inference. Atmospheric Environment Part A General Topics, 1993, 27, 43-55.	1.3	40
101	Inter-comparison of ammonia fluxes obtained using the Relaxed Eddy Accumulation technique. Biogeosciences, 2009, 6, 2575-2588.	1.3	39
102	Review of deposition monitoring methods. Tellus, Series B: Chemical and Physical Meteorology, 1994, 46, 79-93.	0.8	37
103	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.	3.7	37
104	Base-cation deposition in Europeâ€"part II. Acid neutralization capacity and contribution to forest nutrition. Atmospheric Environment, 1997, 31, 4159-4168.	1.9	35
105	Nitrogen processes in the atmosphere. , 2011, , 177-208.		35
106	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.	1.3	34
107	Overview and assessment of techniques to measure ammonia emissions from animal houses: the case of the Netherlands. Environmental Pollution, 2005, 135, 381-388.	3.7	34
108	Benefits of nitrogen for food, fibre and industrial production. , 2011, , 32-61.		34

#	Article	IF	Citations
109	An outlook for a national integrated nitrogen policy. Environmental Science and Policy, 2001, 4, 87-95.	2.4	33
110	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. Soil Research, 2017, 55, 417.	0.6	33
111	Cleaning up nitrogen pollution may reduce future carbon sinks. Global Environmental Change, 2018, 48, 56-66.	3.6	33
112	Retrieval of ammonia from ground-based FTIR solar spectra. Atmospheric Chemistry and Physics, 2015, 15, 12789-12803.	1.9	32
113	Global change: Put people at the centre of global risk management. Nature, 2015, 519, 151-153.	13.7	31
114	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
115	Title is missing!. Water, Air, and Soil Pollution, 2000, 119, 363-386.	1.1	29
116	The Nanjing Declaration on Management of Reactive Nitrogen. BioScience, 2004, 54, 286.	2.2	29
117	Advection of NH₃ over a pasture field and its effect on gradient flux measurements. Biogeosciences, 2009, 6, 1295-1309.	1.3	29
118	A Carbon Cycle Science Update Since IPCC AR-4. Ambio, 2010, 39, 402-412.	2.8	29
119	Low historical nitrogen deposition effect on carbon sequestration in the boreal zone. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 2542-2561.	1.3	29
120	Measuring atmospheric ammonia with remote sensing campaign: Part 1 â€“ Characterisation of vertical ammonia concentration profile in the centre of The Netherlands. Atmospheric Environment, 2017, 169, 97-112.	1.9	29
121	Deposition monitoring networks: what monitoring is required to give reasonable estimates of ammonia/ammonium?. Environmental Pollution, 2005, 135, 419-431.	3.7	28
122	Linking Ammonia Emission Trends to Measured Concentrations and Deposition of Reduced Nitrogen at Different Scales. , 2009, , 123-180.		28
123	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.	1.1	27
124	Base cation deposition in europeâ€"part I. Model description, results and uncertainties. Atmospheric Environment, 1997, 31, 4139-4157.	1.9	27
125	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
126	Estimating environmentally relevant fixed nitrogen demand in the 21st century. Climatic Change, 2013, 120, 889-901.	1.7	27

