

Eiko Nemitz

List of Publications by Year in descending order

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214
papers

15,075
citations

18482

62
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30087

103
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338
all docs

338
docs citations

338
times ranked

11238
citing authors

#	ARTICLE	IF	CITATIONS
1	Particulate matter, air quality and climate: lessons learned and future needs. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8217-8299.	4.9	641
2	Atmospheric composition change: Ecosystemsâ€™ Atmosphere interactions. <i>Atmospheric Environment</i> , 2009, 43, 5193-5267.	4.1	609
3	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
4	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
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	Size distributions of trace metals in atmospheric aerosols in the United Kingdom. <i>Atmospheric Environment</i> , 2001, 35, 4581-4591.	4.1	326
7	Quantifying the effect of urban tree planting on concentrations and depositions of PM10 in two UK conurbations. <i>Atmospheric Environment</i> , 2007, 41, 8455-8467.	4.1	321
8	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
9	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) â€™ integrating aerosol research from nano to global scales. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13061-13143.	4.9	278
10	Effects of climate and management intensity on nitrous oxide emissions in grassland systems across Europe. <i>Agriculture, Ecosystems and Environment</i> , 2007, 121, 135-152.	5.3	262
11	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
12	Field inter-comparison of eleven atmospheric ammonia measurement techniques. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 91-112.	3.1	215
13	A two-layer canopy compensation point model for describing bi-directional biosphere-atmosphere exchange of ammonia. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2001, 127, 815-833.	2.7	210
14	Organic nitrogen in the atmosphere â€™ Where does it come from? A review of sources and methods. <i>Atmospheric Research</i> , 2011, 102, 30-48.	4.1	210
15	Challenges in quantifying biosphereâ€™atmosphere exchange of nitrogen species. <i>Environmental Pollution</i> , 2007, 150, 125-139.	7.5	203
16	Development of resistance models to describe measurements of bi-directional ammonia surfaceâ€™atmosphere exchange. <i>Atmospheric Environment</i> , 1998, 32, 473-480.	4.1	188
17	Review and parameterisation of bi-directional ammonia exchange between vegetation and the atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10359-10386.	4.9	187
18	Ubiquity of organic nitrates from nighttime chemistry in the European submicron aerosol. <i>Geophysical Research Letters</i> , 2016, 43, 7735-7744.	4.0	182

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19	Micrometeorological Measurements of the Urban Heat Budget and CO ₂ Emissions on a City Scale. <i>Environmental Science & Technology</i> , 2002, 36, 3139-3146.	10.0	168
20	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
21	Quantitative sampling using an Aerodyne aerosol mass spectrometer 2. Measurements of fine particulate chemical composition in two U.K. cities. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	166
22	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
23	Boundary layer dynamics over London, UK, as observed using Doppler lidar during REPARTEE-II. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 2111-2125.	4.9	140
24	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
25	Resistance modelling of ammonia exchange over oilseed rape. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 405-425.	4.8	131
26	Overview: oxidant and particle photochemical processes above a south-east Asian tropical rainforest (the OP3 project): introduction, rationale, location characteristics and tools. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 169-199.	4.9	130
27	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
28	Biotic, Abiotic, and Management Controls on the Net Ecosystem CO ₂ Exchange of European Mountain Grassland Ecosystems. <i>Ecosystems</i> , 2008, 11, 1338-1351.	3.4	122
29	Turbulent Flow at 190 m 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
30	Fluxes and concentrations of volatile organic compounds from a South-East Asian tropical rainforest. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 8391-8412.	4.9	119
31	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
32	Role of canopy-scale photochemistry in modifying biogenic-atmosphere exchange of reactive terpene species: Results from the CELTIC field study. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	117
33	Advances in understanding, models and parameterizations of biosphere-atmosphere ammonia exchange. <i>Biogeosciences</i> , 2013, 10, 5183-5225.	3.3	116
34	The bi-directional exchange of oxygenated VOCs between a loblolly pine (<>Pinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3015-3031.	4.9	109
35	Eddy covariance fluxes of peroxyacetyl nitrates (PANs) and NO _y to a coniferous forest. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	107
36	An Eddy-Covariance System for the Measurement of Surface/Atmosphere Exchange Fluxes of Submicron Aerosol Chemical Species-First Application Above an Urban Area. <i>Aerosol Science and Technology</i> , 2008, 42, 636-657.	3.1	107

