Anne M Thompson

List of Publications by Year
in descending order

283 papers	17,880 citations	13827 67 h-index	22764 112 g-index
350 all docs	350 docs citations	350 times ranked	9046 citing authors

#	Article	IF	Citations
1	The Oxidizing Capacity of the Earth's Atmosphere: Probable Past and Future Changes. Science, 1992, 256, 1157-1165.	6.0	748
2	Atmospheric sulfur cycle simulated in the global model GOCART: Model description and global properties. Journal of Geophysical Research, 2000, 105, 24671-24687.	3.3	525
3	The Arctic Research of the Composition of the Troposphere from Aircraft and Satellites (ARCTAS) mission: design, execution, and first results. Atmospheric Chemistry and Physics, 2010, 10, 5191-5212.	1.9	419
4	Transpacific transport of ozone pollution and the effect of recent Asian emission increases on air quality in North America: an integrated analysis using satellite, aircraft, ozonesonde, and surface observations. Atmospheric Chemistry and Physics, 2008, 8, 6117-6136.	1.9	369
5	Global distribution and trends of tropospheric ozone: An observation-based review. Elementa, 2014, 2, .	1.1	365
6	Southern Hemisphere Additional Ozonesondes (SHADOZ) 1998â€“2000 tropical ozone climatology 1. Comparison with Total Ozone Mapping Spectrometer (TOMS) and ground-based measurements. Journal of Geophysical Research, 2003, 108, .	3.3	329
7	A spaceâ€based, highâ€resolution view of notable changes in urban NO_x pollution around the world (2005â€“2014). Journal of Geophysical Research D: Atmospheres, 2016, 121, 976-996.	1.2	322
8	Why do models overestimate surface ozone in the Southeast United States?. Atmospheric Chemistry and Physics, 2016, 16, 13561-13577.	1.9	320
9	An analysis of AERONET aerosol absorption properties and classifications representative of aerosol source regions. Journal of Geophysical Research, 2012, 117, .	3.3	311
10	Smoke, Clouds, and Radiation-Brazil (SCAR-B) experiment. Journal of Geophysical Research, 1998, 103, 31783-31808.	3.3	284
11	Assessment of the performance of ECCâ€ozonesondes under quasiâ€flight conditions in the environmental simulation chamber: Insights from the Juelich Ozone Sonde Intercomparison Experiment (JOSIE). Journal of Geophysical Research, 2007, 112, .	3.3	282
12	Convective transport of biomass burning emissions over Brazil during TRACE A. Journal of Geophysical Research, 1996, 101, 23993-24012.	3.3	253
13	Tropospheric Ozone Assessment Report: Present-day distribution and trends of tropospheric ozone relevant to climate and global atmospheric chemistry model evaluation. Elementa, 2018, 6, .	1.1	240
14	Where did tropospheric ozone over southern Africa and the tropical Atlantic come from in October 1992? Insights from TOMS, GTE TRACE A, and SAFARI 1992. Journal of Geophysical Research, 1996, 101, 24251-24278.	3.3	209
15	Tropical Tropospheric Ozone and Biomass Burning. Science, 2001, 291, 2128-2132.	6.0	202
16	Detection of biomass burning smoke from TOMS measurements. Geophysical Research Letters, 1996, 23, 745-748.	1.5	195
17	Possible perturbations to atmospheric CO, CH₄, and OH. Journal of Geophysical Research, 1986, 91, 10853-10864.	3.3	189
18	Southern Hemisphere Additional Ozonesondes (SHADOZ) 1998â€“2000 tropical ozone climatology 2. Tropospheric variability and the zonal wave-one. Journal of Geophysical Research, 2003, 108, .	3.3	188

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19	Validation of Tropospheric Emission Spectrometer (TES) nadir ozone profiles using ozonesonde measurements. Journal of Geophysical Research, 2008, 113, .	3.3	181
20	The Network for the Detection of Atmospheric Composition Change (NDACC): history, status and perspectives. Atmospheric Chemistry and Physics, 2018, 18, 4935-4964.	1.9	162
21	Alkyl nitrates, nonmethane hydrocarbons, and halocarbon gases over the equatorial Pacific Ocean during SAGA 3. Journal of Geophysical Research, 1993, 98, 16933-16947.	3.3	161
22	Planning, implementation, and scientific goals of the Studies of Emissions and Atmospheric Composition, Clouds and Climate Coupling by Regional Surveys (SEAC⁴RS) field mission. Journal of Geophysical Research D: Atmospheres, 2016, 121, 4967-5009.	1.2	158
23	Estimating the climate significance of halogen-driven ozone loss in the tropical marine troposphere. Atmospheric Chemistry and Physics, 2012, 12, 3939-3949.	1.9	157
24	Effects of heterogeneous processes on NO³, HONO, and HNO³ chemistry in the troposphere. Journal of Geophysical Research, 1983, 88, 10883-10895.	3.3	149
