

Zbigniew Klimont

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

28,024
citations

60
h-index

167
g-index

193
ext. papers

32,990
ext. citations

7.8
avg, IF

6.61
L-index

#	Paper	IF	Citations
175	Potential for future reductions of global GHG and air pollutants from circular waste management systems.. <i>Nature Communications</i> , 2022 , 13, 106	17.4	7
174	Decadal Variabilities in Tropospheric Nitrogen Oxides Over United States, Europe, and China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022 , 127, e2021JD035872	4.4	1
173	Future PM2.5 emissions from metal production to meet renewable energy demand. <i>Environmental Research Letters</i> , 2022 , 17, 044043	6.2	
172	Achieving Paris climate goals calls for increasing ambition of the Kigali Amendment. <i>Nature Climate Change</i> , 2022 , 12, 339-342	21.4	0
171	Model evaluation of short-lived climate forcers for the Arctic Monitoring and Assessment Programme: a multi-species, multi-model study. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 5775-5828	6.8	0
170	Air quality and health implications of 1.5 °C climate pathways under considerations of ageing population: a multi-model scenario analysis. <i>Environmental Research Letters</i> , 2021 , 16, 045005	6.2	3
169	Constraining the atmospheric limb of the plastic cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	62
168	Airborne nitrogen deposition to the Baltic Sea: Past trends, source allocation and future projections. <i>Atmospheric Environment</i> , 2021 , 253, 118377	5.3	2
167	Black carbon emissions from flaring in Russia in the period 2012-2017. <i>Atmospheric Environment</i> , 2021 , 254, 118390	5.3	5
166	Present and future aerosol impacts on Arctic climate change in the GISS-E2.1 Earth system model. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 10413-10438	6.8	2
165	The 2020 China report of the Lancet Countdown on health and climate change. <i>Lancet Public Health</i> , 2021 , 6, e64-e81	22.4	27
164	Reviews and syntheses: Arctic fire regimes and emissions in the 21st century. <i>Biogeosciences</i> , 2021 , 18, 5053-5083	4.6	14
163	Dominance of the residential sector in Chinese black carbon emissions as identified from downwind atmospheric observations during the COVID-19 pandemic.. <i>Scientific Reports</i> , 2021 , 11, 23378	4.9	1
162	Evaluation of anthropogenic air pollutant emission inventories for South America at national and city scale. <i>Atmospheric Environment</i> , 2020 , 235, 117606	5.3	25
161	Rapid reduction in black carbon emissions from China: evidence from 2009-2019 observations on Fukue Island, Japan. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 6339-6356	6.8	18
160	The generation of gridded emissions data for CMIP6. <i>Geoscientific Model Development</i> , 2020 , 13, 461-482	2.3	35
159	Technical potentials and costs for reducing global anthropogenic methane emissions in the 2050 timeframe Results from the GAINS model. <i>Environmental Research Communications</i> , 2020 , 2, 025004	3.1	34