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37	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
38	Biosphere-atmosphere exchange of reactive nitrogen and greenhouse gases at the NitroEurope core flux measurement sites: Measurement strategy and first data sets. <i>Agriculture, Ecosystems and Environment</i> , 2009, 133, 139-149.	5.3	104
39	Direct measurements and parameterisation of aerosol flux, concentration and emission velocity above a city. <i>Atmospheric Environment</i> , 2002, 36, 791-800.	4.1	102
40	Measurements and parameterizations of small aerosol deposition velocities to grassland, arable crops, and forest: Influence of surface roughness length on deposition. <i>Journal of Geophysical Research</i> , 2002, 107, AAC 8-1.	3.3	101
41	Gas-particle interactions above a Dutch heathland: I. Surface exchange fluxes of NH_3 , SO_2 , HNO_3 and HCl. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 989-1005.	4.9	101
42	Sources and sinks of ammonia within an oilseed rape canopy. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 385-404.	4.8	99
43	Controls of carbon dioxide concentrations and fluxes above central London. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 1913-1928.	4.9	96
44	Evaluation of Laser Absorption Spectroscopic Techniques for Eddy Covariance Flux Measurements of Ammonia. <i>Environmental Science & Technology</i> , 2008, 42, 2041-2046.	10.0	95
45	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
46	Estimating the reduction of urban PM10 concentrations by trees within an environmental information system for planners. <i>Journal of Environmental Management</i> , 2007, 85, 44-58.	7.8	90
47	Fluxes and concentrations of volatile organic compounds above central London, UK. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 627-645.	4.9	87
48	A chronology of global air quality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190314.	3.4	87
49	Mixing ratios and eddy covariance flux measurements of volatile organic compounds from an urban canopy (Manchester, UK). <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 1971-1987.	4.9	84
50	Direct ecosystem fluxes of volatile organic compounds from oil palms in South-East Asia. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8995-9017.	4.9	82
51	Sub-Antarctic marine aerosol: dominant contributions from biogenic sources. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8669-8694.	4.9	82
52	Cloud Activating Properties of Aerosol Observed during CELTIC. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 441-459.	1.7	81
53	European scale application of atmospheric reactive nitrogen measurements in a low-cost approach to infer dry deposition fluxes. <i>Agriculture, Ecosystems and Environment</i> , 2009, 133, 183-195.	5.3	81
54	Nitrous oxide emissions from managed grassland: a comparison of eddy covariance and static chamber measurements. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 2179-2194.	3.1	81

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55	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
56	Title is missing!. <i>Plant and Soil</i> , 2001, 228, 131-145.	3.7	79
57	FLUXNET-CH<sub>4</sub>: 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
58	An Automated Analyzer to Measure Surface-Atmosphere Exchange Fluxes of Water Soluble Inorganic Aerosol Compounds and Reactive Trace Gases. <i>Environmental Science & Technology</i> , 2009, 43, 1412-1418.	10.0	78
59	Effects of land use on surface"atmosphere exchanges of trace gases and energy in Borneo: comparing fluxes over oil palm plantations and a rainforest. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3196-3209.	4.0	78
60	Measuring Aerosol and Heavy Metal Deposition on Urban Woodland and Grass Using Inventories of ²¹⁰ Pb and Metal Concentrations in Soil. <i>Water, Air and Soil Pollution</i> , 2004, 4, 483-499.	0.8	76
61	Drivers of long-term variability in CO<sub>2</sub> net ecosystem exchange in a temperate peatland. <i>Biogeosciences</i> , 2015, 12, 1799-1811.	3.3	75
62	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
63	Micrometeorological measurements of particle deposition velocities to moorland vegetation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2002, 128, 2281-2300.	2.7	70
64	Gas-particle interactions above a Dutch heathland: II. Concentrations and surface exchange fluxes of atmospheric particles. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 1007-1024.	4.9	70
65	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
66	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
67	The sensitivities of emissions reductions for the mitigation of UK PM<sub>2.5</sub>. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 265-276.	4.9	70
68	Stomatal compensation points for ammonia in oilseed rape plants under field conditions. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 371-383.	4.8	68
69	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
70	Standardisation of eddy-covariance flux measurements of methane and nitrous oxide. <i>International Agrophysics</i> , 2018, 32, 517-549.	1.7	66
71	Title is missing!. <i>Plant and Soil</i> , 2001, 228, 117-129.	3.7	65
72	Night-time chemistry above London: measurements of NO<sub>3</sub> and N<sub>2</sub>O<sub>5</sub> from the BT Tower. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9781-9795.	4.9	65

