

Eiko Nemitz

List of Publications by Year in descending order

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Version: 2024-02-01

214
papers

15,075
citations

18482

62
h-index

30087

103
g-index

338
all docs

338
docs citations

338
times ranked

11238
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of measurement and modelling results of particle atmosphere–surface exchange. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 60, 42.	1.6	138
2	Seasonality of isoprene emissions and oxidation products above the remote Amazon. <i>Environmental Science Atmospheres</i> , 2022, 2, 230-240.	2.4	4
3	Passive breath monitoring of livestock: using factor analysis to deconvolve the cattle shed. <i>Journal of Breath Research</i> , 2022, 16, 026005.	3.0	0
4	Anthropogenic air pollutants reduce insect-mediated pollination services. <i>Environmental Pollution</i> , 2022, 297, 118847.	7.5	41
5	Direct observations of CO ₂ emission reductions due to COVID-19 lockdown across European urban districts. <i>Science of the Total Environment</i> , 2022, 830, 154662.	8.0	37
6	Avoiding high ozone pollution in Delhi, India. <i>Faraday Discussions</i> , 2021, 226, 502-514.	3.2	42
7	Sources of non-methane hydrocarbons in surface air in Delhi, India. <i>Faraday Discussions</i> , 2021, 226, 409-431.	3.2	23
8	Pan-European rural monitoring network shows dominance of NH ₃ gas and NH ₄ NO ₃ aerosol in inorganic atmospheric pollution load. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 875-914.	4.9	21
9	Direct measurements of black carbon fluxes in central Beijing using the eddy covariance method. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 147-162.	4.9	6
10	Comprehensive organic emission profiles, secondary organic aerosol production potential, and OH reactivity of domestic fuel combustion in Delhi, India. <i>Environmental Science Atmospheres</i> , 2021, 1, 104-117.	2.4	11
11	Emissions of non-methane volatile organic compounds from combustion of domestic fuels in Delhi, India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2383-2406.	4.9	29
12	Emissions of intermediate-volatility and semi-volatile organic compounds from domestic fuels used in Delhi, India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2407-2426.	4.9	33
13	Measurement and modelling of the dynamics of NH ₃ surface–atmosphere exchange over the Amazonian rainforest. <i>Biogeosciences</i> , 2021, 18, 2809-2825.	3.3	2
14	The high-frequency response correction of eddy covariance fluxes – Part 1: An experimental approach and its interdependence with the time-lag estimation. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 5071-5088.	3.1	7
15	FLUXNET-CH ₄ : a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. <i>Earth System Science Data</i> , 2021, 13, 3607-3689.	9.9	79
16	The high-frequency response correction of eddy covariance fluxes – Part 2: An experimental approach for analysing noisy measurements of small fluxes. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 5089-5106.	3.1	2
17	Seasonal analysis of submicron aerosol in Old Delhi using high-resolution aerosol mass spectrometry: chemical characterisation, source apportionment and new marker identification. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10133-10158.	4.9	15
18	PM ₁ composition and source apportionment at two sites in Delhi, India, across multiple seasons. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11655-11667.	4.9	13