25	Aerosol properties over the Indo-Gangetic Plain: A mesoscale perspective from the TIGERZ experiment. Journal of Geophysical Research, 2011, 116, .	3.3	144
26	Tropospheric ozone change from 1980 to 2010 dominated by equatorward redistribution ofÂemissions. Nature Geoscience, 2016, 9, 875-879.	5.4	140
27	Alaskan and Canadian forest fires exacerbate ozone pollution over Houston, Texas, on 19 and 20 July 2004. Journal of Geophysical Research, 2006, 111, .	3.3	138
28	Free tropospheric ozone production following entrainment of urban plumes into deep convection. Journal of Geophysical Research, 1992, 97, 17985-18000.	3.3	135
29	Model calculations of tropospheric ozone production potential following observed convective events. Journal of Geophysical Research, 1990, 95, 14049-14062.	3.3	134
30	Validation of ozone measurements from the Atmospheric Chemistry Experiment (ACE). Atmospheric Chemistry and Physics, 2009, 9, 287-343.	1.9	134
31	Validation of Aura Microwave Limb Sounder Ozone by ozonesonde and lidar measurements. Journal of Geophysical Research, 2007, 112, .	3.3	133
32	Biomass burning aerosol size distribution and modeled optical properties. Journal of Geophysical Research, 1998, 103, 31879-31891.	3.3	130
33	Fire in the Air: Biomass Burning Impacts in a Changing Climate. Critical Reviews in Environmental Science and Technology, 2013, 43, 40-83.	6.6	125
34	Tropical ozone as an indicator of deep convection. Journal of Geophysical Research, 2002, 107, ACH 13-1.	3.3	119
35	Atmospheric comparison of electrochemical cell ozonesondes from different manufacturers, and with different cathode solution strengths: The Balloon Experiment on Standards for Ozonesondes. Journal of Geophysical Research, 2008, 113, .	3.3	119
36	Trends in global tropospheric ozone inferred from a composite record of TOMS/OMI/MLS/OMPS satellite measurements and the MERRA-2 GMI simulation. Atmospheric Chemistry and Physics, 2019, 19, 3257-3269.	1.9	119

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37	Southern Hemisphere Additional Ozonesondes (SHADOZ) 1998â€“2004 tropical ozone climatology: 3. Instrumentation, station-to-station variability, and evaluation with simulated flight profiles. Journal of Geophysical Research, 2007, 112, .	3.3	115
38	Ozone observations and a model of marine boundary layer photochemistry during SAGA 3. Journal of Geophysical Research, 1993, 98, 16955-16968.	3.3	113
39	A tropical Atlantic Paradox: Shipboard and satellite views of a tropospheric ozone maximum and wave-one in January-February 1999. Geophysical Research Letters, 2000, 27, 3317-3320.	1.5	113
40	Large upper tropospheric ozone enhancements above midlatitude North America during summer: In situ evidence from the IONS and MOZAIC ozone measurement network. Journal of Geophysical Research, 2006, 111, .	3.3	113
41	Interannual variability and trends in tropical ozone derived from SAGE II satellite data and SHADOZ ozonesondes. Journal of Geophysical Research, 2011, 116, .	3.3	109
42	Remote Sensing of Tropospheric Pollution from Space. Bulletin of the American Meteorological Society, 2008, 89, 805-822.	1.7	108
43	Clouds and wet removal as causes of variability in the traceâ€gas composition of the marine troposphere. Journal of Geophysical Research, 1982, 87, 8811-8826.	3.3	105
44	Tropospheric Ozone Assessment Report: Tropospheric ozone from 1877 to 2016, observed levels, trends and uncertainties. Elementa, 2019, 7, .	1.1	103
45	Chemical data assimilation estimates of continental U.S. ozone and nitrogen budgets during the Intercontinental Chemical Transport Experimentâ€“North America. Journal of Geophysical Research, 2007, 112, .	3.3	102
46	Technical Note: Ozonesonde climatology between 1995 and 2011: description, evaluation and applications. Atmospheric Chemistry and Physics, 2012, 12, 7475-7497.	1.9	101
47	Three-dimensional radon 222 calculations using assimilated meteorological data and a convective mixing algorithm. Journal of Geophysical Research, 1996, 101, 6871-6881.	3.3	100
48	Aircraft vertical profiles of trace gas and aerosol pollution over the mid-Atlantic United States: Statistics and meteorological cluster analysis. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	99
49	Effect of chemical kinetics uncertainties on calculated constituents in a tropospheric photochemical model. Journal of Geophysical Research, 1991, 96, 13089-13108.	3.3	98