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73	Modeling the surface-atmosphere exchange of ammonia. <i>Atmospheric Environment</i> , 2010, 44, 945-957.	4.1	65
74	Gas-particle interactions above a Dutch heathland: III. Modelling the influence of the NH_3 - HNO_3 - NH_4NO_3 equilibrium on size-segregated particle fluxes. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 1025-1045.	4.9	63
75	Real-time aerosol mass spectrometry with millisecond resolution. <i>International Journal of Mass Spectrometry</i> , 2011, 303, 15-26.	1.5	63
76	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
77	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
78	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
79	Modelling atmospheric mercury transport and deposition across Europe and the UK. <i>Atmospheric Environment</i> , 2001, 35, 5455-5466.	4.1	59
80	Ground-level ozone influenced by circadian control of isoprene emissions. <i>Nature Geoscience</i> , 2011, 4, 671-674.	12.9	59
81	Ammonia emissions from seabird colonies. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	58
82	Large estragole fluxes from oil palms in Borneo. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4343-4358.	4.9	58
83	Nitrogen as a threat to the European greenhouse balance. , 2011, , 434-462.		58
84	Lessons learnt from the first EMEP intensive measurement periods. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8073-8094.	4.9	58
85	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
86	Towards long-term standardised carbon and greenhouse gas observations for monitoring Europe's terrestrial ecosystems: a review. <i>International Agrophysics</i> , 2018, 32, 439-455.	1.7	55
87	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
88	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
89	Measuring Eddy Covariance Fluxes of Ammonia Using Tunable Diode Laser Absorption Spectroscopy. <i>Water, Air and Soil Pollution</i> , 2004, 4, 151-158.	0.8	52
90	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

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91	Ultrafine particle fluxes above four major European cities. <i>Atmospheric Environment</i> , 2009, 43, 4714-4721.	4.1	52
92	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
93	Measurements of ozone deposition to a potato canopy. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 655-666.	4.8	50
94	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
95	Micrometeorological measurements of net ammonia fluxes over oilseed rape during two vegetation periods. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 351-369.	4.8	49
96	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
97	Ammonia sources and sinks in an intensively managed grassland canopy. <i>Biogeosciences</i> , 2009, 6, 1903-1915.	3.3	48
98	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
99	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
100	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
101	Aerosol fluxes and particle growth above managed grassland. <i>Biogeosciences</i> , 2009, 6, 1627-1645.	3.3	46
102	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
103	Coupling between Land Ecosystems and the Atmospheric Hydrologic Cycle through Biogenic Aerosol Pathways. <i>Bulletin of the American Meteorological Society</i> , 2005, 86, 1738-1742.	3.3	43
104	Avoiding high ozone pollution in Delhi, India. <i>Faraday Discussions</i> , 2021, 226, 502-514.	3.2	42
105	Concentration-dependent NH ₃ deposition processes for mixed moorland semi-natural vegetation. <i>Atmospheric Environment</i> , 2007, 41, 2049-2060.	4.1	41
106	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
107	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
108	Anthropogenic air pollutants reduce insect-mediated pollination services. <i>Environmental Pollution</i> , 2022, 297, 118847.	7.5	41

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109	The influence of small-scale variations in isoprene concentrations on atmospheric chemistry over a tropical rainforest. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 4121-4134.	4.9	40
110	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
111	Inter-comparison of ammonia fluxes obtained using the Relaxed Eddy Accumulation technique. <i>Biogeosciences</i> , 2009, 6, 2575-2588.	3.3	39
112	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
113	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
114	Surface/atmosphere exchange and chemical interaction of gases and aerosols over oilseed rape. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 427-445.	4.8	38
115	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
116	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
117	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
118	Processes of ammonia air–surface exchange in a fertilized & Zea mays canopy. <i>Biogeosciences</i> , 2013, 10, 981-998.	3.3	37
119	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
120	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
121	Eddy-covariance measurements of nitrous oxide fluxes above a city. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 786-793.	4.8	36
122	Estimation of spatial apportionment of greenhouse gas emissions for the UK using boundary layer measurements and inverse modelling technique. <i>Atmospheric Environment</i> , 2011, 45, 1042-1049.	4.1	36
123	The atmospheric chemistry of trace gases and particulate matter emitted by different land uses in Borneo. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3177-3195.	4.0	36
124	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
125	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
126	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

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127	Measurements of traffic-dominated pollutant emissions in a Chinese megacity. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8737-8761.	4.9	33
128	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
129	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
130	Intercomparison and assessment of turbulent and physiological exchange parameters of grassland. <i>Biogeosciences</i> , 2009, 6, 1445-1466.	3.3	33
131	Fluxes of ammonia over oilseed rape. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 327-349.	4.8	32
132	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
133	The use of disjunct eddy sampling methods for the determination of ecosystem level fluxes of trace gases. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 981-994.	4.9	31
134	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
135	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
136	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
137	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
138	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
139	Dynamics of Ammonia Exchange in Response to Cutting and Fertilising in an Intensively-Managed Grassland. , 2001, , 167-176.		29
140	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
141	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
142	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
143	Turbulence characteristics in grassland canopies and implications for tracer transport. <i>Biogeosciences</i> , 2009, 6, 1519-1537.	3.3	27
144	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

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145	Chemically Resolved Particle Fluxes Over Tropical and Temperate Forests. <i>Aerosol Science and Technology</i> , 2013, 47, 818-830.	3.1	27
146	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
147	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
148	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
149	A Relaxed Eddy Accumulation System for the Automated Measurement of Atmospheric Ammonia Fluxes. <i>Water, Air and Soil Pollution</i> , 2001, 1, 189-202.	0.8	26
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