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19	In situ ozone production is highly sensitive to volatile organic compounds in Delhi, India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13609-13630.	4.9	28
20	Emission estimates and inventories of non-methane volatile organic compounds from anthropogenic burning sources in India. <i>Atmospheric Environment: X</i> , 2021, 11, 100115.	1.4	6
21	Gap-filling eddy covariance methane fluxes: Comparison of machine learning model predictions and uncertainties at FLUXNET-CH4 wetlands. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108528.	4.8	33
22	Atmospheric observations consistent with reported decline in the UK's methane emissions (2013–2020). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16257-16276.	4.9	8
23	An evaluation of four years of nitrous oxide fluxes after application of ammonium nitrate and urea fertilisers measured using the eddy covariance method. <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107812.	4.8	28
24	Measurements of traffic-dominated pollutant emissions in a Chinese megacity. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8737-8761.	4.9	33
25	Potential and limitation of air pollution mitigation by vegetation and uncertainties of deposition-based evaluations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190320.	3.4	41
26	A chronology of global air quality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190314.	3.4	87
27	Vertical profiles of biogenic volatile organic compounds as observed online at a tower in Beijing. <i>Journal of Environmental Sciences</i> , 2020, 95, 33-42.	6.1	19
28	Neural Network Analysis to Evaluate Ozone Damage to Vegetation Under Different Climatic Conditions. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	2.3	6
29	Carbon–nitrogen interactions in European forests and semi-natural vegetation – Part 1: Fluxes and budgets of carbon, nitrogen and greenhouse gases from ecosystem monitoring and modelling. <i>Biogeosciences</i> , 2020, 17, 1583-1620.	3.3	21
30	Carbon–nitrogen interactions in European forests and semi-natural vegetation – Part 2: Untangling climatic, edaphic, management and nitrogen deposition effects on carbon sequestration potentials. <i>Biogeosciences</i> , 2020, 17, 1621-1654.	3.3	18
31	Surface–atmosphere fluxes of volatile organic compounds in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15101-15125.	4.9	13
32	Concentrations and biosphere–atmosphere fluxes of inorganic trace gases and associated ionic aerosol counterparts over the Amazon rainforest. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15551-15584.	4.9	7
33	Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. <i>Science of the Total Environment</i> , 2019, 681, 226-234.	8.0	29
34	Meteorological measurements at Auchencorth Moss from 1995 to 2016. <i>Geoscience Data Journal</i> , 2019, 6, 16-29.	4.4	4
35	Introduction to the special issue – In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing) – <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7519-7546.	4.9	95
36	Country-scale greenhouse gas budgets using shipborne measurements: a case study for the UK and Ireland. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3043-3063.	4.9	5

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37	Urban natural capital accounts: developing a novel approach to quantify air pollution removal by vegetation. <i>Journal of Environmental Economics and Policy</i> , 2019, 8, 413-428.	2.5	30
38	Validity and limitations of simple reaction kinetics to calculate concentrations of organic compounds from ion counts in PTR-MS. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6193-6208.	3.1	53
39	Modelling carbonaceous aerosol from residential solid fuel burning with different assumptions for emissions. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4497-4518.	4.9	11
40	Characterization of ozone deposition to a mixed oak&hornbeam forest & flux measurements at five levels above and inside the canopy and their interactions with nitric oxide. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17945-17961.	4.9	19
41	Surface&atmosphere exchange of inorganic water-soluble gases and associated ions in bulk aerosol above agricultural grassland pre- and postfertilisation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16953-16978.	4.9	11
42	Vertical distribution of aerosol optical properties in the Po Valley during the 2012 summer campaigns. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5371-5389.	4.9	11
43	Seasonal fluxes of carbon monoxide from an intensively grazed grassland in Scotland. <i>Atmospheric Environment</i> , 2018, 194, 170-178.	4.1	10
44	A measurement-based verification framework for UK greenhouse gas emissions: an overview of the Greenhouse gAs Uk and Global Emissions (GAUGE) project. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11753-11777.	4.9	29
45	Towards long-term standardised carbon and greenhouse gas observations for monitoring Europe&TM's terrestrial ecosystems: a review. <i>International Agrophysics</i> , 2018, 32, 439-455.	1.7	55
46	Standardisation of eddy-covariance flux measurements of methane and nitrous oxide. <i>International Agrophysics</i> , 2018, 32, 517-549.	1.7	66
47	Isoprene emission potentials from European oak forests derived from canopy flux measurements: an assessment of uncertainties and inter-algorithm variability. <i>Biogeosciences</i> , 2017, 14, 5571-5594.	3.3	11
48	Process-based modelling of NH<sub>3</sub> exchange with grazed grasslands. <i>Biogeosciences</i> , 2017, 14, 4161-4193.	3.3	4
49	The nitrogen, carbon and greenhouse gas budget of a grazed, cut and fertilised temperate grassland. <i>Biogeosciences</i> , 2017, 14, 2069-2088.	3.3	48
50	The import and export of organic nitrogen species at a Scottish ombrotrophic peatland. <i>Biogeosciences</i> , 2016, 13, 2353-2365.	3.3	5
51	The UK particulate matter air pollution episode of March&April 2014: more than Saharan dust. <i>Environmental Research Letters</i> , 2016, 11, 044004.	5.2	40
52	Ubiquity of organic nitrates from nighttime chemistry in the European submicron aerosol. <i>Geophysical Research Letters</i> , 2016, 43, 7735-7744.	4.0	182
53	Simulating secondary organic aerosol from missing diesel-related intermediate-volatility organic compound emissions during the Clean Air for London&(ClearLo) campaign. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6453-6473.	4.9	60
54	Canopy-scale flux measurements and bottom-up emission estimates of volatile organic compounds from a mixed oak and hornbeam forest in northern Italy. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7149-7170.	4.9	27