50	Ozone, hydroperoxides, oxides of nitrogen, and hydrocarbon budgets in the marine boundary layer over the South Atlantic. Journal of Geophysical Research, 1996, 101, 24221-24234.	3.3	98
51	The atmospheric CH4 increase since the Last Glacial Maximum. (1). Source estimates. Tellus, Series B: Chemical and Physical Meteorology, 1993, 45, 228-241.	0.8	96
52	Convective transport over the central United States and its role in regional CO and ozone budgets. Journal of Geophysical Research, 1994, 99, 18703.	3.3	96
53	A trajectoryâ€based estimate of the tropospheric ozone column using the residual method. Journal of Geophysical Research, 2007, 112, .	3.3	93
54	Methane on the greenhouse agenda. Nature, 1991, 354, 181-182.	13.7	92

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55	Ground-based assessment of the bias and long-term stability of 14 limb and occultation ozone profile data records. Atmospheric Measurement Techniques, 2016, 9, 2497-2534.	1.2	92
56	Transport-induced interannual variability of carbon monoxide determined using a chemistry and transport model. Journal of Geophysical Research, 1996, 101, 28655-28669.	3.3	88
57	Estimating the summertime tropospheric ozone distribution over North America through assimilation of observations from the Tropospheric Emission Spectrometer. Journal of Geophysical Research, 2008, 113, .	3.3	87
58	Sensitivity of tropospheric oxidants to global chemical and climate change. Atmospheric Environment, 1989, 23, 519-532.	1.1	86
59	Cloud draft structure and trace gas transport. Journal of Geophysical Research, 1990, 95, 17015-17030.	3.3	84
60	Tropical tropospheric ozone from total ozone mapping spectrometer by a modified residual method. Journal of Geophysical Research, 1998, 103, 22129-22145.	3.3	84
61	The effect of clouds on photolysis rates and ozone formation in the unpolluted troposphere. Journal of Geophysical Research, 1984, 89, 1341-1349.	3.3	82
62	The atmospheric CH₄ increase since the Last Glacial Maximum: (1). Source estimates. Tellus, Series B: Chemical and Physical Meteorology, 2022, 45, 228.	0.8	82
63	Tropical Deep Convection and Ozone Formation. Bulletin of the American Meteorological Society, 1997, 78, 1043-1054.	1.7	82
64	Intercontinental Chemical Transport Experiment Ozonesonde Network Study (IONS) 2004: 1. Summertime upper troposphere/lower stratosphere ozone over northeastern North America. Journal of Geophysical Research, 2007, 112, .	3.3	82
65	Evidence for a recurring eastern North America upper tropospheric ozone maximum during summer. Journal of Geophysical Research, 2007, 112, .	3.3	81
66	Validation of Tropospheric Emission Spectrometer (TES) measurements of the total, stratospheric, and tropospheric column abundance of ozone. Journal of Geophysical Research, 2008, 113, .	3.3	80
67	Tropical tropospheric ozone (TTO) maps from Nimbus 7 and Earth Probe TOMS by the modified-residual method: Evaluation with sondes, ENSO signals, and trends from Atlantic regional time series. Journal of Geophysical Research, 1999, 104, 26961-26975.	3.3	77
68	Intercontinental Chemical Transport Experiment Ozonesonde Network Study (IONS) 2004: 2. Tropospheric ozone budgets and variability over northeastern North America. Journal of Geophysical Research, 2007, 112, .	3.3	77
69	Assimilated ozone from EOSâ€Aura: Evaluation of the tropopause region and tropospheric columns. Journal of Geophysical Research, 2008, 113, .	3.3	75
70	Regional levels of ozone in the troposphere over eastern Mediterranean. Journal of Geophysical Research, 2002, 107, PAU 7-1.	3.3	74
71	First reprocessing of Southern Hemisphere ADditional OZonesondes (SHADOZ) profile records (1998â€“2015): 1. Methodology and evaluation. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6611-6636.	1.2	74
72	TRACE A trajectory intercomparison: 2. Isentropic and kinematic methods. Journal of Geophysical Research, 1996, 101, 23927-23939.	3.3	73

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73	The impact of chemical lateral boundary conditions on CMAQ predictions of tropospheric ozone over the continental United States. Environmental Fluid Mechanics, 2009, 9, 43-58.	0.7	72
74	Airâ€sea fluxes of transient atmospheric species. Journal of Geophysical Research, 1983, 88, 6696-6708.	3.3	71
75	Upper tropospheric ozone production following mesoscale convection during STEP/EMEX. Journal of Geophysical Research, 1993, 98, 8737-8749.	3.3	71
