## Transport of Asian air pollution to North America

Geophysical Research Letters 26, 711-714

DOI: 10.1029/1999gl900100

Citation Report

#	Article	IF	CITATIONS
1	Effect of rising Asian emissions on surface ozone in the United States. Geophysical Research Letters, 1999, 26, 2175-2178.	1.5	411
2	Influence of Asian emissions on the composition of air reaching the north western United States. Geophysical Research Letters, 1999, 26, 2171-2174.	1.5	144
3	Aerosol backscatter fraction and single scattering albedo: Measured values and uncertainties at a coastal station in the Pacific Northwest. Journal of Geophysical Research, 1999, 104, 26793-26807.	3.3	133
4	Mediterranean rural ozone characteristics around the urban area of Athens. Atmospheric Environment, 2000, 34, 5199-5208.	1.9	92
5	ENERGY ANDMATERIALFLOWTHROUGH THEURBANECOSYSTEM. Annual Review of Environment and Resources, 2000, 25, 685-740.	1.2	302
6	Minerals in the Air: An Environmental Perspective. International Geology Review, 2000, 42, 577-593.	1.1	71
7	Seasonal characteristics of tropospheric ozone production and mixing ratios over East Asia: A global three-dimensional chemical transport model analysis. Journal of Geophysical Research, 2000, 105, 17895-17910.	3.3	96
8	Effect of meteorology and air pollutant transport on ozone episodes at a subtropical coastal Asian city, Hong Kong. Journal of Geophysical Research, 2000, 105, 20707-20724.	3.3	91
9	High concentrations of black carbon over middle latitudes in the North Pacific Ocean. Journal of Geophysical Research, 2000, 105, 19881-19890.	3.3	45
10	Episodic modeling of the chemical structure of the troposphere as revealed during the spring MLOPEX 2 intensive. Journal of Geophysical Research, 2000, 105, 26809-26839.	3.3	34
11	The episodic nature of air pollution transport from Asia to North America. Journal of Geophysical Research, 2000, 105, 26931-26945.	3.3	185
12	Trend analysis of O3and CO in the period 1980-1996: A three-dimensional model study. Journal of Geophysical Research, 2000, 105, 28907-28933.	3.3	29
13	ATMOSPHERIC SCIENCE: Trans-Pacific Air Pollution. Science, 2000, 290, 65-67.	6.0	187
14	INTEGRATEDANALYSIS FORACIDRAIN INASIA: Policy Implications and Results of RAINS-ASIA Model. Annual Review of Environment and Resources, 2000, 25, 339-375.	1.2	44
15	Transport and distribution of primary and secondary nonmethane volatile organic compounds in east Asia under continental outflow conditions. Journal of Geophysical Research, 2000, 105, 22311-22336.	3.3	13
16	Atmospheric organochlorine pesticides in the western Canadian Arctic: Evidence of transpacific transport. Journal of Geophysical Research, 2000, 105, 11805-11811.	3.3	120
17	Increasing background ozone in surface air over the United States. Geophysical Research Letters, 2000, 27, 3465-3468.	1.5	91
18	Asian chemical outflow to the Pacific in spring: Origins, pathways, and budgets. Journal of Geophysical Research, 2001, 106, 23097-23113.	3.3	294

#	Article	IF	CITATIONS
19	Continental sources, transoceanic transport, and interhemispheric exchange of carbon monoxide over the Pacific. Journal of Geophysical Research, 2001, 106, 32571-32589.	3.3	111
20	Evolution of tropospheric ozone under anthropogenic activities and associated radiative forcing of climate. Journal of Geophysical Research, 2001, 106, 32337-32360.	3.3	95
21	Ozone and related gaseous pollutants in the boundary layer of eastern China: Overview of the recent measurements at a rural site. Geophysical Research Letters, 2001, 28, 2373-2376.	1.5	141
22	Ozone photochemistry and the role of peroxyacetyl nitrate in the springtime northeastern Pacific troposphere: Results from the Photochemical Ozone Budget of the Eastern North Pacific Atmosphere (PHOBEA) campaign. Journal of Geophysical Research, 2001, 106, 28731-28742.	3.3	67
23	European pollution outbreaks during ACE 2: Lofted aerosol plumes observed with Raman lidar at the Portuguese coast. Journal of Geophysical Research, 2001, 106, 20725-20733.	3.3	76
24	Intercontinental transport of ozone and its precursors in a three-dimensional global CTM. Journal of Geophysical Research, 2001, 106, 27729-27744.	3.3	219
25	Long-range transport of Asian dust to the Lower Fraser Valley, British Columbia, Canada. Journal of Geophysical Research, 2001, 106, 18361-18370.	3.3	191
26	Observations of ozone and related species in the northeast Pacific during the PHOBEA campaigns: 2. Airborne observations. Journal of Geophysical Research, 2001, 106, 7463-7483.	3.3	48
27	Observations of ozone and related species in the northeast Pacific during the PHOBEA campaigns: 1. Ground-based observations at Cheeka Peak. Journal of Geophysical Research, 2001, 106, 7449-7461.	3.3	79
28	Characteristics of Chinese aerosols determined by individual-particle analysis. Journal of Geophysical Research, 2001, 106, 18037-18045.	3.3	105
29	Trans-Pacific yellow sand transport observed in April 1998: A numerical simulation. Journal of Geophysical Research, 2001, 106, 18331-18344.	3.3	225
30	April 1998 Asian dust event: A southern California perspective. Journal of Geophysical Research, 2001, 106, 18371-18379.	3.3	107
31	Model and measurement analysis of springtime transport and chemistry of the Pacific basin. Journal of Geophysical Research, 2001, 106, 12689-12717.	3.3	9
32	Asian dust events of April 1998. Journal of Geophysical Research, 2001, 106, 18317-18330.	3.3	747
33	Dust and pollution transport on global scales: Aerosol measurements and model predictions. Journal of Geophysical Research, 2001, 106, 32555-32569.	3.3	116
34	Isotopic source signatures for atmospheric lead: the Northern Hemisphere. Geochimica Et Cosmochimica Acta, 2001, 65, 1727-1740.	1.6	477
35	Modeled Downward Transport of a Passive Tracer over Western North America during an Asian Dust Event in April 1998. Journal of Applied Meteorology and Climatology, 2001, 40, 1617-1628.	1.7	21
36	Trans-Pacific Air Pollution: Scientific Evidence & Political Implications. Water, Air, and Soil Pollution, 2001, 130, 1825-1830.	1.1	11

3

#	Article	IF	Citations
37	Eolian dust and climate: relationships to sources, tropospheric chemistry, transport and deposition. Earth-Science Reviews, 2001, 54, 29-42.	4.0	202
38	Model calculations of present and future levels of ozone and ozone precursors with a global and a regional model. Atmospheric Environment, 2001, 35, 525-537.	1.9	89
39	Transport and evolution of a winter-time Yellow sand observed in Korea. Atmospheric Environment, 2001, 35, 3191-3201.	1.9	92
40	A Pacific Aerosol Survey. Part I: A Decade of Data on Particle Production, Transport, Evolution, and Mixing in the Troposphere*. Journals of the Atmospheric Sciences, 2002, 59, 363-382.	0.6	146
41	Multiscale Impact of Fuel Consumption on Air Quality. Energy & Energy & 2002, 16, 270-281.	2.5	5
42	Changing Trends in Sulfur Emissions in Asia:Â Implications for Acid Deposition, Air Pollution, and Climate. Environmental Science & Environmental Scie	4.6	103
43	Transport of mineral and anthropogenic aerosols during a Kosa event over East Asia. Journal of Geophysical Research, 2002, 107, AAC 3-1.	3.3	87
44	Budget and export of anthropogenic SOxfrom East Asia during continental outflow conditions. Journal of Geophysical Research, 2002, 107, AAC 2-1.	3.3	23
45	On the pathways and timescales of intercontinental air pollution transport. Journal of Geophysical Research, 2002, 107, ACH 6-1-ACH 6-17.	3.3	305
46	Transatlantic transport of pollution and its effects on surface ozone in Europe and North America. Journal of Geophysical Research, 2002, 107, ACH 4-1.	3.3	253
47	Observation of dust and anthropogenic aerosol plumes in the Northwest Pacific with a two-wavelength polarization lidar on board the research vessel Mirai. Geophysical Research Letters, 2002, 29, 7-1-7-4.	1.5	119
48	Mercury concentrations in coastal California precipitation: Evidence of local and trans-Pacific fluxes of mercury to North America. Journal of Geophysical Research, 2002, 107, ACH 11-1.	3.3	38
49	Effects of Asian air pollution transport and photochemistry on carbon monoxide variability and ozone production in subtropical coastal south China. Journal of Geophysical Research, 2002, 107, ACH 5-1.	3.3	28
50	Asian aerosols in North America: Frequency and concentration of fine dust. Journal of Geophysical Research, 2002, 107, AAC 19-1.	3.3	209
51	The temporal stability in lead isotopic signatures at selected sites in the Southern and Northern Hemispheres. Geochimica Et Cosmochimica Acta, 2002, 66, 1375-1386.	1.6	93
52	European isotopic signatures for lead in atmospheric aerosols: a source apportionment based upon 206Pb/207Pb ratios. Science of the Total Environment, 2002, 296, 35-57.	3.9	85
53	Transfer of reactive nitrogen in Asia: development and evaluation of a source–receptor model. Atmospheric Environment, 2002, 36, 4251-4264.	1.9	42
54	Analysis of organic and inorganic species on the surface of atmospheric aerosol using time-of-flight secondary ion mass spectrometry (TOF-SIMS). Atmospheric Environment, 2002, 36, 6041-6049.	1.9	55