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55	Impacts of the 2014–2015 Holuhraun eruption on the UK atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11415-11431.	4.9	16
56	Evidence for ambient dark aqueous SOA formation in the Po Valley, Italy. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8095-8108.	4.9	39
57	Evaluation of European air quality modelled by CAMx including the volatility basis set scheme. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10313-10332.	4.9	47
58	Spatial and temporal variability of urban fluxes of methane, carbon monoxide and carbon dioxide above London, UK. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10543-10557.	4.9	70
59	Atmospheric mixing ratios of methyl ethyl ketone (2-butanone) in tropical, boreal, temperate and marine environments. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10965-10984.	4.9	37
60	Model simulations of cooking organic aerosol (COA) over the UK using estimates of emissions based on measurements at two sites in London. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13773-13789.	4.9	36
61	The sensitivities of emissions reductions for the mitigation of UK PM _{2.5} . <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 265-276.	4.9	70
62	Characterization of total ecosystem-scale biogenic VOC exchange at a Mediterranean oak–hornbeam forest. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7171-7194.	4.9	24
63	Peer review report 1 On ‘Partitioning ozone fluxes between canopy and forest floor by measurements and a multi-layer model’. <i>Agricultural and Forest Meteorology</i> , 2015, 201, 593-594.	4.8	0
64	Studying the spatial variability of methane flux with five eddy covariance towers of varying height. <i>Agricultural and Forest Meteorology</i> , 2015, 214-215, 456-472.	4.8	27
65	Effects of global change during the 21st century on the nitrogen cycle. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13849-13893.	4.9	168
66	Seasonal and diurnal trends in concentrations and fluxes of volatile organic compounds in central London. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 7777-7796.	4.9	34
67	Water soluble aerosols and gases at a UK background site – Part 1: Controls of PM _{2.5} and PM ₁₀ aerosol composition. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8131-8145.	4.9	38
68	Particulate matter, air quality and climate: lessons learned and future needs. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8217-8299.	4.9	641
69	Advanced source apportionment of size-resolved trace elements at multiple sites in London during winter. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11291-11309.	4.9	71
70	Eddy-covariance data with low signal-to-noise ratio: time-lag determination, uncertainties and limit of detection. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 4197-4213.	3.1	80
71	ACTRIS non-methane hydrocarbon intercomparison experiment in Europe to support WMO GAW and EMEP observation networks. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2715-2736.	3.1	28
72	Drivers of long-term variability in CO ₂ net ecosystem exchange in a temperate peatland. <i>Biogeosciences</i> , 2015, 12, 1799-1811.	3.3	75