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91	On the derivation of tropospheric column ozone from radiances measured by the total ozone mapping spectrometer. Journal of Geophysical Research, 1995, 100, 11137.	3.3	58
92	Ozone in the Pacific tropical troposphere from ozonesonde observations. Journal of Geophysical Research, 2001, 106, 32503-32525.	3.3	58
93	Validation of northern latitude Tropospheric Emission Spectrometer stare ozone profiles with ARC-IONS sondes during ARCTAS: sensitivity, bias and error analysis. Atmospheric Chemistry and Physics, 2010, 10, 9901-9914.	1.9	58
94	Southern Hemisphere Additional Ozonesondes (SHADOZ) ozone climatology (2005â€“2009): Tropospheric and tropical tropopause layer (TTL) profiles with comparisons to OMIâ€based ozone products. Journal of Geophysical Research, 2012, 117, .	3.3	58
95	Perturbations to tropospheric oxidants, 1985â€“2035: 1. Calculations of ozone and OH in chemically coherent regions. Journal of Geophysical Research, 1990, 95, 9829-9844.	3.3	57
96	SONEX airborne mission and coordinated POLINAT-2 activity: Overview and accomplishments. Geophysical Research Letters, 1999, 26, 3053-3056.	1.5	56
97	Homogenizing and estimating the uncertainty in NOAA's long-term vertical ozone profile records measured with the electrochemical concentration cell ozonesonde. Atmospheric Measurement Techniques, 2018, 11, 3661-3687.	1.2	56
98	Enhanced ozone over western North America from biomass burning in Eurasia during April 2008 as seen in surface and profile observations. Atmospheric Environment, 2010, 44, 4497-4509.	1.9	55
99	Impacts of midlatitude precursor emissions and local photochemistry on ozone abundances in the Arctic. Journal of Geophysical Research, 2012, 117, .	3.3	55
100	The atmospheric CH4 increase since the Last Glacial Maximum. (2). Interactions with oxidants. Tellus, Series B: Chemical and Physical Meteorology, 1993, 45, 242-257.	0.8	54
101	A new method of deriving time-averaged tropospheric column ozone over the tropics using total ozone mapping spectrometer (TOMS) radiances: Intercomparison and analysis using TRACE A data. Journal of Geophysical Research, 1996, 101, 24317-24330.	3.3	54
102	Enhanced view of the â€œtropical Atlantic ozone paradoxâ€•and â€œzonal wave oneâ€•from the in situ MOZAIC and SHADOZ data. Journal of Geophysical Research, 2006, 111, .	3.3	54
103	Effect of marine stratocumulus on TOMS ozone. Journal of Geophysical Research, 1993, 98, 23051-23057.	3.3	53
104	An evaluation of the interaction of morning residual layer and afternoon mixed layer ozone in Houston using ozonesonde data. Atmospheric Environment, 2010, 44, 4024-4034.	1.9	53
105	Validation of 10-year SAO OMI Ozone Profile (PROFOZ) product using ozonesonde observations. Atmospheric Measurement Techniques, 2017, 10, 2455-2475.	1.2	53
106	Photochemical ozone production in tropical squall line convection during NASA Global Tropospheric Experiment/Amazon Boundary Layer Experiment 2A. Journal of Geophysical Research, 1991, 96, 3099-3114.	3.3	52
107	Tropospheric ozone over the North Pacific from ozonesonde observations. Journal of Geophysical Research, 2004, 109, .	3.3	52
108	Analysis of the Summer 2004 ozone budget over the United States using Intercontinental Transport Experiment Ozonesonde Network Study (IONS) observations and Model of Ozone and Related Tracers (MOZARTâ€4) simulations. Journal of Geophysical Research, 2008, 113, .	3.3	51

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109	Balance of Emission and Dynamical Controls on Ozone During the Koreaâ€United States Air Quality Campaign From Multiconstituent Satellite Data Assimilation. Journal of Geophysical Research D: Atmospheres, 2019, 124, 387-413.	1.2	51
110	COVIDâ€19 Crisis Reduces Free Tropospheric Ozone Across the Northern Hemisphere. Geophysical Research Letters, 2021, 48, e2020GL091987.	1.5	51
111	Atmospheric CH4, CO and OH from 1860 to 1985. Nature, 1986, 321, 148-150.	13.7	50
112	Origins of chemical pollution derived from Mid-Atlantic aircraft profiles using a clustering technique. Atmospheric Environment, 2008, 42, 1727-1741.	1.9	50
113	Tropical convective outflow and near surface equivalent potential temperatures. Geophysical Research Letters, 2000, 27, 2549-2552.	1.5	49
114	Impact of the assimilation of ozone from the Tropospheric Emission Spectrometer on surface ozone across North America. Geophysical Research Letters, 2009, 36, .	1.5	49
115	Bay breeze influence on surface ozone at Edgewood, MD during July 2011. Journal of Atmospheric Chemistry, 2015, 72, 335-353.	1.4	49