158	A continued role of short-lived climate forcers under the Shared Socioeconomic Pathways. <i>Earth System Dynamics</i> , 2020 , 11, 977-993	4.8	8
157	An empirical approach toward the SLCP reduction targets in Asia for the mid-term climate change mitigation. <i>Progress in Earth and Planetary Science</i> , 2020 , 7,	3.9	1
156	Reducing global air pollution: the scope for further policy interventions. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020 , 378, 20190331	3	34
155	Sustainable wastewater management in Indonesia's fish processing industry: Bringing governance into scenario analysis. <i>Journal of Environmental Management</i> , 2020 , 275, 111241	7.9	5
154	Atmospheric transport is a major pathway of microplastics to remote regions. <i>Nature Communications</i> , 2020 , 11, 3381	17.4	193
153	Role of export industries on ozone pollution and its precursors in China. <i>Nature Communications</i> , 2020 , 11, 5492	17.4	11
152	Co-benefits of black carbon mitigation for climate and air quality. <i>Climatic Change</i> , 2020 , 163, 1519-1538	4.5	11
151	Impact of methane and black carbon mitigation on forcing and temperature: a multi-model scenario analysis. <i>Climatic Change</i> , 2020 , 163, 1427-1442	4.5	6
150	A chronology of global air quality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020 , 378, 20190314	3	31
149	A Mineralogy-Based Anthropogenic Combustion-Iron Emission Inventory. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD032114	4.4	11
148	Taking some heat off the NDCs? The limited potential of additional short-lived climate forcers mitigation. <i>Climatic Change</i> , 2020 , 163, 1443-1461	4.5	8
147	Gridded Emissions for CMIP6 2019 ,		1
146	Further Improvement of Air Quality in China Needs Clear Ammonia Mitigation Target. <i>Environmental Science & Technology</i> , 2019 , 53, 10542-10544	10.3	17
145	Mitigation pathways towards national ambient air quality standards in India. <i>Environment International</i> , 2019 , 133, 105147	12.9	32
144	Nonlinear impacts of future anthropogenic aerosol emissions on Arctic warming. <i>Environmental Research Letters</i> , 2019 , 14, 034009	6.2	2
143	Global and regional trends of atmospheric sulfur. <i>Scientific Reports</i> , 2019 , 9, 953	4.9	89
142	Mitigation pathways of air pollution from residential emissions in the Beijing-Tianjin-Hebei region in China. <i>Environment International</i> , 2019 , 125, 236-244	12.9	43
141	Source apportionment of circum-Arctic atmospheric black carbon from isotopes and modeling. <i>Science Advances</i> , 2019 , 5, eaau8052	14.3	39

140	Comparison and evaluation of anthropogenic emissions of SO ₂ and NO _x over China. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 3433-3456	6.8	34
139	Source influence on emission pathways and ambient PM pollution over India (2015-2050). <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 8017-8039	6.8	86
138	Outlook for clean air in the context of sustainable development goals. <i>Global Environmental Change</i> , 2018 , 53, 1-11	10.1	62
137	Historical (1750-2014) anthropogenic emissions of reactive gases and aerosols from the Community Emissions Data System (CEDS). <i>Geoscientific Model Development</i> , 2018 , 11, 369-408	6.3	585
136	Technical opportunities to reduce global anthropogenic emissions of nitrous oxide. <i>Environmental Research Letters</i> , 2018 , 13, 014011	6.2	41
135	Siberian Arctic black carbon sources constrained by model and observation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E1054-E1061	11.5	56
134	Impacts and mitigation of excess diesel-related NO emissions in 11 major vehicle markets. <i>Nature</i> , 2017 , 545, 467-471	50.4	298
133	Managing future air quality in megacities: A case study for Delhi. <i>Atmospheric Environment</i> , 2017 , 161, 99-111	5.3	49
132	Anthropogenic fugitive, combustion and industrial dust is a significant, underrepresented fine particulate matter source in global atmospheric models. <i>Environmental Research Letters</i> , 2017 , 12, 044018	6.2	54
131	Comparison and evaluation of anthropogenic emissions of SO ₂ and NO _x over China 2017 ,		1
130	Source influence on emission pathways and ambient PM _{2.5} pollution over India (2015-2050) 2017 ,		4
129	Historical (1750-2014) anthropogenic emissions of reactive gases and aerosols from the Community Emission Data System (CEDS) 2017 ,		15
128	EURODELTA-Trends, a multi-model experiment of air quality hindcast in Europe over 1990-2010. <i>Geoscientific Model Development</i> , 2017 , 10, 3255-3276	6.3	34
127	Uncertainties in emissions estimates of greenhouse gases and air pollutants in India and their impacts on regional air quality. <i>Environmental Research Letters</i> , 2017 , 12, 065002	6.2	34
126	Future air pollution in the Shared Socio-economic Pathways. <i>Global Environmental Change</i> , 2017 , 42, 346-358	10.1	175
125	The marker quantification of the Shared Socioeconomic Pathway 2: A middle-of-the-road scenario for the 21st century. <i>Global Environmental Change</i> , 2017 , 42, 251-267	10.1	349
124	The Shared Socioeconomic Pathways and their energy, land use, and greenhouse gas emissions implications: An overview. <i>Global Environmental Change</i> , 2017 , 42, 153-168	10.1	1479
123	Global anthropogenic emissions of particulate matter including black carbon. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 8681-8723	6.8	308