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73	Measurement of NO _x Fluxes from a Tall Tower in Central London, UK and Comparison with Emissions Inventories. <i>Environmental Science & Technology</i> , 2015, 49, 1025-1034.	10.0	32
74	Meteorology, Air Quality, and Health in London: The ClearLo Project. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 779-804.	3.3	105
75	Surface/Atmosphere Exchange of Atmospheric Acids and Aerosols, Including the Effect and Model Treatment of Chemical Interactions. , 2015, , 115-149.		3
76	Impact of Leaf Surface and In-canopy Air Chemistry on the Ecosystem/Atmosphere Exchange of Atmospheric Pollutants. , 2015, , 199-206.		0
77	Evaluating the performance of commonly used gas analysers for methane eddy covariance flux measurements: the INGOS inter-comparison field experiment. <i>Biogeosciences</i> , 2014, 11, 3163-3186.	3.3	38
78	Simulation of CO ₂ and Attribution Analysis at Six European Peatland Sites Using the ECOSSE Model. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	21
79	Volatile organic compound speciation above and within a Douglas fir forest. <i>Atmospheric Environment</i> , 2014, 94, 86-95.	4.1	9
80	Quantifying missing annual emission sources of heavy metals in the United Kingdom with an atmospheric transport model. <i>Science of the Total Environment</i> , 2014, 479-480, 171-180.	8.0	27
81	Area fluxes of carbon dioxide, methane, and carbon monoxide derived from airborne measurements around Greater London: A case study during summer 2012. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4940-4952.	3.3	46
82	Concentrations of selected volatile organic compounds at kerbside and background sites in central London. <i>Atmospheric Environment</i> , 2014, 95, 456-467.	4.1	26
83	Effects of sources and meteorology on particulate matter in the Western Mediterranean Basin: An overview of the DAURE campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4978-5010.	3.3	49
84	Concentrations and fluxes of isoprene and oxygenated VOCs at a French Mediterranean oak forest. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10085-10102.	4.9	50
85	Organic aerosol concentration and composition over Europe: insights from comparison of regional model predictions with aerosol mass spectrometer factor analysis. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9061-9076.	4.9	68
86	Organic aerosol components derived from 25 AMS data sets across Europe using a consistent ME-2 based source apportionment approach. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6159-6176.	4.9	308
87	Chemically Resolved Particle Fluxes Over Tropical and Temperate Forests. <i>Aerosol Science and Technology</i> , 2013, 47, 818-830.	3.1	27
88	The cycling of organic nitrogen through the atmosphere. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130115.	4.0	119
89	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
90	Sub-Antarctic marine aerosol: dominant contributions from biogenic sources. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8669-8694.	4.9	82

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91	Wintertime aerosol chemical composition and source apportionment of the organic fraction in the metropolitan area of Paris. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 961-981.	4.9	391
92	Advances in understanding, models and parameterizations of biosphere-atmosphere ammonia exchange. <i>Biogeosciences</i> , 2013, 10, 5183-5225.	3.3	116
93	Processes of ammonia air-surface exchange in a fertilized <i>Zea mays</i> canopy. <i>Biogeosciences</i> , 2013, 10, 981-998.	3.3	37
94	Comparison of soil greenhouse gas fluxes from extensive and intensive grazing in a temperate maritime climate. <i>Biogeosciences</i> , 2013, 10, 1231-1241.	3.3	54
95	Advances in Understanding, Models and Parameterizations of Biosphere-Atmosphere Ammonia Exchange. , 2013, , 11-84.		5
96	Reply to 'Circadian control of global isoprene emissions'. <i>Nature Geoscience</i> , 2012, 5, 435-436.	12.9	2
97	Chemically-resolved aerosol eddy covariance flux measurements in urban Mexico City during MILAGRO 2006. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7809-7823.	4.9	14
98	Lessons learnt from the first EMEP intensive measurement periods. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8073-8094.	4.9	58
99	Atmospheric chemistry and physics in the atmosphere of a developed megacity (London): an overview of the REPARTEE experiment and its conclusions. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3065-3114.	4.9	124
100	Comparison of three techniques for analysis of data from an Aerosol Time-of-Flight Mass Spectrometer. <i>Atmospheric Environment</i> , 2012, 61, 316-326.	4.1	34
101	Preface "Nitrogen & Global Change". <i>Biogeosciences</i> , 2012, 9, 1691-1693.	3.3	14
102	Development of PTR-MS selectivity for structural isomers: Monoterpenes as a case study. <i>International Journal of Mass Spectrometry</i> , 2012, 310, 10-19.	1.5	37
103	The impact of local surface changes in Borneo on atmospheric composition at wider spatial scales: coastal processes, land-use change and air quality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3210-3224.	4.0	27
104	Organic nitrogen in the atmosphere – Where does it come from? A review of sources and methods. <i>Atmospheric Research</i> , 2011, 102, 30-48.	4.1	210
105	Surface/atmosphere exchange and chemical interactions of reactive nitrogen compounds above a managed grassland. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1488-1503.	4.8	26
106	Nitrogen as a threat to the European greenhouse balance. , 2011, , 434-462.		58
107	Eddy covariance measurements with high-resolution time-of-flight aerosol mass spectrometry: a new approach to chemically resolved aerosol fluxes. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 1275-1289.	3.1	39
108	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) – integrating aerosol research from nano to global scales. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13061-13143.	4.9	278