116	Frequency and impact of summertime stratospheric intrusions over Maryland during DISCOVERâ€AQ (2011): New evidence from NASA's GEOSâ€5 simulations. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3687-3706.	1.2	49
117	Biomass Burning in the Global Environment: First Results from the IGAC/BIBEX Field Campaign STARE/TRACE-A/SAFARI-92. , 1994, , 83-101.		49
118	Trans-Pacific transport of reactive nitrogen and ozone to Canada during spring. Atmospheric Chemistry and Physics, 2010, 10, 8353-8372.	1.9	48
119	Vertical ozone distribution over southern Africa and adjacent oceans during SAFARI-92. Journal of Geophysical Research, 1996, 101, 23823-23833.	3.3	47
120	Smart balloon observations over the North Atlantic: O3 data analysis and modeling. Journal of Geophysical Research, 2006, 111, .	3.3	47
121	Surface ozone at a coastal suburban site in 2009 and 2010: Relationships to chemical and meteorological processes. Journal of Geophysical Research, 2012, 117, .	3.3	47
122	First Reprocessing of Southern Hemisphere ADditional OZonesondes Profile Records: 3. Uncertainty in Ozone Profile and Total Column. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3243-3268.	1.2	46
123	Lidar measurements during Aerosols99. Journal of Geophysical Research, 2001, 106, 20821-20831.	3.3	45
124	Impacts of background ozone production on Houston and Dallas, Texas, air quality during the Second Texas Air Quality Study field mission. Journal of Geophysical Research, 2009, 114, .	3.3	45
125	QBO and ENSO variability in temperature and ozone from SHADOZ, 1998â€“2005. Journal of Geophysical Research, 2010, 115, .	3.3	45
126	Nitric oxide in the equatorial Pacific boundary layer: SAGA 3 measurements. Journal of Geophysical Research, 1993, 98, 16949-16954.	3.3	43

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127	Retrievals of tropospheric ozone profiles from the synergism of AIRS and OMI: methodology and validation. Atmospheric Measurement Techniques, 2018, 11, 5587-5605.	1.2	43
128	An Intercomparison of Isentropic Trajectories over the South Atlantic. Monthly Weather Review, 1994, 122, 864-879.	0.5	42
129	Correlation between smoke and tropospheric ozone concentration in CuiabÃ¡ during Smoke, Clouds, and Radiation-Brazil (SCAR-B). Journal of Geophysical Research, 1999, 104, 12113-12129.	3.3	42
130	Characteristics of tropospheric ozone depletion events in the Arctic spring: analysis of the ARCTAS, ARCPAC, and ARCIONS measurements and satellite BrO observations. Atmospheric Chemistry and Physics, 2012, 12, 9909-9922.	1.9	42
131	Trace gas transport and scavenging in PEM-Tropics B South Pacific Convergence Zone convection. Journal of Geophysical Research, 2001, 106, 32591-32607.	3.3	41
132	Tropospheric ozone climatology over Irene, South Africa, from 1990 to 1994 and 1998 to 2002. Journal of Geophysical Research, 2004, 109, .	3.3	41
133	The Ozone Waterâ€“Land Environmental Transition Study: An Innovative Strategy for Understanding Chesapeake Bay Pollution Events. Bulletin of the American Meteorological Society, 2019, 100, 291-306.	1.7	41
134	Mean profiles of trace reactive species in the unpolluted marine surface layer. Journal of Geophysical Research, 1984, 89, 4788-4796.	3.3	40
135	TRACE A trajectory intercomparison: 1. Effects of different input analyses. Journal of Geophysical Research, 1996, 101, 23909-23925.	3.3	40
136	Comparison of Canadian air quality forecast models with tropospheric ozone profile measurements above midlatitude North America during the IONS/ICARTT campaign: Evidence for stratospheric input. Journal of Geophysical Research, 2007, 112, .	3.3	40
137	Lightning NO_x emissions over the USA constrained by TES ozone observations and the GEOS-Chem model. Atmospheric Chemistry and Physics, 2010, 10, 107-119.	1.9	40
138	Methane reductions: Implications for global warming and atmospheric chemical change. Atmospheric Environment Part A General Topics, 1992, 26, 2665-2668.	1.3	39
139	Estimating surface NO2 and SO2 mixing ratios from fast-response total column observations and potential application to geostationary missions. Journal of Atmospheric Chemistry, 2015, 72, 261-286.	1.4	39
140	CAMx ozone source attribution in the eastern United States using guidance from observations during DISCOVERâ€AQ Maryland. Geophysical Research Letters, 2016, 43, 2249-2258.	1.5	39
141	The effect of entrainment through atmospheric boundary layer growth on observed and modeled surface ozone in the Colorado Front Range. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6075-6093.	1.2	39
