Hugo A C Denier Van Der Gon

List of Publications by Year in descending order

153 papers	10,319 citations	38660 50 h-index	42291 92 g-index
259 all docs	259 docs citations	259 times ranked	10046 citing authors

#	Article	IF	Citations
1	Evolution of anthropogenic and biomass burning emissions of air pollutants at global and regional scales during the 1980â€“2010 period. Climatic Change, 2011, 109, 163-190.	1.7	740
2	HTAP_v2.2: a mosaic of regional and global emission grid maps for 2008 and 2010 to study hemispheric transport of air pollution. Atmospheric Chemistry and Physics, 2015, 15, 11411-11432.	1.9	647
3	Particulate matter, air quality and climate: lessons learned and future needs. Atmospheric Chemistry and Physics, 2015, 15, 8217-8299.	1.9	641
4	TNO-MACC_II emission inventory; a multi-year (2003â€“2009) consistent high-resolution European emission inventory for air quality modelling. Atmospheric Chemistry and Physics, 2014, 14, 10963-10976.	1.9	357
5	Urban air quality: The challenge of traffic non-exhaust emissions. Journal of Hazardous Materials, 2014, 275, 31-36.	6.5	314
6	Warming-induced increase in aerosol number concentration likely to moderate climate change. Nature Geoscience, 2013, 6, 438-442.	5.4	282
7	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) â€“ integrating aerosol research from nano to global scales. Atmospheric Chemistry and Physics, 2011, 11, 13061-13143.	1.9	278
8	A regional air quality forecasting system over Europe: the MACC-II daily ensemble production. Geoscientific Model Development, 2015, 8, 2777-2813.	1.3	214
9	Modelling of organic aerosols over Europe (2002â€“2007) using a volatility basis set (VBS) framework: application of different assumptions regarding the formation of secondary organic aerosol. Atmospheric Chemistry and Physics, 2012, 12, 8499-8527.	1.9	193
10	Particulate emissions from residential wood combustion in Europe â€“ revised estimates and an evaluation. Atmospheric Chemistry and Physics, 2015, 15, 6503-6519.	1.9	193
11	Model evaluation and ensemble modelling of surface-level ozone in Europe and North America in the context of AQMEII. Atmospheric Environment, 2012, 53, 60-74.	1.9	192
12	Influence of organic matter incorporation on the methane emission from a wetland rice field. Global Biogeochemical Cycles, 1995, 9, 11-22.	1.9	181
13	The Policy Relevance of Wear Emissions from Road Transport, Now and in the Futureâ€"An International Workshop Report and Consensus Statement. Journal of the Air and Waste Management Association, 2013, 63, 136-149.	0.9	157
14	Comparing emission inventories and model-ready emission datasets between Europe and North America for the AQMEII project. Atmospheric Environment, 2012, 53, 4-14.	1.9	156
15	Emission factors for heavy metals from diesel and petrol used in European vehicles. Atmospheric Environment, 2012, 61, 641-651.	1.9	147
16	Evaluation of operational online-coupled regional air quality models over Europe and North America in the context of AQMEII phase 2. Part II: Particulate matter. Atmospheric Environment, 2015, 115, 421-441.	1.9	133
17	Oxidation of methane in the rhizosphere of rice plants. Biology and Fertility of Soils, 1996, 22, 359-366.	2.3	125
18	Vertical emission profiles for Europe based on plume rise calculations. Environmental Pollution, 2011, 159, 2935-2946.	3.7	120

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19	Evaluation of a three-dimensional chemical transport model (PMCAMx) in the European domain during the EUCAARI May 2008 campaign. Atmospheric Chemistry and Physics, 2011, 11, 10331-10347.	1.9	111
20	Emissions of persistent organic pollutants and eight candidate POPs from UNECEâ€"Europe in 2000, 2010 and 2020 and the emission reduction resulting from the implementation of the UNECE POP protocol. Atmospheric Environment, 2007, 41, 9245-9261.	1.9	110