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109	Corrigendum to "Controls of carbon dioxide concentrations and fluxes above central London" published in Atmos. Chem. Phys., 11, 1913-1928, 2011. Atmospheric Chemistry and Physics, 2011, 11, 2081-2081.	4.9	0
110	Boundary layer dynamics over London, UK, as observed using Doppler lidar during REPARTEE-II. Atmospheric Chemistry and Physics, 2011, 11, 2111-2125.	4.9	140
111	The influence of small-scale variations in isoprene concentrations on atmospheric chemistry over a tropical rainforest. Atmospheric Chemistry and Physics, 2011, 11, 4121-4134.	4.9	40
112	Direct ecosystem fluxes of volatile organic compounds from oil palms in South-East Asia. Atmospheric Chemistry and Physics, 2011, 11, 8995-9017.	4.9	82
113	Controls of carbon dioxide concentrations and fluxes above central London. Atmospheric Chemistry and Physics, 2011, 11, 1913-1928.	4.9	96
114	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.	4.9	254
115	Estimation of spatial apportionment of greenhouse gas emissions for the UK using boundary layer measurements and inverse modelling technique. Atmospheric Environment, 2011, 45, 1042-1049.	4.1	36
116	Key unknowns in estimating atmospheric emissions from UK land management. Atmospheric Environment, 2011, 45, 1067-1074.	4.1	16
117	Real-time aerosol mass spectrometry with millisecond resolution. International Journal of Mass Spectrometry, 2011, 303, 15-26.	1.5	63
118	The atmospheric chemistry of trace gases and particulate matter emitted by different land uses in Borneo. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3177-3195.	4.0	36
119	Effects of land use on surface-atmosphere exchanges of trace gases and energy in Borneo: comparing fluxes over oil palm plantations and a rainforest. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3196-3209.	4.0	78
120	Ground-level ozone influenced by circadian control of isoprene emissions. Nature Geoscience, 2011, 4, 671-674.	12.9	59
121	Nitrous oxide emissions from managed grassland: a comparison of eddy covariance and static chamber measurements. Atmospheric Measurement Techniques, 2011, 4, 2179-2194.	3.1	81
122	Fluxes and concentrations of volatile organic compounds from a South-East Asian tropical rainforest. Atmospheric Chemistry and Physics, 2010, 10, 8391-8412.	4.9	119
123	Review and parameterisation of bi-directional ammonia exchange between vegetation and the atmosphere. Atmospheric Chemistry and Physics, 2010, 10, 10359-10386.	4.9	187
124	Overview: oxidant and particle photochemical processes above a south-east Asian tropical rainforest (the OP3 project): introduction, rationale, location characteristics and tools. Atmospheric Chemistry and Physics, 2010, 10, 169-199.	4.9	130
125	Large estragole fluxes from oil palms in Borneo. Atmospheric Chemistry and Physics, 2010, 10, 4343-4358.	4.9	58
126	Corrigendum to "Overview: oxidant and particle photochemical processes above a south-east Asian tropical rainforest (the OP3 project): introduction, rationale, location characteristics and tools" published in Atmos. Chem. Phys., 10, 169-199, 2010. Atmospheric Chemistry and Physics, 2010, 10, 563-563.	4.9	5