142	Zonal asymmetries in southern hemisphere column ozone: Implications of biomass burning. Journal of Geophysical Research, 1996, 101, 14421-14427.	3.3	38
143	A regional estimate of convective transport of CO from biomass burning. Geophysical Research Letters, 1992, 19, 289-292.	1.5	37
144	Ozone nighttime recovery in the marine boundary layer: Measurement and simulation of the ozone diurnal cycle at Reunion Island. Journal of Geophysical Research, 1998, 103, 3463-3473.	3.3	37

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145	Model calculations of the impact of NOxfrom air traffic, lightning, and surface emissions, compared with measurements. Journal of Geophysical Research, 2000, 105, 3833-3850.	3.3	37
146	Measurements of nitrogen oxides at the tropopause: Attribution to convection and correlation with lightning. Journal of Geophysical Research, 2000, 105, 3679-3700.	3.3	37
147	Sensitivity of tropospheric hydrogen peroxide to global chemical and climate change. Geophysical Research Letters, 1989, 16, 53-56.	1.5	36
148	Two approaches to determining the seaâ€toâ€air flux of dimethyl sulfide: Satellite ocean color and a photochemical model with atmospheric measurements. Journal of Geophysical Research, 1990, 95, 20551-20558.	3.3	36
149	Highâ€resolution tropospheric ozone fields for INTEX and ARCTAS from IONS ozonesondes. Journal of Geophysical Research, 2010, 115, .	3.3	35
150	Groundâ€based High Spectral Resolution Lidar observation of aerosol vertical distribution in the summertime Southeast United States. Journal of Geophysical Research D: Atmospheres, 2017, 122, 2970-3004.	1.2	35
151	Evaluating high-resolution forecasts of atmospheric CO and CO₂ from a global prediction system during KORUS-AQ field campaign. Atmospheric Chemistry and Physics, 2018, 18, 11007-11030.	1.9	35
152	Observations of convective and dynamical instabilities in tropopause folds and their contribution to stratosphere-troposphere exchange. Journal of Geophysical Research, 1999, 104, 21549-21568.	3.3	34
153	Quantifying the contribution of thermally driven recirculation to a high-ozone event along the Colorado Front Range using lidar. Journal of Geophysical Research D: Atmospheres, 2016, 121, 10,377-10,390.	1.2	34
154	Quantifying stratosphere-troposphere transport of ozone using balloon-borne ozonesondes, radar windprofilers and trajectory models. Atmospheric Environment, 2019, 198, 496-509.	1.9	34
155	An elevated reservoir of air pollutants over the Mid-Atlantic States during the 2011 DISCOVER-AQ campaign: Airborne measurements and numerical simulations. Atmospheric Environment, 2014, 85, 18-30.	1.9	33
156	Characterizing the lifetime and occurrence of stratosphericâ€tropospheric exchange events in the rocky mountain region using highâ€resolution ozone measurements. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12410-12424.	1.2	33
157	A pervasive role for biomass burning in tropical high ozone/low water structures. Nature Communications, 2016, 7, 10267.	5.8	33
158	Surface ozone in the Colorado northern Front Range and the influence of oil and gas development during FRAPPE/DISCOVER-AQ in summer 2014. Elementa, 2017, 5, .	1.1	33
159	Evidence of convection as a major source of condensation nuclei in the northern midlatitude upper troposphere. Geophysical Research Letters, 2000, 27, 369-372.	1.5	32
160	The atmospheric CH₄ increase since the Last Glacial Maximum: (2) Interactions with oxidants. Tellus, Series B: Chemical and Physical Meteorology, 2022, 45, 242.	0.8	31
161	Initial validation of ozone measurements from the High Resolution Dynamics Limb Sounder. Journal of Geophysical Research, 2008, 113, .	3.3	31
162	The Quasi-biennial Oscillation and annual variations in tropical ozone from SHADOZ and HALOE. Atmospheric Chemistry and Physics, 2008, 8, 3929-3936.	1.9	31

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163	The variability of free tropospheric ozone over Beltsville, Maryland (39N, 77W) in the summers 2004â€“2007. Atmospheric Environment, 2009, 43, 1827-1838.	1.9	31
164	Convective distribution of tropospheric ozone and tracers in the Central American ITCZ region: Evidence from observations during TC4. Journal of Geophysical Research, 2010, 115, .	3.3	31
165	Global-scale distribution of ozone in the remote troposphere from the ATom and HIPPO airborne field missions. Atmospheric Chemistry and Physics, 2020, 20, 10611-10635.	1.9	31