122	Multi-model simulations of aerosol and ozone radiative forcing due to anthropogenic emission changes during the period 1990-2015. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 2709-2720	6.8	55
121	Comparison of emissions inventories of anthropogenic air pollutants and greenhouse gases in China. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 6393-6421	6.8	77
120	Multi-model simulations of aerosol and ozone radiative forcing for the period 1990-2015 2016 ,		1
119	Continental anthropogenic primary particle number emissions. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 6823-6840	6.8	53
118	Multi-model evaluation of short-lived pollutant distributions over east Asia during summer 2008. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 10765-10792	6.8	16
117	Air quality impacts of European wildfire emissions in a changing climate. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 5685-5703	6.8	9
116	A multi-model assessment of the co-benefits of climate mitigation for global air quality. <i>Environmental Research Letters</i> , 2016 , 11, 124013	6.2	57
115	Exploring synergies between climate and air quality policies using long-term global and regional emission scenarios. <i>Atmospheric Environment</i> , 2016 , 140, 577-591	5.3	26
114	Air pollutant emissions from Chinese households: A major and underappreciated ambient pollution source. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7756-7761	11.5	292
113	Global anthropogenic emissions of particulate matter including black carbon 2016 ,		29
112	Pursuing air pollutant co-benefits of CO2 mitigation in China: A provincial leveled analysis. <i>Applied Energy</i> , 2015 , 144, 165-174	10.7	145
111	Cost-Benefit Analysis of Reducing Premature Mortality Caused by Exposure to Ozone and PM2.5 in East Asia in 2020. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	15
110	SLCP co-control approach in East Asia: Tropospheric ozone reduction strategy by simultaneous reduction of NOx/NM VOC and methane. <i>Atmospheric Environment</i> , 2015 , 122, 588-595	5.3	22
109	How will greenhouse gas emissions from motor vehicles be constrained in China around 2030?. <i>Applied Energy</i> , 2015 , 156, 230-240	10.7	70
108	Emission inventory of non-methane volatile organic compounds from anthropogenic sources in India. <i>Atmospheric Environment</i> , 2015 , 102, 209-219	5.3	34
107	Impacts of emission reductions on aerosol radiative effects. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 5501-5519	6.8	7
106	Current model capabilities for simulating black carbon and sulfate concentrations in the Arctic atmosphere: a multi-model evaluation using a comprehensive measurement data set. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 9413-9433	6.8	111
105	Evaluating the climate and air quality impacts of short-lived pollutants. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 10529-10566	6.8	261

104	HTAP_v2.2: a mosaic of regional and global emission grid maps for 2008 and 2010 to study hemispheric transport of air pollution. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 11411-11432	6.8	485
103	Evaluation of black carbon emission inventories using a Lagrangian dispersion model – a case study over southern India. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 1447-1461	6.8	33
102	Moving towards ambitious climate policies: Monetised health benefits from improved air quality could offset mitigation costs in Europe. <i>Environmental Science and Policy</i> , 2015 , 50, 252-269	6.2	40
101	A multi-scale health impact assessment of air pollution over the 21st century. <i>Science of the Total Environment</i> , 2015 , 514, 439-49	10.2	46
100	Estimating Costs and Potential for Reduction of Ammonia Emissions from Agriculture in the GAINS Model 2015 , 233-261		5
99	Global and regional climate impacts of black carbon and co-emitted species from the on-road diesel sector. <i>Atmospheric Environment</i> , 2014 , 98, 50-58	5.3	22
98	Air-pollution emission ranges consistent with the representative concentration pathways. <i>Nature Climate Change</i> , 2014 , 4, 446-450	21.4	41
97	Spatial distributions and seasonal cycles of aerosol climate effects in India seen in a global climate-aerosol model. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 10177-10192	6.8	9
96	Summertime tropospheric ozone assessment over the Mediterranean region using the thermal infrared IASI/MetOp sounder and the WRF-Chem model. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 10119-10131	6.8	55
95	Quantifying black carbon from biomass burning by means of levoglucosan – a one-year time series at the Arctic observatory Zeppelin. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 6427-6442	6.8	58
94	Emission trends and mitigation options for air pollutants in East Asia. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 6571-6603	6.8	218
93	Air quality in the mid-21st century for the city of Paris under two climate scenarios; from the regional to local scale. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 7323-7340	6.8	23
92	Photochemical roles of rapid economic growth and potential abatement strategies on tropospheric ozone over South and East Asia in 2030. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 9259-9277	6.8	26
91	Disentangling the effects of CO ₂ and short-lived climate forcer mitigation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16325-30	11.5	96
90	Household cooking with solid fuels contributes to ambient PM _{2.5} air pollution and the burden of disease. <i>Environmental Health Perspectives</i> , 2014 , 122, 1314-20	8.4	299
89	Costs and benefits of nitrogen for Europe and implications for mitigation. <i>Environmental Science & Technology</i> , 2013 , 47, 3571-9	10.3	173
88	Estimating environmentally relevant fixed nitrogen demand in the 21st century. <i>Climatic Change</i> , 2013 , 120, 889-901	4.5	25
87	Better air for better health: Forging synergies in policies for energy access, climate change and air pollution. <i>Global Environmental Change</i> , 2013 , 23, 1122-1130	10.1	79