21	Satellite observations reveal extreme methane leakage from a natural gas well blowout. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26376-26381.	3.3	107
22	Optimizing grain yields reduces CH4 emissions from rice paddy fields. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12021-12024.	3.3	106
23	Formation of organic aerosol in the Paris region during the MEGAPOLI summer campaign: evaluation of the volatility-basis-set approach within the CHIMERE model. Atmospheric Chemistry and Physics, 2013, 13, 5767-5790.	1.9	105
24	Anthropogenic black carbon and fine aerosol distribution over Europe. Journal of Geophysical Research, 2004, 109, .	3.3	104
25	Quantification of nitrogen oxides emissions from build-up of pollution over Paris with TROPOMI. Scientific Reports, 2019, 9, 20033.	1.6	104
26	Elemental composition of current automotive braking materials and derived air emission factors. Atmospheric Environment, 2014, 99, 436-445.	1.9	101
27	Analysis of the emission inventories and model-ready emission datasets of Europe and North America for phase 2 of the AQMEII project. Atmospheric Environment, 2015, 115, 345-360.	1.9	100
28	Curriculum vitae of the LOTOSâ€"EUROS (v2.0) chemistry transport model. Geoscientific Model Development, 2017, 10, 4145-4173.	1.3	100
29	In situ, satellite measurement and model evidence on the dominant regional contribution to fine particulate matter levels in the Paris megacity. Atmospheric Chemistry and Physics, 2015, 15, 9577-9591.	1.9	92
30	Model calculations of the effects of present and future emissions of air pollutants from shipping in the Baltic Sea and the North Sea. Atmospheric Chemistry and Physics, 2015, 15, 783-798.	1.9	91
31	Fuel consumption and associated emissions from seagoing ships at berth derived from an on-board survey. Atmospheric Environment, 2010, 44, 1229-1236.	1.9	86
32	Linking climate and air quality over Europe: effects of meteorology on PM_{2.5} concentrations. Atmospheric Chemistry and Physics, 2014, 14, 10283-10298.	1.9	85
33	Time-resolved emission reductions for atmospheric chemistry modelling in Europe during the COVID-19 lockdowns. Atmospheric Chemistry and Physics, 2021, 21, 773-797.	1.9	84
34	Diffusion-controlled transport of methane from soil to atmosphere as mediated by rice plants. Biogeochemistry, 1993, 21, 177-190.	1.7	82
35	A revised estimate of copper emissions from road transport in UNECE-Europe and its impact on predicted copper concentrations. Atmospheric Environment, 2007, 41, 8697-8710.	1.9	80
36	Source apportionment of PM2.5 across China using LOTOS-EUROS. Atmospheric Environment, 2017, 164, 370-386.	1.9	79

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37	Air quality modelling in the Berlinâ€“Brandenburg region using WRF-Chem v3.7.1: sensitivity to resolution of model grid and input data. Geoscientific Model Development, 2016, 9, 4339-4363.	1.3	77
38	Temporal patterns of methane emissions from wetland rice fields treated by different modes of N application. Journal of Geophysical Research, 1994, 99, 16457.	3.3	75
39	Brake wear from vehicles as an important source of diffuse copper pollution. Water Science and Technology, 2007, 56, 223-231.	1.2	70
40	Impact of grid resolution on the predicted fine PM by a regional 3-D chemical transport model. Atmospheric Environment, 2013, 68, 24-32.	1.9	68
41	Organic aerosol concentration and composition over Europe: insights from comparison of regional model predictions with aerosol mass spectrometer factor analysis. Atmospheric Chemistry and Physics, 2014, 14, 9061-9076.	1.9	68