#	Article	IF	CITATIONS
55	Level and extent of mercury contamination in Oregon, USA, lotic fish. Environmental Toxicology and Chemistry, 2002, 21, 2157-2164.	2.2	19
56	Kosa (yellow sand) components in precipitation collected at central Japan. Science in China Series D: Earth Sciences, 2002, 45, 71-77.	0.9	1
57	Aerosol Chemistry, and Light-Scattering and Hygroscopicity Budgets during Outflow from East Asia. Journal of Atmospheric Chemistry, 2003, 46, 55-88.	1.4	26
58	Characteristics of PM2.5 species and long-range transport of air masses at Taean background station, South Korea. Atmospheric Environment, 2003, 37, 219-230.	1.9	58
59	Six â€~new' episodes of trans-Pacific transport of air pollutants. Atmospheric Environment, 2003, 37, 391-404.	1.9	283
60	Tracing sources of atmospheric pollution in Western Canada using the Pb isotopic composition and heavy metal abundances of epiphytic lichens. Atmospheric Environment, 2003, 37, 2853-2865.	1.9	69
61	Origin of the springtime tropospheric ozone maximum over east China at LinAn in 2001. Tellus, Series B: Chemical and Physical Meteorology, 2003, 55, 982-992.	0.8	17
62	Springtime photochemical ozone production observed in the upper troposphere over east Asia. Journal of Geophysical Research, 2003, 108, BIB 2-1.	3.3	12
63	Central/eastern North Pacific photochemical precursor distributions for fall/spring seasons as defined by airborne field studies. Journal of Geophysical Research, 2003, 108, .	3.3	5
64	Long-range transport of Asian outflow to the equatorial Pacific. Journal of Geophysical Research, 2003, 108, PEM 5-1.	3.3	34
65	An assessment of ozone photochemistry in the central/eastern North Pacific as determined from multiyear airborne field studies. Journal of Geophysical Research, 2003, 108, PEM 9-1.	3.3	5
66	Long-term record of nss-sulfate and nitrate in aerosols on Midway Island, 1981–2000: Evidence of increased (now decreasing?) anthropogenic emissions from Asia. Journal of Geophysical Research, 2003, 108, AAC 10-1.	3.3	106
67	Atmospheric input of mineral dust to the western North Pacific region based on direct measurements and a regional chemical transport model. Geophysical Research Letters, 2003, 30, .	1.5	117
68	The influence of the global photochemical composition of the troposphere on European summer smog, Part I: Application of a global to mesoscale model chain. Journal of Geophysical Research, 2003, 108, .	3.3	23
69	Characterization of soil dust aerosol in China and its transport and distribution during 2001 ACE-Asia: 2. Model simulation and validation. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	278
70	Annual cycle of global distributions of aerosol optical depth from integration of MODIS retrievals and GOCART model simulations. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	127
71	Intercontinental transport, chemical transformations, and baroclinic systems. Journal of Geophysical Research, 2003, 108, .	3.3	23
72	Vertical profiles of O3, aerosols, CO and NMHCs in the Northeast Pacific during the TRACE-P and ACE-ASIA experiments. Journal of Geophysical Research, 2003, 108, .	3.3	46

#	ARTICLE	IF	CITATIONS
73	Large-scale structure of trace gas and aerosol distributions over the western Pacific Ocean during the Transport and Chemical Evolution Over the Pacific (TRACE-P) experiment. Journal of Geophysical Research, 2003, 108, .	3.3	59
74	Meteorological conditions and transport pathways during the Transport and Chemical Evolution over the Pacific (TRACE-P) experiment. Journal of Geophysical Research, 2003, 108, GTE 3-1-GTE 3-20.	3.3	78
75	Role of wave cyclones in transporting boundary layer air to the free troposphere during the spring 2001 NASA/TRACE-P experiment. Journal of Geophysical Research, 2003, 108, .	3.3	37
76	Aerosol chemical composition in Asian continental outflow during the TRACE-P campaign: Comparison with PEM-West B. Journal of Geophysical Research, 2003, 108, .	3.3	80
77	Sources and budgets for CO and O3in the northeastern Pacific during the spring of 2001: Results from the PHOBEA-II Experiment. Journal of Geophysical Research, 2003, 108, .	3.3	84
78	Regional Air Quality Modeling System (RAQMS) predictions of the tropospheric ozone budget over east Asia. Journal of Geophysical Research, 2003, 108, .	3.3	67
79	Chemical composition of Asian continental outflow over the western Pacific: Results from Transport and Chemical Evolution over the Pacific (TRACE-P). Journal of Geophysical Research, 2003, 108, .	3.3	69
80	An assessment of western North Pacific ozone photochemistry based on springtime observations from NASA's PEM-West B (1994) and TRACE-P (2001) field studies. Journal of Geophysical Research, 2003, 108, .	3.3	35
81	Asian aerosol transport to Alaska during ACE-Asia. Journal of Geophysical Research, 2003, 108, .	3.3	55
82	Export of anthropogenic reactive nitrogen and sulfur compounds from the East Asia region in spring. Journal of Geophysical Research, 2003, 108, .	3.3	78
83	Large-scale ozone and aerosol distributions, air mass characteristics, and ozone fluxes over the western Pacific Ocean in late winter/early spring. Journal of Geophysical Research, 2003, 108, .	3.3	46
84	Modeled size-segregated wet and dry deposition budgets of soil dust aerosol during ACE-Asia 2001: Implications for trans-Pacific transport. Journal of Geophysical Research, 2003, 108, .	3.3	108
85	Increasing background ozone during spring on the west coast of North America. Geophysical Research Letters, 2003, 30, .	1.5	164
86	Radiative Absorption Capability of Asian Dust with Black Carbon Contamination. Geophysical Research Letters, 2003, 30, .	1.5	18
87	Mixtures of pollution, dust, sea salt, and volcanic aerosol during ACE-Asia: Radiative properties as a function of relative humidity. Journal of Geophysical Research, 2003, 108, .	3.3	234
88	Asian aerosols in North America: Extracting the chemical composition and mass concentration of the Asian continental aerosol plume from long-term aerosol records in the western United States. Journal of Geophysical Research, 2003, 108, .	3.3	119
89	Asian outflow and trans-Pacific transport of carbon monoxide and ozone pollution: An integrated satellite, aircraft, and model perspective. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	196
90	Springtime transâ€Pacific atmospheric transport from east Asia: A transitâ€time probability density function approach. Journal of Geophysical Research, 2003, 108, .	3.3	50

#	Article	IF	CITATIONS
91	Intercontinental transport of pollution manifested in the variability and seasonal trend of springtime O3at northern middle and high latitudes. Journal of Geophysical Research, 2003, 108, .	3.3	22
92	Source signatures of carbon monoxide and organic functional groups in Asian Pacific Regional Aerosol Characterization Experiment (ACE-Asia) submicron aerosol types. Journal of Geophysical Research, 2003, 108, .	3.3	159
93	Gaseous Elemental Mercury in the Marine Boundary Layer:Â Evidence for Rapid Removal in Anthropogenic Pollution. Environmental Science & Environmental Science & 2003, 37, 3755-3763.	4.6	127
94	Intercontinental Transport of Air Pollution:  Will Emerging Science Lead to a New Hemispheric Treaty?. Environmental Science & Technology, 2003, 37, 4535-4542.	4.6	106
95	Global Air Quality and Pollution. Science, 2003, 302, 1716-1719.	6.0	971
96	Reactions on Mineral Dust. Chemical Reviews, 2003, 103, 4883-4940.	23.0	820
97	Nitrogen Emissions, Deposition, and Monitoring in the Western United States. BioScience, 2003, 53, 391.	2.2	355
98	Air pollution and global change: AÂdouble challenge to forest ecosystems. Developments in Environmental Science, 2003, 3, 1-41.	0.5	6
99	Intercontinental transport of tropospheric ozone: a study of its seasonal variability across the North Atlantic utilizing tropospheric ozone residuals and its relationship to the North Atlantic Oscillation. Atmospheric Chemistry and Physics, 2003, 3, 2053-2066.	1.9	95
100	Rapid intercontinental air pollution transport associated with a meteorological bomb. Atmospheric Chemistry and Physics, 2003, 3, 969-985.	1.9	62
102	Biogeography, Evolution, and Diversity of Epibionts in Phototrophic Consortia. Applied and Environmental Microbiology, 2004, 70, 4821-4830.	1.4	37
103	A review of surface ozone background levels and trends. Atmospheric Environment, 2004, 38, 3431-3442.	1.9	997
104	Radiative forcing due to dust aerosol over east Asia-north Pacific region during spring, 2001. Science Bulletin, 2004, 49, 2212-2219.	1.7	32
105	Accelerator based studies of atmospheric pollution processes. Radiation Physics and Chemistry, 2004, 71, 759-767.	1.4	34
106	Lithogenic flux in the Japan Sea measured with sediment traps. Marine Chemistry, 2004, 91, 143-163.	0.9	54
107	Hexachlorocyclohexanes in the North American Atmosphere. Environmental Science & Emp; Technology, 2004, 38, 965-975.	4.6	166
108	Multielemental analysis and characterization of fine aerosols at several key ACE-Asia sites. Journal of Geophysical Research, 2004, $109$ , .	3.3	60
109	Lagrangian transport model forecasts and a transport climatology for the Intercontinental Transport and Chemical Transformation 2002 (ITCT 2K2) measurement campaign. Journal of Geophysical Research, 2004, 109, .	3.3	60

#	Article	IF	CITATIONS
110	A case study of transpacific warm conveyor belt transport: Influence of merging airstreams on trace gas import to North America. Journal of Geophysical Research, 2004, 109, .	3.3	169
111	Asian dust storm events of spring 2001 and associated pollutants observed in New England by the Atmospheric Investigation, Regional Modeling, Analysis and Prediction (AIRMAP) monitoring network. Journal of Geophysical Research, 2004, 109, .	3.3	47
112	A modeling study of the export pathways of pollution from Europe: Seasonal and interannual variations (1987 $\hat{a}$ $\in$ "1997). Journal of Geophysical Research, 2004, 109, .	3.3	138
113	Relationships of trace gases and aerosols and the emission characteristics at Lin'an, a rural site in eastern China, during spring 2001. Journal of Geophysical Research, 2004, 109, .	3.3	96
114	Particle characteristics following cloud-modified transport from Asia to North America. Journal of Geophysical Research, 2004, $109$ , .	3.3	86
115	Chemical composition of air masses transported from Asia to the U.S. West Coast during ITCT 2K2: Fossil fuel combustion versus biomass-burning signatures. Journal of Geophysical Research, 2004, 109,	3.3	89
116	Evaluation of pollutant outflow and CO sources during TRACE-P using model-calculated, aircraft-based, and Measurements of Pollution in the Troposphere (MOPITT)-derived CO concentrations. Journal of Geophysical Research, 2004, 109, .	3.3	70
117	Global simulation of tropospheric ozone using the University of Maryland Chemical Transport Model (UMD-CTM): 2. Regional transport and chemistry over the central United States using a stretched grid. Journal of Geophysical Research, 2004, 109, .	3.3	12
118	Export of Asian pollution during two cold front episodes of the TRACE-P experiment. Journal of Geophysical Research, 2004, 109, .	3.3	34
119	Long-range transport of sulfur dioxide in the central Pacific. Journal of Geophysical Research, 2004, 109, .	3.3	60
120	Chemical composition of atmospheric aerosols from Zhenbeitai, China, and Gosan, South Korea, during ACE-Asia. Journal of Geophysical Research, 2004, 109, .	3.3	152
121	PHOBEA/ITCT 2002 airborne observations of transpacific transport of ozone, CO, volatile organic compounds, and aerosols to the northeast Pacific: Impacts of Asian anthropogenic and Siberian boreal fire emissions. Journal of Geophysical Research, 2004, 109, .	3.3	105
122	Transpacific and regional atmospheric transport of anthropogenic semivolatile organic compounds to Cheeka Peak Observatory during the spring of 2002. Journal of Geophysical Research, 2004, 109, .	3.3	33
123	Photochemistry, ozone production, and dilution during long-range transport episodes from Eurasia to the northwest United States. Journal of Geophysical Research, 2004, 109, .	3.3	60
124	Long-range transport of Asian pollution to the northeast Pacific: Seasonal variations and transport pathways of carbon monoxide. Journal of Geophysical Research, 2004, 109, .	3.3	256
125	Impact of Asian emissions on observations at Trinidad Head, California, during ITCT 2K2. Journal of Geophysical Research, 2004, 109, .	3.3	83
126	Natural and transboundary pollution influences on sulfate-nitrate-ammonium aerosols in the United States: Implications for policy. Journal of Geophysical Research, 2004, 109, .	3.3	791
127	Gas-phase chemical characteristics of Asian emission plumes observed during ITCT 2K2 over the eastern North Pacific Ocean. Journal of Geophysical Research, 2004, 109, .	3.3	80