86	New Directions: GEIA's 2020 vision for better air emissions information. <i>Atmospheric Environment</i> , 2013 , 81, 710-712	5.3	18
85	Regional and Global Emissions of Air Pollutants: Recent Trends and Future Scenarios. <i>Annual Review of Environment and Resources</i> , 2013 , 38, 31-55	17.2	135
84	Integrating mitigation of air pollutants and greenhouse gases in Chinese cities: development of GAINS-City model for Beijing. <i>Journal of Cleaner Production</i> , 2013 , 58, 25-33	10.3	65
83	Bounding the role of black carbon in the climate system: A scientific assessment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5380-5552	4.4	333 ⁰
82	The last decade of global anthropogenic sulfur dioxide: 2000-2011 emissions. <i>Environmental Research Letters</i> , 2013 , 8, 014003	6.2	385
81	NO _x emissions in China: historical trends and future perspectives. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 9869-9897	6.8	292
80	European atmosphere in 2050, a regional air quality and climate perspective under CMIP5 scenarios. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 7451-7471	6.8	66
79	Co-benefits: taking a multidisciplinary approach. <i>Carbon Management</i> , 2013 , 4, 135-137	3.3	8
78	Black carbon in the Arctic: the underestimated role of gas flaring and residential combustion emissions. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8833-8855	6.8	263
77	Atmospheric Composition Change: Climate-Chemistry Interactions 2012 , 309-365		1
76	Sustainable Agriculture in China: Estimation and Reduction of Nitrogen Impacts. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2012 , 327-350	0.4	
75	EU low carbon roadmap 2050: Potentials and costs for mitigation of non-CO ₂ greenhouse gas emissions. <i>Energy Strategy Reviews</i> , 2012 , 1, 97-108	9.8	35
74	Environmental Modeling and Methods for Estimation of the Global Health Impacts of Air Pollution. <i>Environmental Modeling and Assessment</i> , 2012 , 17, 613-622	2	51
73	Simultaneously mitigating near-term climate change and improving human health and food security. <i>Science</i> , 2012 , 335, 183-9	33.3	875
72	Implications of population growth and urbanization on agricultural risks in China. <i>Population and Environment</i> , 2012 , 33, 243-258	4	11
71	Global air quality and health co-benefits of mitigating near-term climate change through methane and black carbon emission controls. <i>Environmental Health Perspectives</i> , 2012 , 120, 831-9	8.4	269
70	Atmospheric science. From acid rain to climate change. <i>Science</i> , 2012 , 338, 1153-4	33.3	110
69	Future air quality in Europe: a multi-model assessment of projected exposure to ozone. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 10613-10630	6.8	69