166	Perspectives on NO, NOy, and fine aerosol sources and variability during SONEX. Geophysical Research Letters, 1999, 26, 3073-3076.	1.5	30
167	Convective lofting links Indian Ocean air pollution to paradoxical South Atlantic ozone maxima. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	30
168	The observation of nitric acid-containing particles in the tropical lower stratosphere. Atmospheric Chemistry and Physics, 2006, 6, 601-611.	1.9	30
169	Convective and wave signatures in ozone profiles over the equatorial Americas: Views from TC4 2007 and SHADOZ. Journal of Geophysical Research, 2010, 115, .	3.3	30
170	Improving ECC Ozonesonde Data Quality: Assessment of Current Methods and Outstanding Issues. Earth and Space Science, 2021, 8, e2019EA000914.	1.1	30
171	Wet and dry removal of tropospheric formaldehyde at a coastal site. Tellus, 2022, 32, 376.	0.4	29
172	SHADOZâ€”A TROPICAL OZONESONDEâ€“RADIOSONDE NETWORK FOR THE ATMOSPHERIC COMMUNITY. Bulletin of the American Meteorological Society, 2004, 85, 1549-1564.	1.7	29
173	Gravity and Rossby wave signatures in the tropical troposphere and lower stratosphere based on Southern Hemisphere Additional Ozonesondes (SHADOZ), 1998â€“2007. Journal of Geophysical Research, 2011, 116, .	3.3	29
174	Propagation of radiosonde pressure sensor errors to ozonesonde measurements. Atmospheric Measurement Techniques, 2014, 7, 65-79.	1.2	29
175	Physically based inversion of surface snow concentrations of H2O2to atmospheric concentrations at South Pole. Geophysical Research Letters, 1997, 24, 441-444.	1.5	28
176	Classification of Ascension Island and Natal ozonesondes using selfâ€•organizing maps. Journal of Geophysical Research, 2012, 117, .	3.3	28
177	Regional and Seasonal Trends in Tropical Ozone From SHADOZ Profiles: Reference for Models and Satellite Products. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034691.	1.2	28
178	Effects of local meteorology and aerosols on ozone and nitrogen dioxide retrievals from OMI and pandora spectrometers in Maryland, USA during DISCOVER-AQ 2011. Journal of Atmospheric Chemistry, 2015, 72, 455-482.	1.4	27
179	Impact of aircraft emissions on reactive nitrogen over the North Atlantic Flight Corridor region. Journal of Geophysical Research, 2000, 105, 3665-3677.	3.3	26
180	Tropospheric ozonesonde profiles at longâ€•term U.S. monitoring sites: 1. A climatology based on selfâ€•organizing maps. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1320-1339.	1.2	26

#	Article	IF	Citations
181	Seasonal influences on surface ozone variability in continental South Africa and implications for air quality. Atmospheric Chemistry and Physics, 2018, 18, 15491-15514.	1.9	26
182	Wet and dry removal of tropospheric formaldehyde at a coastal site. Tellus, 1980, 32, 376-383.	0.4	25
183	Chemistry-transport modeling of the satellite observed distribution of tropical troposheric ozone. Atmospheric Chemistry and Physics, 2002, 2, 103-120.	1.9	25
184	Mesoscale model simulations of TRACE A and preliminary regional experiment for storm-scale operational and research meteorology convective systems and associated tracer transport. Journal of Geophysical Research, 1996, 101, 24013-24027.	3.3	24
185	Classification of tropospheric ozone profiles over Johannesburg based on mozaic aircraft data. Atmospheric Chemistry and Physics, 2003, 3, 713-723.	1.9	24
186	Designing the Climate Observing System of the Future. Earth's Future, 2018, 6, 80-102.	2.4	24
187	Validation of SAGE III/ISS Solar Occultation Ozone Products With Correlative Satellite and Groundâ€Based Measurements. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032430.	1.2	24
188	Measuring and Modeling the Tropospheric Hydroxyl Radical (OH). Journals of the Atmospheric Sciences, 1995, 52, 3315-3327.	0.6	23
189	Comparison of water vapor measurements by airborne Sun photometer and near-coincident in situ and satellite sensors during INTEX/ITCT 2004. Journal of Geophysical Research, 2007, 112, .	3.3	23
190	Ozonesonde Quality Assurance: The JOSIEâ€“SHADOZ (2017) Experience. Bulletin of the American Meteorological Society, 2019, 100, 155-171.	1.7	23
191	Effect of an improved cloud climatology on the total ozone mapping spectrometer total ozone retrieval. Journal of Geophysical Research, 1997, 102, 4247-4255.	3.3	22