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127	Contributions from transport, solid fuel burning and cooking to primary organic aerosols in two UK cities. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 647-668.	4.9	366
128	Aerosol fluxes and dynamics within and above a tropical rainforest in South-East Asia. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9369-9382.	4.9	41
129	Night-time chemistry above London: measurements of NO ₂ and N ₂ O ₅ from the BT Tower. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9781-9795.	4.9	65
130	Fluxes and concentrations of volatile organic compounds above central London, UK. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 627-645.	4.9	87
131	Modelling chemistry in the nocturnal boundary layer above tropical rainforest and a generalised effective nocturnal ozone deposition velocity for sub-ppbv NO _x conditions. <i>Journal of Atmospheric Chemistry</i> , 2010, 65, 89-110.	3.2	8
132	Turbulent Flow at 190m Height Above London During 2006–2008: A Climatology and the Applicability of Similarity Theory. <i>Boundary-Layer Meteorology</i> , 2010, 137, 77-96.	2.3	121
133	Development of a low-cost system for measuring conditional time-averaged gradients of SO ₂ and NH ₃ . <i>Environmental Monitoring and Assessment</i> , 2010, 161, 11-27.	2.7	30
134	Modeling the surface–atmosphere exchange of ammonia. <i>Atmospheric Environment</i> , 2010, 44, 945-957.	4.1	65
135	Evaluation of a diode laser based photoacoustic instrument combined with preconcentration sampling for measuring surface–atmosphere exchange of ammonia with the aerodynamic gradient method. <i>Atmospheric Environment</i> , 2010, 44, 1490-1496.	4.1	10
136	Field inter-comparison of eleven atmospheric ammonia measurement techniques. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 91-112.	3.1	215
137	Sources of uncertainty in eddy covariance ozone flux measurements made by dry chemiluminescence fast response analysers. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 163-176.	3.1	47
138	Estimation of In-Canopy Ammonia Sources and Sinks in a Fertilized <i>Zea mays</i> Field. <i>Environmental Science & Technology</i> , 2010, 44, 1683-1689.	10.0	70
139	Eddy-covariance measurements of nitrous oxide fluxes above a city. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 786-793.	4.8	36
140	Ammonia sources and sinks in an intensively managed grassland canopy. <i>Biogeosciences</i> , 2009, 6, 1903-1915.	3.3	48
141	Inter-comparison of ammonia fluxes obtained using the Relaxed Eddy Accumulation technique. <i>Biogeosciences</i> , 2009, 6, 2575-2588.	3.3	39
142	Dynamics of ammonia exchange with cut grassland: strategy and implementation of the GRAMINAE Integrated Experiment. <i>Biogeosciences</i> , 2009, 6, 309-331.	3.3	51
143	SURFATM-NH ₃ : a model combining the surface energy balance and bi-directional exchanges of ammonia applied at the field scale. <i>Biogeosciences</i> , 2009, 6, 1371-1388.	3.3	61
144	Dynamics of ammonia exchange with cut grassland: synthesis of results and conclusions of the GRAMINAE Integrated Experiment. <i>Biogeosciences</i> , 2009, 6, 2907-2934.	3.3	55

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145	Ammonia fluxes in relation to cutting and fertilization of an intensively managed grassland derived from an inter-comparison of gradient measurements. <i>Biogeosciences</i> , 2009, 6, 819-834.	3.3	52
146	Modelling the dynamic chemical interactions of atmospheric ammonia with leaf surface wetness in a managed grassland canopy. <i>Biogeosciences</i> , 2009, 6, 67-84.	3.3	61
147	Turbulence characteristics in grassland canopies and implications for tracer transport. <i>Biogeosciences</i> , 2009, 6, 1519-1537.	3.3	27
148	Aerosol fluxes and particle growth above managed grassland. <i>Biogeosciences</i> , 2009, 6, 1627-1645.	3.3	46
149	Nitrogen management is essential to prevent tropical oil palm plantations from causing ground-level ozone pollution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18447-18451.	7.1	161
150	Ultrafine particle fluxes above four major European cities. <i>Atmospheric Environment</i> , 2009, 43, 4714-4721.	4.1	52
151	Atmospheric composition change: Ecosystems' Atmosphere interactions. <i>Atmospheric Environment</i> , 2009, 43, 5193-5267.	4.1	609
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