68	The role of N-gases (N ₂ O, NO _x , NH ₃) in cost-effective strategies to reduce greenhouse gas emissions and air pollution in Europe. <i>Current Opinion in Environmental Sustainability</i> , 2011 , 3, 438-445	7.2	23
67	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	6.8	231
66	Projections of air pollutant emissions and its impacts on regional air quality in China in 2020. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 3119-3136	6.8	81
65	Cost-effective control of air quality and greenhouse gases in Europe: Modeling and policy applications. <i>Environmental Modelling and Software</i> , 2011 , 26, 1489-1501	5.2	478
64	Verification of anthropogenic emissions of China by satellite and ground observations. <i>Atmospheric Environment</i> , 2011 , 45, 6347-6358	5.3	104
63	Evolution of anthropogenic and biomass burning emissions of air pollutants at global and regional scales during the 1980-2010 period. <i>Climatic Change</i> , 2011 , 109, 163-190	4.5	623
62	Anthropogenic sulfur dioxide emissions: 1850-2005. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 1101-1116	6.8	655
61	Historical (1850-2000) gridded anthropogenic and biomass burning emissions of reactive gases and aerosols: methodology and application. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 7017-7039	6.8	1724
60	Corrigendum to "Evaluation of black carbon estimations in global aerosol models" published in <i>Atmos. Chem. Phys.</i> , 9, 9001-9026, 2009. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 79-81	6.8	16
59	Integrated modeling framework for assessment and mitigation of nitrogen pollution from agriculture: Concept and case study for China. <i>Agriculture, Ecosystems and Environment</i> , 2010 , 136, 116-124	5.7	45
58	Atmospheric composition change: Climate-chemistry interactions. <i>Atmospheric Environment</i> , 2009 , 43, 5138-5192	5.3	206
57	Atmospheric composition change Global and regional air quality. <i>Atmospheric Environment</i> , 2009 , 43, 5268-5350	5.3	592
56	Costs and global impacts of black carbon abatement strategies. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2009 , 61, 625-641	3.3	57
55	Projections of SO ₂ , NO _x and carbonaceous aerosols emissions in Asia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2009 , 61, 602-617	3.3	168
54	Climate and air quality-driven scenarios of ozone and aerosol precursor abatement. <i>Environmental Science and Policy</i> , 2009 , 12, 855-869	6.2	21
53	Integrated assessment of promising measures to decrease nitrogen losses from agriculture in EU-27. <i>Agriculture, Ecosystems and Environment</i> , 2009 , 133, 280-288	5.7	151
52	Integrated assessment of nitrogen losses from agriculture in EU-27 using MITERRA-EUROPE. <i>Journal of Environmental Quality</i> , 2009 , 38, 402-17	3.4	215
51	Asian emissions in 2006 for the NASA INTEX-B mission. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 5131-5153	6.8	1699

50	Evaluation of black carbon estimations in global aerosol models. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 9001-9026	6.8	510
49	Ammonia Policy Context and Future Challenges 2009 , 433-443		2
48	. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2009 , 61,	3.3	2
47	Detecting Change in Atmospheric Ammonia Following Emission Changes 2009 , 383-390		3
46	How a century of ammonia synthesis changed the world. <i>Nature Geoscience</i> , 2008 , 1, 636-639	18.3	1967
45	Emission and speciation of non-methane volatile organic compounds from anthropogenic sources in China. <i>Atmospheric Environment</i> , 2008 , 42, 4976-4988	5.3	198
44	Modeling carbonaceous aerosol over Europe: Analysis of the CARBOSOL and EMEP EC/OC campaigns. <i>Journal of Geophysical Research</i> , 2007 , 112,		145
43	Modeling of elemental carbon over Europe. <i>Journal of Geophysical Research</i> , 2007 , 112,		50
42	Primary emissions of fine carbonaceous particles in Europe. <i>Atmospheric Environment</i> , 2007 , 41, 2156-2170	3.9	105
41	Scenarios of global anthropogenic emissions of air pollutants and methane until 2030. <i>Atmospheric Environment</i> , 2007 , 41, 8486-8499	5.3	194
40	Major components of China's anthropogenic primary particulate emissions. <i>Environmental Research Letters</i> , 2007 , 2, 045027	6.2	104
39	Cost-effective reduction of fine primary particulate matter emissions in Finland. <i>Environmental Research Letters</i> , 2007 , 2, 044002	6.2	6
38	Exploring the ancillary benefits of the Kyoto Protocol for air pollution in Europe. <i>Energy Policy</i> , 2006 , 34, 444-460	7.2	106
37	Uncertainty analysis of emission estimates in the RAINS integrated assessment model. <i>Environmental Science and Policy</i> , 2005 , 8, 601-613	6.2	33
36	Long-term scenarios for black and organic carbon emissions. <i>Journal of Integrative Environmental Sciences</i> , 2005 , 2, 205-216		11
35	Emissions from European agriculture 2005 ,		5
34	A technology-based global inventory of black and organic carbon emissions from combustion. <i>Journal of Geophysical Research</i> , 2004 , 109,		1653
33	An inventory of gaseous and primary aerosol emissions in Asia in the year 2000. <i>Journal of Geophysical Research</i> , 2003 , 108,		1594