42	Continental anthropogenic primary particle number emissions. Atmospheric Chemistry and Physics, 2016, 16, 6823-6840.	1.9	65
43	Impact of gypsum application on the methane emission from a wetland rice field. Global Biogeochemical Cycles, 1994, 8, 127-134.	1.9	64
44	Toward an Operational Anthropogenic CO2 Emissions Monitoring and Verification Support Capacity. Bulletin of the American Meteorological Society, 2020, 101, E1439-E1451.	1.7	63
45	Effect of rain events on the mobility of road dust load in two Dutch and Spanish roads. Atmospheric Environment, 2012, 62, 352-358.	1.9	61
46	Title is missing!. Mitigation and Adaptation Strategies for Global Change, 2001, 6, 71-89.	1.0	58
47	Indirect N2O emission due to atmospheric N deposition for the Netherlands. Atmospheric Environment, 2005, 39, 5827-5838.	1.9	58
48	Release of entrapped methane from wetland rice fields upon soil drying. Global Biogeochemical Cycles, 1996, 10, 1-7.	1.9	57
49	Anthropogenic and natural constituents in particulate matter in the Netherlands. Atmospheric Chemistry and Physics, 2011, 11, 2281-2294.	1.9	57
50	Short-term variability of mineral dust, metals and carbon emission from road dust resuspension. Atmospheric Environment, 2013, 74, 134-140.	1.9	57
51	Intercomparison of Magnitudes and Trends in Anthropogenic Surface Emissions From Bottomâ€Up Inventories, Topâ€Down Estimates, and Emission Scenarios. Earth's Future, 2020, 8, e2020EF001520.	2.4	54
52	CAMS-REG-v4: a state-of-the-art high-resolution European emission inventory for air quality modelling. Earth System Science Data, 2022, 14, 491-515.	3.7	53
53	Non-exhaust emissions of PM and the efficiency of emission reduction by road sweeping and washing in the Netherlands. Science of the Total Environment, 2010, 408, 4591-4599.	3.9	52
54	Impact of forest fires, biogenic emissions and high temperatures on the elevated Eastern Mediterranean ozone levels during the hot summer of 2007. Atmospheric Chemistry and Physics, 2012, 12, 8727-8750.	1.9	52

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55	Quantification of the urban air pollution increment and its dependency on the use of down-scaled and bottom-up city emission inventories. Urban Climate, 2013, 6, 44-62.	2.4	51
56	Light-absorbing carbon in Europe â€“ measurement and modelling, with a focus on residential wood combustion emissions. Atmospheric Chemistry and Physics, 2013, 13, 8719-8738.	1.9	51
57	Gaseous chemistry and aerosol mechanism developments for version 3.5.1 of the online regional model, WRF-Chem. Geoscientific Model Development, 2014, 7, 2557-2579.	1.3	51
58	Modeling emissions for three-dimensional atmospheric chemistry transport models. Journal of the Air and Waste Management Association, 2018, 68, 763-800.	0.9	51
59	Methane emission from a wetland rice field as affected by salinity. Plant and Soil, 1995, 170, 307-313.	1.8	50
60	Modelling the dispersion of particle numbers in five European cities. Geoscientific Model Development, 2016, 9, 451-478.	1.3	50
61	Multi-source SO₂ emission retrievals and consistency of satellite and surface measurements with reported emissions. Atmospheric Chemistry and Physics, 2017, 17, 12597-12616.	1.9	50
62	On the variability of Black Smoke and carbonaceous aerosols in the Netherlands. Atmospheric Environment, 2007, 41, 5908-5920.	1.9	49
63	Changes in CH4emission from rice fields from 1960 to 1990s: 1. Impacts of modern rice technology. Global Biogeochemical Cycles, 2000, 14, 61-72.	1.9	47
64	Prediction of reducible soil iron content from iron extraction data. Biogeochemistry, 2003, 64, 231-245.	1.7	47
65	The origin of ambient particulate matter concentrations in the Netherlands. Atmospheric Environment, 2013, 69, 289-303.	1.9	47