#	Article	IF	CITATIONS
128	Trans-Eurasian transport of ozone and its precursors. Journal of Geophysical Research, 2004, 109, .	3.3	69
129	Influence of long-range-transported pollution on the annual and diurnal cycles of carbon monoxide and ozone at Cheeka Peak Observatory. Journal of Geophysical Research, 2004, 109, .	3.3	36
130	Multiscale simulations of tropospheric chemistry in the eastern Pacific and on the U.S. West Coast during spring 2002. Journal of Geophysical Research, 2004, $109$ , .	3.3	30
131	Ozone production in transpacific Asian pollution plumes and implications for ozone air quality in California. Journal of Geophysical Research, 2004, 109, .	3.3	197
132	Asian chemical outflow to the Pacific in late spring observed during the PEACE-B aircraft mission. Journal of Geophysical Research, 2004, 109, .	3.3	33
133	Evidence for hygroscopic mineral dust particles from the Intercontinental Transport and Chemical Transformation Experiment. Journal of Geophysical Research, 2004, 109, .	3.3	67
134	An evaluation of TRACE-P emission inventories from China using a regional model and chemical measurements. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	39
135	Regional and hemispheric impacts of anthropogenic and biomass burning emissions on summertime CO and O3in the North Atlantic lower free troposphere. Journal of Geophysical Research, 2004, 109, .	3.3	165
136	Macrofungus communities correlate with moisture and nitrogen abundance in two old-growth conifer forests, Olympic National Park, Washington, USA. Canadian Journal of Botany, 2004, 82, 781-800.	1.2	71
137	Assessment of the photochemistry of OH and NO3 on Jeju Island during the Asian-dust-storm period in the spring of 2001. Chemosphere, 2004, 55, 1127-1142.	4.2	22
138	The genotoxicity of ambient outdoor air, a review: Salmonella mutagenicity. Mutation Research - Reviews in Mutation Research, 2004, 567, 347-399.	2.4	169
139	A climatological study of rural surface ozone in central Greece. Atmospheric Chemistry and Physics, 2004, 4, 1139-1147.	1.9	60
140	New Ozone Measurement Systems for Autonomous Operation on Ocean Buoys and Towers*. Journal of Atmospheric and Oceanic Technology, 2004, 21, 1007-1016.	0.5	8
141	Colored Rain on the West Coastal Region of India: Was it Due to a Dust Storm?. Aerosol Science and Technology, 2004, 38, 24-26.	1.5	3
142	POLYCHLORINATED BIPHENYLS, DIOXINS, AND FURANS IN WEANED, FREE-RANGING NORTHERN ELEPHANT SEAL PUPS FROM CENTRAL CALIFORNIA, USA. Environmental Toxicology and Chemistry, 2005, 24, 629.	2.2	27
143	Seasonal cycle and composition of background fine particles along the west coast of the US. Atmospheric Environment, 2005, 39, 297-306.	1.9	55
144	Export of atmospheric mercury from Asia. Atmospheric Environment, 2005, 39, 3029-3038.	1.9	336
145	Seasonal and long-term change in lead deposition in central Japan: evidence for atmospheric transport from continental Asia. Science of the Total Environment, 2005, 341, 149-158.	3.9	29

#	Article	IF	CITATIONS
146	Air pollution: Current challenges and future opportunities. AICHE Journal, 2005, 51, 356-364.	1.8	13
147	Persistent Organic Pollutants in British Columbia Grizzly Bears:Â Consequence of Divergent Diets. Environmental Science & Environmental Science & Envi	4.6	121
148	Concentration, isotopic composition, and sources of lead in Southern Ocean air during 1999/2000, measured at the Cape Grim Baseline Air Pollution Station, Tasmania. Geochimica Et Cosmochimica Acta, 2005, 69, 4747-4757.	1.6	11
149	Metal contamination and solid phase partitioning of metals in urban roadside sediments. Chemosphere, 2005, 60, 672-689.	4.2	104
150	Size-segregated characterization of atmospheric aerosols in Taipei during Asian outflow episodes. Atmospheric Research, 2005, 75, 89-109.	1.8	26
151	Asian continental aerosol persistence above the marine boundary layer over the eastern North Pacific: Continuous aerosol measurements from Intercontinental Transport and Chemical Transformation 2002 (ITCT 2K2). Journal of Geophysical Research, 2005, 110, .	3.3	55
152	Intercontinental air pollution transport from North America to Europe: Experimental evidence from airborne measurements and surface observations. Journal of Geophysical Research, 2005, $110$ , .	3.3	92
153	Evaluation of the aerosol indirect effect in marine stratocumulus clouds: Droplet number, size, liquid water path, and radiative impact. Journal of Geophysical Research, 2005, 110, .	3.3	144
154	Long-range transport of ozone, carbon monoxide, and aerosols to the NE Pacific troposphere during the summer of 2003: Observations of smoke plumes from Asian boreal fires. Journal of Geophysical Research, 2005, $110$ , .	3.3	118
155	Analysis of seasonal and interannual variability in transpacific transport. Journal of Geophysical Research, 2005, $110$ , .	3.3	49
156	Evaluation of aerosol properties over ocean from Moderate Resolution Imaging Spectroradiometer (MODIS) during ACE-Asia. Journal of Geophysical Research, 2005, 110, .	3.3	48
157	A 9-year climatology of airstreams in East Asia and implications for the transport of pollutants and downstream impacts. Journal of Geophysical Research, 2005, 110, .	3.3	5
158	Impacts of chemistry-aerosol coupling on tropospheric ozone and sulfate simulations in a general circulation model. Journal of Geophysical Research, 2005, 110, n/a-n/a.	3.3	52
159	Estimating the average time for inter-continental transport of air pollutants. Geophysical Research Letters, 2005, 32, .	1.5	21
160	Significant latitudinal gradient in the surface ozone spring maximum over East Asia. Geophysical Research Letters, 2005, 32, .	1.5	96
161	Meteorological indices for Asian outflow and transpacific transport on daily to interannual timescales. Journal of Geophysical Research, 2005, 110, .	3.3	65
162	Seasonality and weather-driven variability of transpacific transport. Journal of Geophysical Research, 2005, 110, .	3.3	47
163	REGIONAL ATMOSPHERIC POLLUTION AND TRANSBOUNDARY AIR QUALITY MANAGEMENT. Annual Review of Environment and Resources, 2005, 30, 1-37.	5.6	68

#	Article	IF	CITATIONS
164	Fireproof killer whales (Orcinus orca): flame-retardant chemicals and the conservation imperative in the charismatic icon of British Columbia, Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 224-234.	0.7	60
165	Late-spring increase of trans-Pacific pollution transport in the upper troposphere. Geophysical Research Letters, 2006, 33, n/a-n/a.	1.5	43
166	How does climate change contribute to surface ozone change over the United States?. Journal of Geophysical Research, 2006, $111$ , .	3.3	188
167	Regional NOxemission strength for the Indian subcontinent and the impact of emissions from India and neighboring countries on regional O3chemistry. Journal of Geophysical Research, 2006, 111, .	3.3	34
168	Transport of carbon monoxide from the tropics to the extratropics. Journal of Geophysical Research, 2006, 111, .	3.3	33
169	Summertime pollution events in the Arctic and potential implications. Journal of Geophysical Research, 2006, $111$ , .	3.3	39
170	Observations of Asian air pollution in the free troposphere at Mount Bachelor Observatory during the spring of 2004. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	152
171	Global tropospheric ozone modeling: Quantifying errors due to grid resolution. Journal of Geophysical Research, 2006, 111, .	3.3	135
172	Transpacific transport of Asian anthropogenic aerosols and its impact on surface air quality in the United States. Journal of Geophysical Research, 2006, 111, .	3.3	203
173	Intercomparison of ultraviolet photometry and gas-phase titration techniques for ozone reference standards at ambient levels. Journal of Geophysical Research, 2006, 111, .	3.3	18
174	An analysis of the mechanisms of North American pollutant transport to the central North Atlantic lower free troposphere. Journal of Geophysical Research, 2006, $111$ , .	3.3	79
175	Overview of the summer 2004 Intercontinental Chemical Transport Experiment–North America (INTEX-A). Journal of Geophysical Research, 2006, 111, .	3.3	233
176	Sulfate-coated dust particles in the free troposphere over Japan. Atmospheric Research, 2006, 82, 698-708.	1.8	52
178	Seasonal and spatial variations of snow chemistry on Mount Logan, Yukon, Canada. Annals of Glaciology, 2006, 43, 177-186.	2.8	9
179	Attribution of modeled atmospheric sulfate and SO <sub>2</sub> in the Northern Hemisphere for June–July 1997. Atmospheric Chemistry and Physics, 2006, 6, 4723-4738.	1.9	11
180	Investments in Global Warming Mitigation: The Case of "Activities Implemented Jointly― Policy Sciences, 2006, 39, 233-248.	1.5	9
181	The Characteristics of Tropospheric Ozone Seasonality Observed from Ozone Soundings at Pohang, Korea. Environmental Monitoring and Assessment, 2006, 118, 1-12.	1.3	21
182	Regional visibility statistics in the United States: Natural and transboundary pollution influences, and implications for the Regional Haze Rule. Atmospheric Environment, 2006, 40, 5405-5423.	1.9	223