#	Article	IF	Citations
127	Nitrogen use and food production in European regions from a global perspective. Journal of Agricultural Science, 2014, 152, 9-19.	0.6	27
128	Consequences of new scientific findings for future abatement of ammonia emissions. Environmental Pollution, 1998, 102, 275-282.	3.7	26
129	The challenge to integrate nitrogen science and policies: the European Nitrogen Assessment approach. , 2011, , 82-96.		26
130	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.	1.9	26
131	Nonlinearities in Source Receptor Relationships for Sulfur and Nitrogen Compounds. Ambio, 2005, 34, 41-46.	2.8	25
132	Modelling dry deposition of SO2. Tellus, Series B: Chemical and Physical Meteorology, 1994, 46, 159-171.	0.8	22
133	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
134	The Dutch N-cascade in the European perspective. Science in China Series C: Life Sciences, 2005, 48, 827-842.	1.3	22
135	Modelling dry deposition of SO2. Tellus, Series B: Chemical and Physical Meteorology, 1994, 46, 159-171.	0.8	22
136	Atmospheric transport and deposition of reactive nitrogen in Europe. , 2011, , 298-316.		21
137	Summary for policy makers. , 2011, , xxiv-xxxiv.		21
138	Land use mediates riverine nitrogen export under the dominant influence of human activities. Environmental Research Letters, 2017, 12, 094018.	2.2	21
139	Title is missing!. Water, Air, and Soil Pollution, 2000, 119, 335-362.	1.1	20
140	Estimation of NH₃ emissions from a naturally ventilated livestock farm using local-scale atmospheric dispersion modelling. Biogeosciences, 2009, 6, 2847-2860.	1.3	19
141	Can the presence of plantain (Plantago lanceolataL.) improve nitrogen cycling of dairy grassland systems on peat soils?. New Zealand Journal of Agricultural Research, 2020, 63, 106-122.	0.9	19
142	Setting ambitious goals for agriculture to meet environmental targets. One Earth, 2021, 4, 15-18.	3.6	19
143	Title is missing!. Water, Air, and Soil Pollution, 1998, 105, 539-571.	1.1	17
144	Assessing our nitrogen inheritance. , 2011, , 1-6.		17

#	Article	IF	Citations
145	A micrometeorological investigation of surface exchange parameters over heathland. Boundary-Layer Meteorology, 1991, 57, 115-128.	1.2	16
146	NitroGenius: A Nitrogen Decision Support System. Ambio, 2002, 31, 190-196.	2.8	16
147	The nitrogen footprint of organic food in the United States. Environmental Research Letters, 2020, 15, 045004.	2.2	15
148	Mapping base cation deposition in Europe on a 10 Ã— 20 km grid. Water, Air, and Soil Pollution, 1995, 85, 2389-2394.	1.1	14
149	Preface ''Nitrogen & Global Change''. Biogeosciences, 2012, 9, 1691-1693.	1.3	14
150	Non-stomatal exchange in ammonia dry deposition models: comparison of two state-of-the-art approaches. Atmospheric Chemistry and Physics, 2016, 16, 13417-13430.	1.9	14
151	Long-term Continuous Measurements of SO2 Dry Deposition over the Speulder Forest. Water, Air, and Soil Pollution, 1999, 109, 237-262.	1.1	13
152	Nitrogen flows and fate in urban landscapes. , 2011, , 249-270.		13
153	Nitrogen as a threat to European soil quality. , 2011, , 495-510.		13
154	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.	1.9	12
155	Innovative, sustainable, and circular agricultural systems for the future. Organic Agriculture, 2021, 11, 179-185.	1.2	12
156	Spatial planning as a tool for decreasing nitrogen loads in nature areas. Environmental Pollution, 1998, 102, 649-655.	3.7	11
157	A generalised description of the deposition of acidifying pollutants on a small scale in Europe. Water, Air, and Soil Pollution, 1995, 85, 2101-2106.	1.1	10
158	Nitrogen flows and fate in rural landscapes. , 0, , 229-248.		10
159	Long Term Trends in Sulphur and Nitrogen Deposition in Europe and the Cause of Non-linearities. , 2007, , 41-47.		10
160	EDACS: European deposition maps of acidifying components on a small scale. Studies in Environmental Science, 1995, 64, 197-210.	0.0	9
161	Two options to explain the ammonia gap in The Netherlands. Environmental Science and Policy, 2001, 4, 97-105.	2.4	9
162	Future scenarios of nitrogen in Europe. , 2011, , 551-569.		9