66	Megacity ozone air quality under four alternative future scenarios. Atmospheric Chemistry and Physics, 2012, 12, 4413-4428.	1.9	45
67	Simulating ultrafine particle formation in Europe using a regional CTM: contribution of primary emissions versus secondary formation to aerosol number concentrations. Atmospheric Chemistry and Physics, 2012, 12, 8663-8677.	1.9	45
68	Evaluation of anthropogenic air pollutant emission inventories for South America at national and city scale. Atmospheric Environment, 2020, 235, 117606.	1.9	45
69	Uncertainty analysis of a European high-resolution emission inventory of CO₂ and CO to support inverse modelling and network design. Atmospheric Chemistry and Physics, 2020, 20, 1795-1816.	1.9	44
70	Spatial and temporal dynamics of methane emissions from agricultural sources in China. Global Change Biology, 2001, 7, 31-47.	4.2	43
71	The effect of afforestation on water recharge and nitrogen leaching in The Netherlands. Forest Ecology and Management, 2006, 221, 170-182.	1.4	43
72	How much is particulate matter near the ground influenced by upper-level processes within and above the PBL? A summertime case study in Milan (Italy) evidences the distinctive role of nitrate. Atmospheric Chemistry and Physics, 2015, 15, 2629-2649.	1.9	42

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73	Variations in tropospheric submicron particle size distributions across the European continent 2008â€“2009. Atmospheric Chemistry and Physics, 2014, 14, 4327-4348.	1.9	41
74	Impact of residential combustion and transport emissions on air pollution in Santiago during winter. Atmospheric Environment, 2018, 190, 195-208.	1.9	41
75	Evaluation of receptor and chemical transport models for PM10 source apportionment. Atmospheric Environment: X, 2020, 5, 100053.	0.8	41
76	Copernicus Atmosphere Monitoring Service TEMPOral profiles (CAMS-TEMPO): global and European emission temporal profile maps for atmospheric chemistry modelling. Earth System Science Data, 2021, 13, 367-404.	3.7	41
77	Sources of organic aerosols in Europe: a modeling study using CAMx with modified volatility basis set scheme. Atmospheric Chemistry and Physics, 2019, 19, 15247-15270.	1.9	35
78	Evaluation of the performance of four chemical transport models in predicting the aerosol chemical composition in Europe in 2005. Atmospheric Chemistry and Physics, 2016, 16, 6041-6070.	1.9	34
79	Simulating the formation of carbonaceous aerosol in a European Megacity (Paris) during the MEGAPOLI summer and winter campaigns. Atmospheric Chemistry and Physics, 2016, 16, 3727-3741.	1.9	34
80	Sea salt emission, transport and influence on size-segregated nitrate simulation: a case study in northwestern Europe by WRF-Chem. Atmospheric Chemistry and Physics, 2016, 16, 12081-12097.	1.9	33
81	Lead emissions from road transport in Europe. Science of the Total Environment, 2009, 407, 5367-5372.	3.9	32
82	Atmospheric black carbon and warming effects influenced by the source and absorption enhancement in central Europe. Atmospheric Chemistry and Physics, 2014, 14, 12683-12699.	1.9	31
83	Impact of emission changes on secondary inorganic aerosol episodes across Germany. Atmospheric Chemistry and Physics, 2013, 13, 11675-11693.	1.9	29
84	Modelling ultrafine particle number concentrations at address resolution in Denmark from 1979 to 2018 - Part 2: Local and street scale modelling and evaluation. Atmospheric Environment, 2021, 264, 118633.	1.9	29
85	Modelling ultrafine particle number concentrations at address resolution in Denmark from 1979-2018 â€“ Part 1: Regional and urban scale modelling and evaluation. Atmospheric Environment, 2021, 264, 118631.	1.9	29
86	Oceanâ€“Atmosphere Interactions of Particles. Springer Earth System Sciences, 2014, , 171-246.	0.1	29