32	Anthropogenic emissions of non-methane volatile organic compounds in China. <i>Atmospheric Environment</i> , 2002 , 36, 1309-1322	5.3	171
31	Low-CO2 energy pathways and regional air pollution in Europe. <i>Energy Policy</i> , 2001 , 29, 871-884	7.2	57
30	A Module to Calculate Primary Particulate Matter Emissions and Abatement Measures in Europe. <i>Water, Air, and Soil Pollution</i> , 2001 , 130, 229-234	2.6	5
29	Projections of SO2, NOx, NH3 and VOC Emissions in East Asia Up to 2030. <i>Water, Air, and Soil Pollution</i> , 2001 , 130, 193-198	2.6	109
28	Ammonia abatement and its impact on emissions of nitrous oxide and methane Part 2: application for Europe. <i>Atmospheric Environment</i> , 2001 , 35, 6313-6325	5.3	24
27	Ammonia abatement and its impact on emissions of nitrous oxide and methane in Europe Part 1: method. <i>Atmospheric Environment</i> , 2001 , 35, 6299-6312	5.3	32
26	Integrated assessment of European air pollution emission control strategies. <i>Environmental Modelling and Software</i> , 1998 , 14, 1-9	5.2	95
25	Integrated assessment of emission control scenarios, including the impact of tropospheric ozone. <i>Water, Air, and Soil Pollution</i> , 1995 , 85, 2595-2600	2.6	16
24	An emission inventory for the central European initiative 1988. <i>Atmospheric Environment</i> , 1994 , 28, 235-246	5.3	6
23	Energy and Environment 191-254		2
22	Energy Pathways for Sustainable Development 1205-1306		19
21	Costs and benefits of nitrogen in the environment 513-540		35
20	Future scenarios of nitrogen in Europe 551-569		8
19	Atmospheric Transport, a Major Pathway of Microplastics to Remote Regions		4
18	Anthropogenic sulfur dioxide emissions: 1850-2005		15
17	Projections of air pollutant emissions and its impacts on regional air quality in China in 2020		1
16	Historical (1850-2000) gridded anthropogenic and biomass burning emissions of reactive gases and aerosols: methodology and application		24
15	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) Integrating aerosol research from nano to global scales		11

14	Future air quality in Europe: a multi-model assessment of projected exposure to ozone	1
13	NO _x emissions in China: historical trends and future perspectives	14
12	European atmosphere in 2050, a regional air quality and climate perspective under CMIP5 scenarios	1
11	Why models struggle to capture Arctic Haze: the underestimated role of gas flaring and domestic combustion emissions	4
10	Emission trends and mitigation options for air pollutants in East Asia	17
9	Evaluation of black carbon emission inventories using a Lagrangian dispersion model – a case study over Southern India	1
8	Air-quality in the mid-21st century for the city of Paris under two climate scenarios; from regional to local scale	4
7	Current model capabilities for simulating black carbon and sulfate concentrations in the Arctic atmosphere: a multi-model evaluation using a comprehensive measurement data set	5
6	Multi-model evaluation of short-lived pollutant distributions over East Asia during summer 2008	6
5	HTAP_v2: a mosaic of regional and global emission gridmaps for 2008 and 2010 to study hemispheric transport of air pollution	15
4	Evaluating the climate and air quality impacts of short-lived pollutants	5
3	Evaluation of black carbon estimations in global aerosol models	5
2	Asian emissions in 2006 for the NASA INTEX-B mission	53
1	Supplementary material to “Historical (1750–2014) anthropogenic emissions of reactive gases and aerosols from the Community Emission Data System (CEDS)”	3