#	Article	IF	CITATIONS
183	Seasonal variations in SO2 plume transport over Japan: Observations at the summit of Mt. Fuji from winter to summer. Atmospheric Environment, 2006, 40, 7018-7033.	1.9	26
184	Intensification of Pacific storm track linked to Asian pollution. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5295-5299.	3.3	213
185	Direct observations of the atmospheric processing of Asian mineral dust. Atmospheric Chemistry and Physics, 2007, 7, 1213-1236.	1.9	424
186	Evaluating model performance of an ensemble-based chemical data assimilation system during INTEX-B field mission. Atmospheric Chemistry and Physics, 2007, 7, 5695-5710.	1.9	53
187	Aircraft measurements over Europe of an air pollution plume from Southeast Asia $\hat{a}\in$ aerosol and chemical characterization. Atmospheric Chemistry and Physics, 2007, 7, 913-937.	1.9	67
188	Intercontinental transport of aerosols and photochemical oxidants from Asia and its consequences. Environmental Pollution, 2007, 150, 65-84.	3.7	68
189	The logarithm-linear relationship of the occurrence frequency to the duration of sand–dust storms: Evidence from observational data in China. Journal of Arid Environments, 2007, 71, 243-249.	1.2	7
190	Future Mission Concept for 3-D Remote Sensing of Aerosols from Low Earth Orbit. , 2007, , .		0
191	Direct assessment of international consistency of standards for ground-level ozone: strategy and implementation toward metrological traceability network in Asia. Journal of Environmental Monitoring, 2007, 9, 1183.	2.1	25
192	Outflow of Polycyclic Aromatic Hydrocarbons from Guangdong, Southern China. Environmental Science & En	4.6	40
193	Tissue Contaminants and Associated Transcriptional Response in Trout Liver from High Elevation Lakes of Washington. Environmental Science & Eamp; Technology, 2007, 41, 6591-6597.	4.6	33
194	Atmospheric Outflow of Anthropogenic Semivolatile Organic Compounds from East Asia in Spring 2004. Environmental Science & East Asia in Spring 3504. Environmental Science & East Asia in Spring 2004.	4.6	81
195	Mercury Concentration in Fish from Streams and Rivers Throughout the Western United States. Environmental Science & Environmen	4.6	107
196	A model investigation of tropospheric ozone chemical tendencies in long-range transported pollution plumes. Journal of Geophysical Research, 2007, 112, .	3.3	36
197	In situ measurements of trace gases and aerosol optical properties at a rural site in northern China during East Asian Study of Tropospheric Aerosols: An International Regional Experiment 2005. Journal of Geophysical Research, 2007, 112, .	3.3	91
198	Evaluation of the MOCAGE chemistry transport model during the ICARTT/ITOP experiment. Journal of Geophysical Research, 2007, $112$ , .	3.3	76
199	Low-level transpacific transport. Journal of Geophysical Research, 2007, 112, .	3.3	19
200	Summertime influence of Asian pollution in the free troposphere over North America. Journal of Geophysical Research, 2007, $112$ , .	3.3	86

#	ARTICLE	IF	CITATIONS
201	Simulation of entrainment and transport of dust particles within North America in April 2001 ("Red) Tj ETQq0	0.0.ggBT /	Oygrlock 10
202	Heavy metals and Pb isotopic composition of aerosols in urban and suburban areas of Hong Kong and Guangzhou, South Chinaâ€"Evidence of the long-range transport of air contaminants. Atmospheric Environment, 2007, 41, 432-447.	1.9	216
203	The impact of transpacific transport of mineral dust in the United States. Atmospheric Environment, 2007, 41, 1251-1266.	1.9	426
204	Analysis of rainfall and fine aerosol data using clustered trajectory analysis for National Park sites in the Western US. Atmospheric Environment, 2007, 41, 3071-3081.	1.9	17
205	Impact of Asian continental outflow on the concentrations of O3, CO, NMHCs and halocarbons on Jeju Island, South Korea during March 2005. Atmospheric Environment, 2007, 41, 2933-2944.	1.9	17
206	Number size distribution of atmospheric aerosols during ACE-Asia dust and precipitation events. Atmospheric Environment, 2007, 41, 4841-4855.	1.9	49
207	Increase in surface ozone at rural sites in the western US. Atmospheric Environment, 2007, 41, 5452-5463.	1.9	171
208	Dust characteristics over the North Pacific observed through shipboard measurements during the ACE-Asia experiment. Atmospheric Environment, 2007, 41, 7907-7922.	1.9	36
209	The influence of dry lakebeds, degraded sandy grasslands and abandoned farmland in the arid inlands of northern China on the grain size distribution of East Asian aeolian dust. Environmental Geology, 2008, 53, 1767-1775.	1.2	15
210	Blowing Smoke in Yellowstone: Air Quality Impacts of Oversnow Motorized Recreation in the Park. Environmental Management, 2008, 41, 183-199.	1.2	11
211	Variability of East Asia dust events and their long-term trend. Atmospheric Environment, 2008, 42, 3156-3165.	1.9	155
212	MICS-Asia II: Impact of global emissions on regional air quality in Asia. Atmospheric Environment, 2008, 42, 3543-3561.	1.9	40
213	Scavenging of atmospheric trace metal pollutants by mineral dusts: Inter-regional transport of Australian trace metal pollution to New Zealand. Atmospheric Environment, 2008, 42, 2460-2478.	1.9	64
214	Atmospheric mercury concentrations at Storm Peak Laboratory in the Rocky Mountains: Evidence for long-range transport from Asia, boundary layer contributions, and plant mercury uptake. Atmospheric Environment, 2008, 42, 7579-7589.	1.9	98
215	Effects of intercontinental transport on surface ozone over the United States: Present and future assessment with a global model. Geophysical Research Letters, 2008, 35, .	1.5	54
216	Effects of atmospheric particles from Southern California on the optical properties of seawater. Journal of Geophysical Research, 2008, 113, .	3.3	13
217	Tropospheric transport climate partitioned by surface origin and transit time. Journal of Geophysical Research, 2008, 113, .	3.3	10
218	A satelliteâ€based assessment of transpacific transport of pollution aerosol. Journal of Geophysical Research, 2008, 113, .	3.3	114

#	Article	IF	CITATIONS
219	Impacts of longâ€range transport of global pollutants and precursor gases on U.S. air quality under future climatic conditions. Journal of Geophysical Research, 2008, 113, .	3.3	20
220	Ten years of multiwavelength Raman lidar observations of freeâ€tropospheric aerosol layers over central Europe: Geometrical properties and annual cycle. Journal of Geophysical Research, 2008, 113, .	3.3	80
221	Influence of meteorological conditions on trans-Pacific transport of Asian dust during spring season. Journal of Aerosol Science, 2008, 39, 1003-1017.	1.8	9
222	Mercury Concentrations in Salmonids from Western U.S. National Parks and Relationships with Age and Macrophage Aggregates. Environmental Science & Env	4.6	49
223	Sources, fate and transport of atmospheric mercury from Asia. Environmental Chemistry, 2008, 5, 121.	0.7	61
224	Evaluation of model-simulated source contributions to tropospheric ozone with aircraft observations in the factor-projected space. Atmospheric Chemistry and Physics, 2008, 8, 1751-1761.	1.9	5
225	The influence of European pollution on ozone in the Near East and northern Africa. Atmospheric Chemistry and Physics, 2008, 8, 2267-2283.	1.9	86
226	Analysis of aircraft and satellite measurements from the Intercontinental Chemical Transport Experiment (INTEX-B) to quantify long-range transport of East Asian sulfur to Canada. Atmospheric Chemistry and Physics, 2008, 8, 2999-3014.	1.9	259
227	CO emission and export from Asia: an analysis combining complementary satellite measurements (MOPITT, SCIAMACHY and ACE-FTS) with global modeling. Atmospheric Chemistry and Physics, 2008, 8, 5187-5204.	1.9	58
228	Investigating the sources and atmospheric processing of fine particles from Asia and the Northwestern United States measured during INTEX B. Atmospheric Chemistry and Physics, 2008, 8, 1835-1853.	1.9	54
229	Continental outflow from the US to the upper troposphere over the North Atlantic during the NASA INTEX-NA Airborne Campaign. Atmospheric Chemistry and Physics, 2008, 8, 1989-2005.	1.9	8
230	Climate Change and Air Pollution: Exploring the Synergies and Potential for Mitigation in Industrializing Countries. Sustainability, 2009, 1, 43-54.	1.6	65
231	The Path Density of Interhemispheric Surface-to-Surface Transport. Part II: Transport through the Troposphere and Stratosphere Diagnosed from NCEP Data. Journals of the Atmospheric Sciences, 2009, 66, 2172-2189.	0.6	11
232	Atmospheric composition change – global and regional air quality. Atmospheric Environment, 2009, 43, 5268-5350.	1.9	714
233	The Seasonal Variation of the Concentrations of Ozone, Sulfur Dioxide, and Nitrogen Oxides in Two Nigerian Cities. Environmental Modeling and Assessment, 2009, 14, 497-509.	1.2	13
234	Influence of air pollution on the mountain forests along the Tateyama–Kurobe Alpine route. Ecological Research, 2009, 24, 821-830.	0.7	34
235	Asian dust transported one full circuit around theÂglobe. Nature Geoscience, 2009, 2, 557-560.	5.4	689
236	Stable Lead Isotope Compositions In Selected Coals From Around The World And Implications For Present Day Aerosol Source Tracing. Environmental Science & Environmental Science & 2009, 43, 1078-1085.	4.6	159