87	Methane mapping, emission quantification, and attribution in two European cities: Utrecht (NL) and Hamburg (DE). Atmospheric Chemistry and Physics, 2020, 20, 14717-14740.	1.9	29
88	Upscaling Regional Emissions of Greenhouse Gases from Rice Cultivation: Methods and Sources of Uncertainty. Plant Ecology, 2006, 182, 89-106.	0.7	28
89	Modelling the chemically aged and mixed aerosols over the eastern central Atlantic Ocean â€“ potential impacts. Atmospheric Chemistry and Physics, 2010, 10, 5797-5822.	1.9	27
90	A refinement of the emission data for Kola Peninsula based on inverse dispersion modelling. Atmospheric Chemistry and Physics, 2010, 10, 10849-10865.	1.9	26

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91	Estimation of the Paris NO_{<i>x</i>} emissions from mobile MAX-DOAS observations and CHIMERE model simulations during the MEGAPOLI campaign using the closed integral method. Atmospheric Chemistry and Physics, 2017, 17, 7853-7890.	1.9	26
92	New Directions: GEIA's 2020 vision for better air emissions information. Atmospheric Environment, 2013, 81, 710-712.	1.9	25
93	Methane emissions in the Netherlands: The Groningen field. Elementa, 2018, 6, .	1.1	25
94	Impact of a future H 2 transportation on atmospheric pollution in Europe. Atmospheric Environment, 2015, 113, 208-222.	1.9	24
95	Dynamic model evaluation for secondary inorganic aerosol and its precursors over Europe between 1990 and 2009. Geoscientific Model Development, 2015, 8, 1047-1070.	1.3	24
96	Impacts of controlling biomass burning emissions on wintertime carbonaceous aerosol in Europe. Atmospheric Environment, 2014, 87, 175-182.	1.9	23
97	Insights into the deterministic skill of air quality ensembles from the analysis of AQMEII data. Atmospheric Chemistry and Physics, 2016, 16, 15629-15652.	1.9	23
98	The consolidated European synthesis of CO₂ emissions and removals for the European Union and United Kingdom: 1990â€“2018. Earth System Science Data, 2021, 13, 2363-2406.	3.7	23
99	Quantifying burning efficiency in megacities using the NO₂â^•CO ratio from the Tropospheric Monitoring Instrument (TROPOMI). Atmospheric Chemistry and Physics, 2020, 20, 10295-10310.	1.9	23
100	Changes in CH4emission from rice fields From 1960 to 1990s: 2. The declining use of organic inputs in rice farming. Global Biogeochemical Cycles, 1999, 13, 1053-1062.	1.9	22
101	Interpreting continuous in-situ observations of carbon dioxide and carbon monoxide in the urban port area of Rotterdam. Atmospheric Pollution Research, 2017, 8, 174-187.	1.8	21
102	Disease burden and excess mortality from coal-fired power plant emissions in Europe. Environmental Research Letters, 2021, 16, 045010.	2.2	21
103	Upscaling methane emissions from rice paddies: Problems and possibilities. Global Biogeochemical Cycles, 2002, 16, 14-1-14-12.	1.9	20
104	Inter-comparison between HERMESv2.0 and TNO-MACC-II emission data using the CALIOPE air quality system (Spain). Atmospheric Environment, 2014, 98, 134-145.	1.9	20
105	Variation of the NMVOC speciation in the solvent sector and the sensitivity of modelled tropospheric ozone. Atmospheric Environment, 2016, 135, 59-72.	1.9	20
106	Anthropogenic Vanadium emissions to air and ambient air concentrations in North-West Europe. E3S Web of Conferences, 2013, 1, 03004.	0.2	18
107	Source sector and region contributions to BC and PM_{2.5} in Central Asia. Atmospheric Chemistry and Physics, 2015, 15, 1683-1705.	1.9	18
108	Spatial distribution of residential wood combustion emissions in the Nordic countries: How well national inventories represent local emissions?. Atmospheric Environment, 2021, 264, 118712.	1.9	18