#	Article	IF	Citations
163	Assessment of nitrogen fluxes to air and water from site scale to continental scale: An overview. Environmental Pollution, 2011, 159, 3143-3148.	3.7	9
164	Effects of decreased atmospheric deposition on the sulfur budgets of two Dutch moorland pools. Biogeochemistry, 1993, 23, 119-144.	1.7	8
165	The aerosol project: Introduction and some background information. Atmospheric Environment, 1997, 31, 315-319.	1.9	8
166	Towards a coupled paradigm of NH₃â€CO₂ biosphereâ€“atmosphere exchange modelling. Global Change Biology, 2020, 26, 4654-4663.	4.2	7
167	Developing integrated approaches to nitrogen management. , 2011, , 541-550.		6
168	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, 0, , .	0.9	6
169	Assessment of Nitrogen Ceilings for Dutch Agricultural Soils to Avoid Adverse Environmental Impacts. Scientific World Journal, The, 2001, 1, 898-907.	0.8	5
170	Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants and Climate Change. , 2014, , 493-505.		5
171	Detecting Change in Atmospheric Ammonia Following Emission Changes. , 2009, , 383-390.		5
172	Impacts of Nitrogen Deposition on Ecosystem Services in Interaction with Other Nutrients, Air Pollutants and Climate Change. , 2014, , 387-396.		5
173	Satellite-derived leaf area index and roughness length information for surfaceâ€“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.	1.3	5
174	Data assimilation of CrIS NH₃ satellite observations for improving spatiotemporal NH₃ distributions in LOTOS-EUROS. Atmospheric Chemistry and Physics, 2022, 22, 951-972.	1.9	5
175	Particle deposition to forests. Studies in Environmental Science, 1995, 64, 115-126.	0.0	4
176	The compilation of measurement based European wet deposition maps of acidifying components and base cations. Water, Air, and Soil Pollution, 1995, 85, 2173-2178.	1.1	4
177	Nitrogen Emission and Deposition: The European Perspective. Scientific World Journal, The, 2001, 1, 879-896.	0.8	4
178	Fog deposition on Douglas fir forest. Studies in Environmental Science, 1995, , 453-454.	0.0	3
179	Decreasing reactive nitrogen losses in organic agricultural systems. Organic Agriculture, 2021, 11, 217-223.	1.2	3
180	Acid Deposition and Energy Use. , 2004, , 1-15.		2

#	Article	IF	Citations
181	Nature-based agriculture for an adequate human microbiome. Organic Agriculture, 2021, 11, 225-230.	1.2	2
182	Ammonia exchange at the tree-atmosphere interface. Tree Physiology, 2002, , 159-173.	0.9	2
183	Nitrogen Deposition as a Threat to the Worldâ€™s Protected Areas Under the Convention on Biological Diversity (CBD). , 2014, , 295-303.		2
184	Assessment of Dry Deposition and Total Acidifying Loads in Europe. , 1997, , 93-116.		2
185	The Dutch N-cascade in the european perspective. Science in China Series C: Life Sciences, 2005, 48 Spec No, 827-42.	1.3	2
186	Workshop on Nitrogen Deposition, Critical Loads and Biodiversity: Scientific Synthesis and Summary for Policy Makers. , 2014, , 507-526.		1
187	Dry Deposition Monitoring of SO2, NH3 and NO2 over a Coniferous Forest. , 1997, , 251-255.		1
188	Potential of Extensification of European and Dutch Agriculture for a More Sustainable Food System Focusing on Nitrogen and Livestock. , 2020, , 83-98.		1
189	The contribution of canopy exchange to differences observed between atmospheric deposition and throughfall fluxes. Studies in Environmental Science, 1995, 64, 455-456.	0.0	0
190	Dry deposition monitoring of SO2, NH3 and NO2 over a coniferous forest. Studies in Environmental Science, 1995, 64, 457-458.	0.0	0
191	Summary of regulatory/policy/economic issues related to nitrogen. Environment International, 2003, 29, 327-328.	4.8	0
192	Two N-visualisation tools: game versus reality. Journal of Integrative Environmental Sciences, 2010, 7, 289-299.	1.0	0