#	Article	IF	CITATIONS
237	Do trans-Pacific air masses deliver PBDEs to coastal British Columbia, Canada?. Environmental Pollution, 2009, 157, 3404-3412.	3.7	34
238	Geochemical fingerprinting: 40 years of analytical development and real world applications. Applied Geochemistry, 2009, 24, 1074-1086.	1.4	80
239	Asian Dust effects on Total Suspended Particulate (TSP) compositions at Gosan in Jeju Island, Korea. Atmospheric Research, 2009, 94, 345-355.	1.8	41
240	Inferring the composition and concentration of aerosols by combining AERONET and MPLNET data: Comparison with other measurements and utilization to evaluate GCM output. Journal of Geophysical Research, 2009, 114, .	3.3	39
241	Correction to "Transport of north China air pollution by midlatitude cyclones: Case study of aircraft measurements in summer 2007― Journal of Geophysical Research, 2009, 114, .	3.3	12
242	A comparison of collisions of saltating grains with loose and consolidated silt surfaces. Journal of Geophysical Research, 2009, 114, .	3.3	32
243	Trans-Pacific and Regional Atmospheric Transport of Polycyclic Aromatic Hydrocarbons and Pesticides in Biomass Burning Emissions to Western North America. Environmental Science & Emp; Technology, 2009, 43, 1061-1066.	4.6	65
244	Modeling intercontinental air pollution transport over the transâ€Pacific region in 2001 using the Community Multiscale Air Quality modeling system. Journal of Geophysical Research, 2009, 114, .	3.3	58
245	Multimodel estimates of intercontinental sourceâ€receptor relationships for ozone pollution. Journal of Geophysical Research, 2009, 114, .	3.3	430
246	Transport of north China air pollution by midlatitude cyclones: Case study of aircraft measurements in summer 2007. Journal of Geophysical Research, 2009, 114, .	3.3	108
247	Transmission electron microscopy study of aerosol particles from the brown hazes in northern China. Journal of Geophysical Research, 2009, 114, .	3.3	148
248	Evidence for Asian dust effects from aerosol plume measurements during INTEX-B 2006 near Whistler, BC. Atmospheric Chemistry and Physics, 2009, 9, 3523-3546.	1.9	62
249	East Asian SO <sub>2</sub> pollution plume over Europe – Part 1: Airborne trace gas measurements and source identification by particle dispersion model simulations. Atmospheric Chemistry and Physics, 2009, 9, 4717-4728.	1.9	54
250	Size-resolved aerosol chemistry on Whistler Mountain, Canada with a high-resolution aerosol mass spectrometer during INTEX-B. Atmospheric Chemistry and Physics, 2009, 9, 3095-3111.	1.9	119
251	Trans-pacific dust transport: integrated analysis of NASA/CALIPSO and a global aerosol transport model. Atmospheric Chemistry and Physics, 2009, 9, 3137-3145.	1.9	112
252	The influence of foreign vs. North American emissions on surface ozone in the US. Atmospheric Chemistry and Physics, 2009, 9, 5027-5042.	1.9	141
253	Interannual variability of long-range transport as seen at the Mt. Bachelor observatory. Atmospheric Chemistry and Physics, 2009, 9, 557-572.	1.9	28
254	Evolution of Asian aerosols during transpacific transport in INTEX-B. Atmospheric Chemistry and Physics, 2009, 9, 7257-7287.	1.9	170

#	Article	IF	Citations
255	Soil Microbial Community Structure in an Asian Dust Source Region (Loess Plateau). Microbes and Environments, 2010, 25, 53-57.	0.7	12
256	A regional scale modeling analysis of aerosol and trace gas distributions over the eastern Pacific during the INTEX-B field campaign. Atmospheric Chemistry and Physics, 2010, 10, 2091-2115.	1.9	43
257	Nitrogen oxides in the boundary layer and free troposphere at the Mt. Bachelor Observatory. Atmospheric Chemistry and Physics, 2010, 10, 6043-6062.	1.9	42
258	Atmospheric pollutant outflow from southern Asia: a review. Atmospheric Chemistry and Physics, 2010, 10, 11017-11096.	1.9	419
259	Trans-Pacific transport of Asian dust and CO: accumulation of biomass burning CO in the subtropics and dipole structure of transport. Atmospheric Chemistry and Physics, 2010, 10, 3297-3308.	1.9	21
260	Impact of mineral dust on nitrate, sulfate, and ozone in transpacific Asian pollution plumes. Atmospheric Chemistry and Physics, 2010, 10, 3999-4012.	1.9	214
261	Quantifying pollution inflow and outflow over East Asia in spring with regional and global models. Atmospheric Chemistry and Physics, 2010, 10, 4221-4239.	1.9	87
262	Haze types in Beijing and the influence of agricultural biomass burning. Atmospheric Chemistry and Physics, 2010, 10, 8119-8130.	1.9	241
263	Environmental factors influencing the load of longâ€range transported air pollutants on <i>Pinus amamiana</i> in Yakushima Island, Japan. Ecological Research, 2010, 25, 233-243.	0.7	7
264	WRF/Chem simulated springtime impact of rising Asian emissions on air quality over the U.S Atmospheric Environment, 2010, 44, 2799-2812.	1.9	24
265	Simulation of the direct effects of dust aerosol on climate in East Asia. Particuology, 2010, 8, 301-307.	2.0	15
266	Estimates of carbon monoxide emissions from wildfires in northern Eurasia for airquality assessment and climate modeling. Izvestiya - Atmospheric and Oceanic Physics, 2010, 46, 281-293.	0.2	30
267	Impact of the Southeast Asian summer monsoon strength on the outflow of aerosols from South Asia. Annales Geophysicae, 2010, 28, 277-287.	0.6	18
268	Development of a New Wind-Blown-Dust Emission Module Using Comparative Assessment of Existing Dust Models. Particulate Science and Technology, 2010, 28, 267-286.	1.1	6
269	Biophysical and Agroeconomic Influences on Pasture Quality in Da'erhanmaoming'an Union Banner, Inner Mongolian Autonomous Region, China. Physical Geography, 2010, 31, 552-581.	0.6	3
270	Application of a Signal Technique to the Source–Receptor Relationship in Three-Dimensional Tracer Simulations. Journal of Applied Meteorology and Climatology, 2010, 49, 2197-2212.	0.6	0
271	Light scattering and absorption by wind blown dust: Theory, measurement, and recent data. Aeolian Research, 2010, 2, 5-26.	1.1	94
272	Transport and evolution of a pollution plume from northern China: A satelliteâ€based case study. Journal of Geophysical Research, 2010, 115, .	3.3	34

#	Article	IF	CITATIONS
273	Mercury in the marine boundary layer and seawater of the South China Sea: Concentrations, sea/air flux, and implication for land outflow. Journal of Geophysical Research, 2010, $115$ , .	3.3	104
274	Surface measurements of aerosol properties over northwest China during ARM China 2008 deployment. Journal of Geophysical Research, 2010, 115, .	3.3	67
275	Black carbon in a continental semiâ€arid area of Northeast China and its possible sources of fire emission. Journal of Geophysical Research, 2010, 115, .	3.3	37
276	Optical properties of aged Asian aerosols observed over the U.S. Pacific Northwest. Journal of Geophysical Research, 2010, 115, .	3.3	34
277	Pb Isotopes as an Indicator of the Asian Contribution to Particulate Air Pollution in Urban California. Environmental Science & Environmental Science	4.6	79
278	Relationship between Surface and Free Tropospheric Ozone in the Western U.S Environmental Science & Company (2011), 45, 432-438.	4.6	63
279	East Asian Studies of Tropospheric Aerosols and their Impact on Regional Climate (EAST-AIRC): An overview. Journal of Geophysical Research, 2011, 116, .	3.3	119
280	Intercontinental transport of anthropogenic sulfur dioxide and other pollutants: An infrared remote sensing case study. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	32
281	Asian influence on surface ozone in the United States: A comparison of chemistry, seasonality, and transport mechanisms. Journal of Geophysical Research, 2011, 116, .	3.3	63
282	Measurement of western U.S. baseline ozone from the surface to the tropopause and assessment of downwind impact regions. Journal of Geophysical Research, 2011, 116, .	3.3	71
283	Arid sedimentation in the oceans and atmospheric particulate matter. Russian Geology and Geophysics, 2011, 52, 1100-1133.	0.3	29
284	Source–receptor relationships for fine particulate matter concentrations in the Eastern United States. Atmospheric Environment, 2011, 45, 347-356.	1.9	32
285	Origin of the springtime tropospheric ozone maximum over east China at LinAn in 2001. Tellus, Series B: Chemical and Physical Meteorology, 2011, 55, 982-992.	0.8	3
286	Spatial Distribution of Stable Sulfur Isotope Ratio in Coal Samples in East Asian Region. Radioisotopes, 2011, 60, 27-33.	0.1	4
287	In-situ observation of Asian pollution transported into the Arctic lowermost stratosphere. Atmospheric Chemistry and Physics, 2011, 11, 10975-10994.	1.9	49
288	Interannual variability of ozone and carbon monoxide at the Whistler high elevation site: 2002–2006. Atmospheric Chemistry and Physics, 2011, 11, 11431-11446.	1.9	39
289	Individual particle analysis of aerosols collected under haze and non-haze conditions at a high-elevation mountain site in the North China plain. Atmospheric Chemistry and Physics, 2011, 11, 11733-11744.	1.9	58
290	Transpacific transport of benzo[a]pyrene emitted from Asia. Atmospheric Chemistry and Physics, 2011, 11, 11993-12006.	1.9	22