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109	High-resolution inventory of atmospheric emissions from transport, industrial, energy, mining and residential activities in Chile. Earth System Science Data, 2022, 14, 361-379.	3.7	18
110	Impact of inland shipping emissions on elemental carbon concentrations near waterways in The Netherlands. Atmospheric Environment, 2014, 95, 1-9.	1.9	17
111	Evaluation of the size segregation of elemental carbon (EC) emission in Europe: influence on the simulation of EC long-range transportation. Atmospheric Chemistry and Physics, 2016, 16, 1823-1835.	1.9	17
112	Methane emissions from the Munich Oktoberfest. Atmospheric Chemistry and Physics, 2020, 20, 3683-3696.	1.9	17
113	Reductions in nitrogen oxides over the Netherlands between 2005 and 2018 observed from space and on the ground: Decreasing emissions and increasing O3 indicate changing NOx chemistry. Atmospheric Environment: X, 2021, 9, 100104.	0.8	17
114	Title is missing!. Nutrient Cycling in Agroecosystems, 2000, 58, 285-301.	1.1	16
115	Evaluating BC and NO_{<i>x</i>} emission inventories for the Paris region from MEGAPOLI aircraft measurements. Atmospheric Chemistry and Physics, 2015, 15, 9799-9818.	1.9	15
116	A multi-model approach to monitor emissions of CO₂ and CO from an urbanâ€“industrial complex. Atmospheric Chemistry and Physics, 2017, 17, 13297-13316.	1.9	15
117	The UrbEm Hybrid Method to Derive High-Resolution Emissions for City-Scale Air Quality Modeling. Atmosphere, 2021, 12, 1404.	1.0	15
118	European primary emissions of criteria pollutants and greenhouse gases in 2020 modulated by the COVID-19 pandemic disruptions. Earth System Science Data, 2022, 14, 2521-2552.	3.7	15
119	Effects of interpolation and data resolution on methane emission estimates from rice paddies. Environmental and Ecological Statistics, 2002, 9, 5-26.	1.9	14
120	Identifying key issues in environmental wetland research using scaling and uncertainty analysis. Regional Environmental Change, 2004, 4, 100-106.	1.4	14
121	Improving the modeling of road dust levels for Barcelona at urban scale and street level. Atmospheric Environment, 2016, 125, 231-242.	1.9	14
122	Decadal Variabilities in Tropospheric Nitrogen Oxides Over United States, Europe, and China. Journal of Geophysical Research D: Atmospheres, 2022, 127, e2021JD035872.	1.2	14
123	The CO2 Human Emissions (CHE) Project: First Steps Towards a European Operational Capacity to Monitor Anthropogenic CO2 Emissions. Frontiers in Remote Sensing, 2021, 2, .	1.3	13
124	Advancing global aerosol simulations with size-segregated anthropogenic particle number emissions. Atmospheric Chemistry and Physics, 2018, 18, 10039-10054.	1.9	12
125	European Emission Inventories and Projections for Road Transport Non-Exhaust Emissions. , 2018, , 101-121.		12
126	Natural sea-salt emissions moderate the climate forcing of anthropogenic nitrate. Atmospheric Chemistry and Physics, 2020, 20, 771-786.	1.9	12

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127	Air pollution impacts due to petroleum extraction in the Norwegian Sea during the ACCESS aircraft campaign. Elementa, 2017, 5, .	1.1	12
128	Inventory of country-specific emissions of engineered nanomaterials throughout the life cycle. Environmental Science: Nano, 2020, 7, 3824-3839.	2.2	11
129	Discrepancies Between Top-Down and Bottom-Up Emission Inventories of Megacities: The Causes and Relevance for Modeling Concentrations and Exposure. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 199-204.	0.1	11
130	Oxidation of methane in the rhizosphere of rice plants. Biology and Fertility of Soils, 1996, 22, 359-366.	2.3	11
131	Emissions of methane in Europe inferred by total column measurements. Atmospheric Chemistry and Physics, 2019, 19, 3963-3980.	1.9	10