#	Article	IF	CITATIONS
291	An investigation of methods for injecting emissions from boreal wildfires using WRF-Chem during ARCTAS. Atmospheric Chemistry and Physics, 2011, 11, 5719-5744.	1.9	47
292	Nationwide summer peaks of OC/EC ratios in the contiguous United States. Atmospheric Environment, 2011, 45, 578-586.	1.9	49
293	Intercontinental influence of NOx and CO emissions on particulate matter air quality. Atmospheric Environment, 2011, 45, 3318-3324.	1.9	57
294	Global emission projections of particulate matter (PM): I. Exhaust emissions from on-road vehicles. Atmospheric Environment, 2011, 45, 4830-4844.	1.9	93
295	Causes of high O3 in the lower free troposphere over the Pacific Northwest as observed at the Mt. Bachelor Observatory. Atmospheric Environment, 2011, 45, 5302-5315.	1.9	92
296	Influence of interannual variations in transport on summertime abundances of ozone over the Middle East. Journal of Geophysical Research, 2011, 116, .	3.3	29
297	Episodic Dust Events of Utah's Wasatch Front and Adjoining Region. Journal of Applied Meteorology and Climatology, 2012, 51, 1654-1669.	0.6	50
298	Sensitivity and linearity analysis of ozone in East Asia: The effects of domestic emission and intercontinental transport. Journal of the Air and Waste Management Association, 2012, 62, 1102-1114.	0.9	41
299	The Cross-Correlation Function as a Tool for Detecting Source-Receptor Relationships: Application to Asian Dust Transport to North America. Atmospheric and Oceanic Science Letters, 2012, 5, 119-122.	0.5	0
300	American business interests meet air pollution transport science: understanding the US response to trans-Pacific air pollution. Journal of Integrative Environmental Sciences, 2012, 9, 219-234.	1.0	2
301	Transport and mixing patterns over Central California during the carbonaceous aerosol and radiative effects study (CARES). Atmospheric Chemistry and Physics, 2012, 12, 1759-1783.	1.9	67
302	Organic matter and non-refractory aerosol over the remote Southeast Pacific: oceanic and combustion sources. Atmospheric Chemistry and Physics, 2012, 12, 557-576.	1.9	89
303	Hemispheric transport and influence of meteorology on global aerosol climatology. Atmospheric Chemistry and Physics, 2012, 12, 7609-7624.	1.9	30
304	Detection in the summer polar stratosphere of pollution plume from East Asia and North America by balloon-borne in situ CO measurements. Atmospheric Chemistry and Physics, 2012, 12, 11889-11906.	1.9	4
305	The time interval distribution of sand–dust storms in theory: testing with observational data for Yanchi, China. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P11015.	0.9	1
306	Assessing and Forecasting Atmospheric Outflow of α-HCH from China on Intra-, Inter-, and Decadal Time Scales. Environmental Science & Environmental S	4.6	12
307	Constraining recent lead pollution sources in the North Pacific using ice core stable lead isotopes. Journal of Geophysical Research, 2012, 117, .	3.3	24
308	Effects of below-cloud scavenging on the regional aerosol budget in East Asia. Atmospheric Environment, 2012, 58, 14-22.	1.9	28

#	Article	IF	CITATIONS
309	Influence of mineral dust mixing-state and reaction probabilities on size-resolved sulfate formation in Northeast Asia. Atmospheric Environment, 2012, 58, 23-34.	1.9	14
310	Urban emission hot spots as sources for remote aerosol deposition. Geophysical Research Letters, 2012, 39, .	1.5	23
311	Rapid transpacific transport in autumn observed by the Aâ€train satellites. Journal of Geophysical Research, 2012, 117, .	3.3	21
312	Transport of Asian ozone pollution into surface air over the western United States in spring. Journal of Geophysical Research, 2012, 117, .	3.3	218
313	An Aâ $\in$ train and model perspective on the vertical distribution of aerosols and CO in the Northern Hemisphere. Journal of Geophysical Research, 2012, 117, .	3.3	37
314	Black carbon aerosol over the Los Angeles Basin during CalNex. Journal of Geophysical Research, 2012, 117, .	3.3	77
315	Distribution, variability and sources of tropospheric ozone over south China in spring: Intensive ozonesonde measurements at five locations and modeling analysis. Journal of Geophysical Research, 2012, 117, .	3.3	21
316	Longâ€term ozone trends at rural ozone monitoring sites across the United States, 1990–2010. Journal of Geophysical Research, 2012, 117, .	3.3	180
317	Energy and Health. , 0, , 255-324.		15
318	Aerosol properties at gosan in Korea during two pollution episodes caused by contrasting weather conditions. Asia-Pacific Journal of Atmospheric Sciences, 2012, 48, 25-33.	1.3	13
319	Seasonal variations, speciation and possible sources of mercury in the snowpack of Zhadang glacier, Mt. Nyainqêntanglha, southern Tibetan Plateau. Science of the Total Environment, 2012, 429, 223-230.	3.9	34
320	Global review and synthesis of trends in observed terrestrial near-surface wind speeds: Implications for evaporation. Journal of Hydrology, 2012, 416-417, 182-205.	2.3	906
321	The trouble with salmon: relating pollutant exposure to toxic effect in species with transformational life histories and lengthy migrations. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 1252-1264.	0.7	22
322	Transport of PAN and NOy from different source regions to the Swiss high alpine site Jungfraujoch. Atmospheric Environment, 2013, 64, 103-115.	1.9	31
323	Satellite perspective of aerosol intercontinental transport: From qualitative tracking to quantitative characterization. Atmospheric Research, 2013, 124, 73-100.	1.8	81
324	Evolution of the arid climate in High Asia since $\hat{a}^{1}/41\hat{A}$ Ma: Evidence from loess deposits on the surface and rims of the Tibetan Plateau. Quaternary International, 2013, 313-314, 210-217.	0.7	15
325	PLANT CONSUMPTION BY GRIZZLY BEARS REDUCES BIOMAGNIFICATION OF SALMONâ€DERIVED POLYCHLORINATED BIPHENYLS, POLYBROMINATED DIPHENYL ETHERS, AND ORGANOCHLORINE PESTICIDES. Environmental Toxicology and Chemistry, 2013, 32, 995-1005.	2.2	13
326	Detection of Optically Thin Mineral Dust Aerosol Layers over the Ocean Using MODIS. Journal of Atmospheric and Oceanic Technology, 2013, 30, 896-916.	0.5	16

#	ARTICLE	IF	CITATIONS
327	Estimation of Threshold Friction Velocity Using a Physical Parameterization Over the Asian Dust Source Region. Particulate Science and Technology, 2013, 31, 119-127.	1.1	3
328	The March 2009 Dust Event in Saudi Arabia: Precursor and Supportive Environment. Bulletin of the American Meteorological Society, 2013, 94, 515-528.	1.7	70
329	Aerosol pollution potential from major population centers. Atmospheric Chemistry and Physics, 2013, 13, 4203-4222.	1.9	8
330	Composite study of aerosol export events from East Asia and North America. Atmospheric Chemistry and Physics, 2013, 13, 1221-1242.	1.9	20
331	On the export of reactive nitrogen from Asia: NO <sub>x</sub> partitioning and effects on ozone. Atmospheric Chemistry and Physics, 2013, 13, 4617-4630.	1.9	17
332	Sources and photochemistry of volatile organic compounds in the remote atmosphere of western China: results from the Mt. Waliguan Observatory. Atmospheric Chemistry and Physics, 2013, 13, 8551-8567.	1.9	77
333	Ecologies of Empire: From Qing Cosmopolitanism to Modern Nationalism. Cross-currents, 2013, 2, 396-423.	0.2	3
334	A review of aerosol optical properties and radiative effects. Journal of Meteorological Research, 2014, 28, 1003-1028.	0.9	63
335	Nitrogen Deposition Effects on Diatom Communities in Lakes from Three National Parks in Washington State. Water, Air, and Soil Pollution, 2014, 225, 1857.	1.1	32
336	Using Bayesian optimization method and FLEXPART tracer model to evaluate CO emission in East China in springtime. Environmental Science and Pollution Research, 2014, 21, 3873-3879.	2.7	10
337	China's international trade and air pollution in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1736-1741.	3.3	391
338	Grizzly Bear Hair Reveals Toxic Exposure to Mercury through Salmon Consumption. Environmental Science & Environmental Science	4.6	30
339	The Global Dispersion of Pathogenic Microorganisms by Dust Storms and Its Relevance to Agriculture. Advances in Agronomy, 2014, 127, 1-41.	2.4	51
340	Rare earth element composition of paleo-maar sediments (latest Pleistocene–Early Holocene), Jeju Island, Korea: Implications for Asian dust record and monsoon climate. Quaternary International, 2014, 344, 32-42.	0.7	6
341	New insights into the magnetic variations of aeolian sands in the Tarim Basin and its paleoclimatic implications. Physics of the Earth and Planetary Interiors, 2014, 229, 82-87.	0.7	16
342	Will the role of intercontinental transport change in a changing climate?. Atmospheric Chemistry and Physics, 2014, 14, 9379-9402.	1.9	18
343	The role of horizontal model resolution in assessing the transport of CO in a middle latitude cyclone using WRF-Chem. Atmospheric Chemistry and Physics, 2014, 14, 609-627.	1.9	18
344	Thirteen years of observations on biomass burning organic tracers over Chichijima Island in the western North Pacific: An outflow region of Asian aerosols. Journal of Geophysical Research D: Atmospheres, 2015, 120, 4155-4168.	1.2	24

#	Article	IF	CITATIONS
345	Short-cut transport path for Asian dust directly to the Arctic: a case study. Environmental Research Letters, 2015, 10, 114018.	2.2	77
346	Springtime daily variations in lower-tropospheric ozone over east Asia: the role of cyclonic activity and pollution as observed from space with IASI. Atmospheric Chemistry and Physics, 2015, 15, 10839-10856.	1.9	45
347	Tropospheric ozone and its precursors from the urban to the global scale from air quality to short-lived climate forcer. Atmospheric Chemistry and Physics, 2015, 15, 8889-8973.	1.9	942
348	Quantifying sources of black carbon in western North America using observationally based analysis and an emission tagging technique in the Community Atmosphere Model. Atmospheric Chemistry and Physics, 2015, 15, 12805-12822.	1.9	16
349	Uplifting of carbon monoxide from biomass burning and anthropogenic sources to the free troposphere in East Asia. Atmospheric Chemistry and Physics, 2015, 15, 2843-2866.	1.9	44
350	Origin of springtime ozone enhancements in the lower troposphere over Beijing: in situ measurements and model analysis. Atmospheric Chemistry and Physics, 2015, 15, 5161-5179.	1.9	25
351	Long-Range and Regional Atmospheric Transport of POPs and Implications for Global Cycling. Comprehensive Analytical Chemistry, 2015, 67, 363-387.	0.7	18
352	A landscape-scale approach to examining the fate of atmospherically derived industrial metals in the surficial environment. Science of the Total Environment, 2015, 505, 962-980.	3.9	6
353	Estimation of foreign versus domestic contributions to Taiwan's air pollution. Atmospheric Environment, 2015, 112, 9-19.	1.9	10
354	Air Quality and Climate Connections. Journal of the Air and Waste Management Association, 2015, 65, 645-685.	0.9	322
355	A comparison of the physical and optical properties of anthropogenic air pollutants and mineral dust over Northwest China. Journal of Meteorological Research, 2015, 29, 180-200.	0.9	23
356	Integrated evaluation of aerosols during haze-fog episodes at one regional background site in North China Plain. Atmospheric Research, 2015, 156, 102-110.	1.8	63
357	Identification of sources contributing to PM2.5 and ozone at elevated sites in the western U.S. by receptor analysis: Lassen Volcanic National Park, California, and Great Basin National Park, Nevada. Science of the Total Environment, 2015, 530-531, 505-518.	3.9	16
358	Automated source term and wind parameter estimation for atmospheric transport and dispersion applications. Atmospheric Environment, 2015, 122, 206-219.	1.9	24
359	Transport aloft drives peak ozone in the Mojave Desert. Atmospheric Environment, 2015, 109, 331-341.	1.9	18
360	An overview of the 2013 Las Vegas Ozone Study (LVOS): Impact of stratospheric intrusions and long-range transport on surface air quality. Atmospheric Environment, 2015, 109, 305-322.	1.9	93
361	BioEarth: Envisioning and developing a new regional earth system model to inform natural and agricultural resource management. Climatic Change, 2015, 129, 555-571.	1.7	29
362	Airborne Measurements of High Pollutant Concentration Events in the Free Troposphere over the West Coast of South Korea between 1997 and 2011. Aerosol and Air Quality Research, 2016, 16, 1118-1130.	0.9	10

#	Article	IF	CITATIONS
363	Carbon Dioxide in the Free Troposphere and Boundary Layer at the Mt. Bachelor Observatory. Aerosol and Air Quality Research, 2016, 16, 717-728.	0.9	24
364	Trans-Pacific transport and evolution of aerosols: evaluation of quasi-global WRF-Chem simulation with multiple observations. Geoscientific Model Development, 2016, 9, 1725-1746.	1.3	62
365	Atmospheric Environment., 2016,, 45-136.		3
366	Impact of Asian aerosol forcing on tropical Pacific circulation and the relationship to global temperature trends. Journal of Geophysical Research D: Atmospheres, 2016, 121, 14,403.	1.2	5
367	Influences of Long-Range Transported Air Pollutants on Atmospheric TSP Aerosol Compositions at Jeju Island of Korea during 2011-2013. Bulletin of the Korean Chemical Society, 2016, 37, 626-631.	1.0	1
368	Numerical Simulation of Global-Scale Atmospheric Chemical Transport with High-Order Wavelet-Based Adaptive Mesh Refinement Algorithm. Monthly Weather Review, 2016, 144, 1469-1486.	0.5	7
369	Three-dimensional structure of aerosol in China: A perspective from multi-satellite observations. Atmospheric Research, 2016, 178-179, 580-589.	1.8	79
370	Lead isotope ratios in six lake sediment cores from Japan Archipelago: Historical record of trans-boundary pollution sources. Science of the Total Environment, 2016, 559, 24-37.	3.9	41
371	Quantifying the sectoral contribution of pollution transport from South Asia during summer and winter monsoon seasons in support of HTAP-2 experiment. Atmospheric Environment, 2016, 145, 60-71.	1.9	4
372	Changes in US background ozone due to global anthropogenic emissions from 1970 to 2020. Atmospheric Environment, 2016, 140, 446-455.	1.9	19
373	The influence of Asian dust outflow on particle microphysical and optical properties at Mt. Tai in central east China. Atmospheric Environment, 2016, 143, 27-38.	1.9	4
374	Atmospheric outflow of PM2.5 saccharides from megacity Shanghai to East China Sea: Impact of biological and biomass burning sources. Atmospheric Environment, 2016, 143, 1-14.	1.9	<b>7</b> 3
375	Controls on the distribution of deepâ€sea sediments. Geochemistry, Geophysics, Geosystems, 2016, 17, 3075-3098.	1.0	19
376	Source attribution of aerosol size distributions and model evaluation using Whistler Mountain measurements and GEOS-Chem-TOMAS simulations. Atmospheric Chemistry and Physics, 2016, 16, 383-396.	1.9	9
377	Global tropospheric ozone variations from 2003 to 2011 as seen by SCIAMACHY. Atmospheric Chemistry and Physics, 2016, 16, 417-436.	1.9	34
378	Quantitative Detection and Long-Term Monitoring of Settle Dust Using Semisupervised Learning for Spectral Data. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	0
379	Model assessment of atmospheric pollution control schemes for critical emission regions. Atmospheric Environment, 2016, 124, 367-377.	1.9	17
380	Differential Accumulation of Mercury and Selenium in Brown Trout Tissues of a High-Gradient Urbanized Stream in Colorado, USA. Archives of Environmental Contamination and Toxicology, 2016, 70, 204-218.	2.1	10

#	Article	IF	CITATIONS
381	An overview of emissions of SO 2 and NO x and the long-range transport of oxidized sulfur and nitrogen pollutants in East Asia. Journal of Environmental Sciences, 2016, 44, 13-25.	3.2	60
382	A new conceptual model for quantifying transboundary contribution of atmospheric pollutants in the East Asian Pacific rim region. Environment International, 2016, 88, 160-168.	4.8	16
383	Mercury Accumulation in Harbour Seals from the Northeastern Pacific Ocean: The Role of Transplacental Transfer, Lactation, Age and Location. Archives of Environmental Contamination and Toxicology, 2016, 70, 56-66.	2.1	38
384	A review of brominated flame retardants in the environment with emphasis on atmospheric levels, knowledge and information gaps in the African continent. Atmospheric Pollution Research, 2017, 8, 767-780.	1.8	19
385	Paradigms and commonalities in atmospheric source term estimation methods. Atmospheric Environment, 2017, 156, 102-112.	1.9	35
386	Entrainment of stratospheric air and Asian pollution by the convective boundary layer in the southwestern U.S Journal of Geophysical Research D: Atmospheres, 2017, 122, 1312-1337.	1.2	37
387	Sensitivity analysis applied to a variational data assimilation of a simulated pollution transport problem. International Journal for Numerical Methods in Fluids, 2017, 83, 465-482.	0.9	4
388	Transboundary health impacts of transported global air pollution and international trade. Nature, 2017, 543, 705-709.	13.7	737
389	Particulate matter emissions over the oil sands regions in Alberta, Canada. Environmental Reviews, 2017, 25, 432-443.	2.1	13
390	Large-scale transport of PM2.5 in the lower troposphere during winter cold surges in China. Scientific Reports, 2017, 7, 13238.	1.6	43
391	The Impacts of Meteorology on the Seasonal and Interannual Variabilities of Ozone Transport From North America to East Asia. Journal of Geophysical Research D: Atmospheres, 2017, 122, 10,612.	1.2	12
392	Trends and sources of ozone and sub-micron aerosols at the Mt. Bachelor Observatory (MBO) during 2004–2015. Atmospheric Environment, 2017, 165, 143-154.	1.9	18
393	Modeled Fullâ€Flight Aircraft Emissions Impacts on Air Quality and Their Sensitivity to Grid Resolution. Journal of Geophysical Research D: Atmospheres, 2017, 122, 13472-13494.	1.2	19
394	Urgency to Assess the Health Impact of Ambient Air Pollution in China. Advances in Experimental Medicine and Biology, 2017, 1017, 1-6.	0.8	7
395	Heavy metal-polluted aerosols collected at a rural site, Northwest China. Journal of Earth Science (Wuhan, China), 2017, 28, 535-544.	1.1	12
396	Fragility of reaction-diffusion models with respect to competing advective processes. Physical Review E, 2017, 96, 022220.	0.8	3
397	Observations and model simulations of snow albedo reduction in seasonal snow due to insoluble light-absorbing particles during 2014 Chinese survey. Atmospheric Chemistry and Physics, 2017, 17, 2279-2296.	1.9	49
398	Extending the Community Multiscale Air Quality (CMAQ) modeling system to hemispheric scales: overview of process considerations and initial applications. Atmospheric Chemistry and Physics, 2017, 17, 12449-12474.	1.9	83

#	Article	IF	CITATIONS
399	Acetone–CO enhancement ratios in the upper troposphere based on 7 years of CARIBIC data: new insights and estimates of regional acetone fluxes. Atmospheric Chemistry and Physics, 2017, 17, 1985-2008.	1.9	3
400	PAN in the eastern Pacific free troposphere: A satellite view of the sources, seasonality, interannual variability, and timeline for trend detection. Journal of Geophysical Research D: Atmospheres, 2017, 122, 3614-3629.	1.2	17
401	Vertically resolved characteristics of air pollution during two severe winter haze episodes in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 2495-2509.	1.9	69
402	Concentrations and source regions of light-absorbing particles in snow/ice in northern Pakistan and their impact on snow albedo. Atmospheric Chemistry and Physics, 2018, 18, 4981-5000.	1.9	31
403	Thirteen years of observations on primary sugars and sugar alcohols over remote Chichijima Island in the western North Pacific. Atmospheric Chemistry and Physics, 2018, 18, 81-101.	1.9	37
404	Palaeo-dust records: A window to understanding past environments. Global and Planetary Change, 2018, 165, 13-43.	1.6	54
405	Use of multiple tools including lead isotopes to decipher sources of ozone and reactive mercury to urban and rural locations in Nevada, USA. Science of the Total Environment, 2018, 615, 1411-1427.	3.9	11
406	Wintertime Transport of Reactive Trace Gases From East Asia Into the Deep Tropics. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,877.	1.2	5
407	The Effect of Atmospheric Acid Processing on the Global Deposition of Bioavailable Phosphorus From Dust. Global Biogeochemical Cycles, 2018, 32, 1367-1385.	1.9	21
408	A case study of anisotropic airborne pollen transport in Northern Patagonia using a Lagrangian particle dispersion model. Review of Palaeobotany and Palynology, 2018, 258, 215-222.	0.8	3
409	East Asian dust storm in May 2017: observations, modelling, and its influence on the Asia-Pacific region. Atmospheric Chemistry and Physics, 2018, 18, 8353-8371.	1.9	61
410	Understanding Long-Term Variations in Surface Ozone in United States (U.S.) National Parks. Atmosphere, 2018, 9, 125.	1.0	11
411	Mercury and Selenium in Twelve Cutthroat Trout Tissues from Highâ€Elevation Colorado Lakes, <scp>USA</scp> : Intraspecific and Interspecific Comparisons. Transactions of the American Fisheries Society, 2018, 147, 444-458.	0.6	7
412	Aerosol Physical Characteristics over the Yellow Sea During the KORUS-AQ Field Campaign: Observations and Air Quality Model Simulations. Asia-Pacific Journal of Atmospheric Sciences, 2019, 55, 629-640.	1.3	7
413	Quantifying the elemental composition of mosses in western Washington USA. Science of the Total Environment, 2019, 693, 133404.	3.9	11
414	Composition of Clean Marine Air and Biogenic Influences on VOCs during the MUMBA Campaign. Atmosphere, 2019, 10, 383.	1.0	8
415	Global Warming Increases the Incidence of Haze Days in China. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6180-6190.	1.2	6
416	Source Contributions to Carbon Monoxide Concentrations During KORUSâ€AQ Based on CAMâ€chem Model Applications. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2796-2822.	1.2	21