132	New Directions: Cleaning the air: Will the European Commission's clean air policy package of December 2013 deliver?. Atmospheric Environment, 2014, 91, 172-174.	1.9	8
133	Evaluating cloud properties in an ensemble of regional online coupled models against satellite observations. Atmospheric Chemistry and Physics, 2018, 18, 15183-15199.	1.9	8
134	Methane and ethane emission scenarios for potential shale gas production in Europe. Advances in Geosciences, 0, 45, 125-131.	12.0	8
135	Global anthropogenic CO₂ emissions and uncertainties as a prior for Earth system modelling and data assimilation. Earth System Science Data, 2021, 13, 5311-5335.	3.7	7
136	Future European shale gas life-cycle GHG emissions for electric power generation in comparison to other fossil fuels. Carbon Management, 2019, 10, 163-174.	1.2	5
137	Analysis of the Anthropogenic and Biogenic NO_x Emissions Over 2008â€“2017: Assessment of the Trends in the 30 Most Populated Urban Areas in Europe. Geophysical Research Letters, 2021, 48, e2020GL092206.	1.5	5
138	Nitrogen Deposition and Nitrate Leaching Following Afforestation: Experiences from Oak and Norway Spruce Chronosequences in Denmark, Sweden and the Netherlands. , 2007, , 79-108.		5
139	Emission scenarios of a potential shale gas industry in Germany and the United Kingdom. Elementa, 2019, 7, .	1.1	5
140	Optimizing a dynamic fossil fuel CO₂ emission model with CTDAS (CarbonTracker Data Assimilation Shell, v1.0) for an urban area using atmospheric observations of CO₂, CO, NO_{<i>x</i>}, and SO₂. Geoscientific Model Development, 2020, 13, 2695-2721.	1.3	5
141	Interception and Water Recharge Following Afforestation: Experiences from Oak and Norway Spruce Chronosequences in Denmark, Sweden and The Netherlands. , 2007, , 53-77.		4
142	Working group report How should the uncertainties in the results of scaling be investigated and decreased?. Developments in Atmospheric Science, 1999, 24, 299-313.	0.3	3
143	Estimation of Regional Methane Emission from Rice Fields Using Simple Atmospheric Diffusion Models. Nutrient Cycling in Agroecosystems, 2000, 58, 303-310.	1.1	3
144	Global nature run data with realistic high-resolution carbon weather for the year of the Paris Agreement. Scientific Data, 2022, 9, 160.	2.4	3

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145	A pragmatic protocol for characterising errors in atmospheric inversions of methane emissions over Europe. Tellus, Series B: Chemical and Physical Meteorology, 2022, 73, 1914989.	0.8	2
146	Soil parameters controlling methane emission from rice paddies. Studies in Environmental Science, 1995, , 607-610.	0.0	1
147	Modelling the Dispersion of Particle Numbers in Five European Cities. Springer Proceedings in Complexity, 2016, , 415-418.	0.2	1
148	Combining upscaling and downscaling of methane emissions from rice fields: methodologies and preliminary results. , 2000, , 285-301.		1
149	Assessing the Impact of Atmospheric CO2 and NO2 Measurements From Space on Estimating City-Scale Fossil Fuel CO2 Emissions in a Data Assimilation System. Frontiers in Remote Sensing, 2022, 3, .	1.3	1
150	Assessment report on NRP subtheme â€œgGeenhouse Gasesâ€• Studies in Environmental Science, 1995, 65, 453-533.	0.0	0
151	Upscaling regional emissions of greenhouse gases from rice cultivation: methods and sources of uncertainty. , 2006, , 89-108.		0
152	Can We Explain the Observed Decrease in Secondary Inorganic Aerosol and Its Precursors Between 1990 and 2009 over Europe Using LOTOS-EUROS?. Springer Proceedings in Complexity, 2014, , 481-488.	0.2	0
153	Estimation of Anthropogenic CO2 Emission from Ozone Monitoring Instrument Tropospheric NO2 Columns Using Chemistry Transport Modelling Over North Western Europe. Springer Proceedings in Complexity, 2016, , 587-591.	0.2	0