#	Article	IF	CITATIONS
417	Using Pb isotope ratios of particulate matter and epiphytic lichens from the Athabasca Oil Sands Region in Alberta, Canada to quantify local, regional, and global Pb source contributions. Science of the Total Environment, 2019, 654, 1293-1304.	3.9	25
418	Evidence for early (≥12.7 Ma) eolian dust impact on river chemistry in the northeastern Tibetan Plateau. Earth and Planetary Science Letters, 2019, 515, 79-89.	1.8	15
419	Laboratory measurements of light scattering matrices for resuspended small loess dust particles at 532â€nm wavelength. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 229, 71-79.	1.1	4
420	Trans-Pacific transport and evolution of aerosols: spatiotemporal characteristics and source contributions. Atmospheric Chemistry and Physics, 2019, 19, 12709-12730.	1.9	27
421	Multi-Model Evaluation of Meteorological Drivers, Air Pollutants and Quantification of Emission Sources over the Upper Brahmaputra Basin. Atmosphere, 2019, 10, 703.	1.0	8
422	Determination of the transport routes of and the areas potentially affected by SO2 emanating from Khatoonabad Copper Smelter (KCS), Kerman province, Iran using HYSPLIT. Atmospheric Pollution Research, 2019, 10, 321-333.	1.8	14
423	Trans-pacific aerosol vertical structure revealed by spaceborne lidar CALIOP. Atmospheric Environment, 2019, 201, 92-100.	1.9	3
424	Air Pollution in the Hindu Kush Himalaya. , 2019, , 339-387.		31
425	Exploration of the heterogeneous effect of climate change on ozone concentration in an urban environment. International Journal of Environmental Health Research, 2019, 29, 276-289.	1.3	10
426	Aeolian transport and deposition of carbonaceous aerosols over the Northwest Pacific Ocean in spring. Atmospheric Environment, 2020, 223, 117209.	1.9	11
427	Numerical study of air pollution over a typical basin topography: Source appointment of fine particulate matter during one severe haze in the megacity Xi'an. Science of the Total Environment, 2020, 708, 135213.	3.9	18
428	Seasonality in the Response of East Asian Westerly Jet to the Midâ€Holocene Forcing. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033003.	1.2	7
429	Transboundary air pollution and respiratory disease mortality: evidence from European countries. Journal of Economic Studies, 2020, ahead-of-print, .	1.0	4
430	A modeling study of the regional representativeness of surface ozone variation at the WMO/GAW background stations in China. Atmospheric Environment, 2020, 242, 117672.	1.9	6
431	Twentieth Century Black Carbon and Dust Deposition on South Cascade Glacier,ÂWashington State, USA, as Reconstructed From aÂ158â€mâ€Long Ice Core. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031126.	1.2	9
432	Modeling stratospheric intrusion and trans-Pacific transport on tropospheric ozone using hemispheric CMAQ during April 2010 – Part 1: Model evaluation and air mass characterization for stratosphere–troposphere transport. Atmospheric Chemistry and Physics, 2020, 20, 3373-3396.	1.9	14
433	ENSO and Southeast Asian biomass burning modulate subtropical trans-Pacific ozone transport. National Science Review, 2021, 8, nwaa132.	4.6	28
434	Provenance of sub-aerial surface sediments in the Tarim Basin, Western China. Catena, 2021, 198, 105014.	2.2	19

#	Article	IF	CITATIONS
435	Characterization and source apportionment of elemental species in PM2.5 with especial emphasis on seasonal variation in the capital city "Dhakaâ€, Bangladesh. Urban Climate, 2021, 36, 100804.	2.4	23
436	Has ridesourcing reduced haze? An analysis using the Didi app. Environmental Science and Pollution Research, 2021, 28, 45571-45585.	2.7	6
437	Long-range global transport and characterization of dust. , 2022, , 483-504.		0
438	Long-Distance Transport of Urban and Industrial Metals and Their Incorporation into the Environment: Sources, Transport Pathways and Historical Trends. Environmental Science and Engineering, 2010, , 103-124.	0.1	7
439	Introducing the geostationary environment monitoring spectrometer. Journal of Applied Remote Sensing, 2018, 12, 1.	0.6	15
440	The California Baseline Ozone Transport Study (CABOTS). Bulletin of the American Meteorological Society, 2020, 101, E427-E445.	1.7	20
441	Performance Analysis of Simulation of Asian Dust Observed in 2010 by the all-Season Dust Forecasting Model, UM-ADAM2. Atmosphere, 2012, 22, 245-257.	0.3	9
442	Regulating from Nowhere: Domestic Environmental Law and the Nation-State Subject. SSRN Electronic Journal, 0, , .	0.4	4
443	Analyses of Aerosol Events Observed at Four Sun Photometer Sites in Japan during March-April 2002. Journal of the Meteorological Society of Japan, 2004, 82, 1161-1172.	0.7	6
444	Sky Radiometer Measurements of Aerosol Optical Properties over Sapporo, Japan. Journal of the Meteorological Society of Japan, 2003, 81, 493-513.	0.7	49
445	Size Distribution and Optical Properties of Particulate Matter (PM10) and Black Carbon (BC) during Dust Storms and Local Air Pollution Events across a Loess Plateau Site. Aerosol and Air Quality Research, 2015, 15, 2212-2224.	0.9	21
446	Detection and attribution of wildfire pollution in the Arctic and northern midlatitudes using a network of Fourier-transform infrared spectrometers and GEOS-Chem. Atmospheric Chemistry and Physics, 2020, 20, 12813-12851.	1.9	26
475	A statistical study of <i>Weinmannia</i> pollen trajectories across the Andes. Advances in Geosciences, 0, 22, 79-84.	12.0	9
477	Episodic Particulate Sulfate and Sulfur Dioxide on the Southwestern Japan Coast in March and April 2010. Asian Journal of Atmospheric Environment, 2012, 6, 41-52.	0.4	4
478	The Perceived Symptom and Preventive Behavior Related to Asian Dust Event: in South Korean and Chinese. Journal of Korean Society for Atmospheric Environment, 2009, 25, 26-37.	0.2	5
479	Trans-Pacific Air Pollution: Scientific Evidence & Political Implications., 2001,, 1825-1830.		0
482	Colored Rain on the West Coastal Region of India: Was it Due to a Dust Storm?. Aerosol Science and Technology, 2004, 38, 24-26.	1.5	1
483	Study of Cloud Microphysics and Thermodynamics Using MODIS Atmospheric Products. , 2005, , .		0

#	Article	IF	CITATIONS
485	Title is missing!. Journal of Environmental Conservation Engineering, 2006, 35, 806-811.	0.0	0
487	Inspection on the Influence of Asian Dust on the Distribution of Atmospheric Mercury Observed for a Long Time. Journal of Korean Society for Atmospheric Environment, 2007, 23, 169-182.	0.2	3
492	The Distribution of Atmospheric Aerosols: Transport, Transformation and Removal., 2009,, 91-141.		1
495	Characteristics of Air Quality in the West-coastal Urban Atmosphere. Journal of Korean Society for Atmospheric Environment, 2009, 25, 550-561.	0.2	3
497	Dust Resuspension and Chemical Mass Transport from Soil to Atmosphere. , 2010, , 453-493.		0
504	Human Impact. , 2014, , 83-123.		0
507	Long-Range Transported SO2Inflow fromAsian Continent to Korea Peninsula Using OMI SO2Data and HYSPLIT Backward Trajectory Calculations. Korean Journal of Remote Sensing, 2014, 30, 743-754.	0.4	0
512	Klamath Network. , 2017, , 377-409.		0
514	Ozone Concentrations in Troposphere: Historical and Current Perspectives. , 2018, , 1-29.		1
515	A GIS Based Approach to Back Trajectory Analysis and Mass Concentration & Dispositions of Aerosols in Nairobi, Kenya. Journal of Geoscience and Environment Protection, 2019, 07, 122-139.	0.2	2
516	An experimental study on light scattering matrices for Chinese loess dust with different particle size distributions. Atmospheric Measurement Techniques, 2020, 13, 4097-4109.	1.2	9
517	National, International and Global Sources of Contamination at Lochnagar. , 2007, , 289-315.		0
519	Quantifying the provenance of dune sediments in the Taklimakan Desert using machine learning, multidimensional scaling and sediment source fingerprinting. Catena, 2022, 210, 105902.	2.2	21
520	Specified dynamics scheme impacts on wave-mean flow dynamics, convection, and tracer transport in CESM2 (WACCM6). Atmospheric Chemistry and Physics, 2022, 22, 197-214.	1.9	13
521	On numerical computation of sensitivity of response functions to system inputs in variational data assimilation problems. Russian Journal of Numerical Analysis and Mathematical Modelling, 2022, 37, 41-61.	0.2	2
522	Atmospheric Processing at the Seaâ€Land Interface Over the South China Sea: Secondary Aerosol Formation, Aerosol Acidity, and Role of Sea Salts. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	7
523	Long-range transport impacts from biomass burning and secondary pollutant sources based on receptor models during KORUS-AQ campaign. Atmospheric Environment, 2022, 276, 119060.	1.9	11
525	How Have Divergent Global Emission Trends Influenced Longâ€Range Transported Ozone to North America?. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	7

#	Article	IF	CITATIONS
526	Doing more with less: How to design a good subgroup governance model for the air pollution transport network in "2+26―cities of China?. Journal of Environmental Management, 2023, 327, 116909.	3.8	6
529	Source attribution of nitrogen dioxide over the Indian subcontinent using WRF-chem. Journal of Atmospheric and Solar-Terrestrial Physics, 2023, 245, 106051.	0.6	0
530	A Study of Headspace Solidâ€Phase Microextraction in the Analysis of 54 Hydrophobic Pollutants in Remote Alpine Lake Waters with an Emphasis on Analyte Recovery and Storage Time. Environmental Toxicology and Chemistry, 2023, 42, 1199-1211.	2.2	1