192	Introduction to special section: Subsonic Assessment Ozone and Nitrogen Oxide Experiment (SONEX) and Pollution From Aircraft Emissions in the North Atlantic Flight Corridor (POLINAT 2). Journal of Geophysical Research, 2000, 105, 3595-3603.	3.3	22
193	Modeling ozone plumes observed downwind of New York City over the North Atlantic Ocean during the ICARTT field campaign. Atmospheric Chemistry and Physics, 2011, 11, 7375-7397.	1.9	22
194	Bay breeze climatology at two sites along the Chesapeake bay from 1986â€“2010: Implications for surface ozone. Journal of Atmospheric Chemistry, 2015, 72, 355-372.	1.4	22
195	Using Observations and Sourceâ€Specific Model Tracers to Characterize Pollutant Transport During FRAPPÃ‰ and DISCOVERâ€AQ. Journal of Geophysical Research D: Atmospheres, 2017, 122, 10510-10538.	1.2	22
196	Processes controlling dimethylsulfide over the ocean: Case studies using a 3-D model driven by assimilated meteorological fields. Journal of Geophysical Research, 1998, 103, 8341-8353.	3.3	21
197	Surface ozone variability and trends over the South African Highveld from 1990 to 2007. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4323-4342.	1.2	21
198	Characterizing Global Ozonesonde Profile Variability From Surface to the UT/LS With a Clustering Technique and MERRAâ€2 Reanalysis. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6213-6229.	1.2	21

#	Article	IF	Citations
199	Comparison of Nearâ€Surface NO₂ Pollution With Pandora Total Column NO₂ During the Koreaâ€United States Ocean Color (KORUS OC) Campaign. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13560-13575.	1.2	21
200	Kinetic data imprecisions in photochemical rate calculations: Means, medians, and temperature dependence. Journal of Geophysical Research, 1996, 101, 20953-20964.	3.3	20
201	Linking horizontal and vertical transports of biomass fire emissions to the Tropical Atlantic Ozone Paradox during the Northern Hemisphere winter season: 1999. Journal of Geophysical Research, 2003, 108, .	3.3	20
202	Ozone profiles in the Baltimore-Washington region (2006â€“2011): satellite comparisons and DISCOVER-AQ observations. Journal of Atmospheric Chemistry, 2015, 72, 393-422.	1.4	20
203	Formaldehyde column density measurements as a suitable pathway to estimate nearâ€surface ozone tendencies from space. Journal of Geophysical Research D: Atmospheres, 2016, 121, 13088-13112.	1.2	19
204	A Postâ€2013 Dropoff in Total Ozone at a Third of Global Ozonesonde Stations: Electrochemical Concentration Cell Instrument Artifacts?. Geophysical Research Letters, 2020, 47, e2019GL086791.	1.5	19
205	Third Sovietâ€American Gases and Aerosols (SAGA 3) experiment: Overview and meteorological and oceanographic conditions. Journal of Geophysical Research, 1993, 98, 16893-16908.	3.3	17
206	Tropopause Characteristics and Variability from 11 yr of SHADOZ Observations in the Southern Tropics and Subtropics. Journal of Applied Meteorology and Climatology, 2011, 50, 1403-1416.	0.6	17
207	Tropospheric ozonesonde profiles at longâ€term U.S. monitoring sites: 2. Links between Trinidad Head, CA, profile clusters and inland surface ozone measurements. Journal of Geophysical Research D: Atmospheres, 2017, 122, 1261-1280.	1.2	17
208	New ozone hole phenomenon. Nature, 1991, 352, 282-283.	13.7	16
209	Atmospheric transport and photochemistry of ozone over central Southern Africa during the Southern Africa Fire-Atmosphere Research Initiative. Journal of Geophysical Research, 1997, 102, 10623-10635.	3.3	16
210	Lusaka, Zambia, during SAFARI-2000: Convergence of local and imported ozone pollution. Geophysical Research Letters, 2002, 29, 37-1-37-4.	1.5	16
211	On the hiatus in the acceleration of tropical upwelling since the beginning of the 21st century. Atmospheric Chemistry and Physics, 2014, 14, 12803-12814.	1.9	16
212	OMI Satellite and Groundâ€Based Pandora Observations and Their Application to Surface NO₂ Estimations at Terrestrial and Marine Sites. Journal of Geophysical Research D: Atmospheres, 2018, 123, 1441-1459.	1.2	16
213	Perturbations to tropospheric oxidants, 1985â€“2035: 2. Calculations of hydrogen peroxide in chemically coherent regions. Atmospheric Environment Part A General Topics, 1991, 25, 1837-1850.	1.3	15
214	Vertical transport by convective clouds: Comparisons of three modeling approaches. Geophysical Research Letters, 1995, 22, 1089-1092.	1.5	15
215	Sources of reactive nitrogen in the upper troposphere during SONEX. Geophysical Research Letters, 1999, 26, 2441-2444.	1.5	15
216	An intercomparison of tropospheric ozone retrievals derived from two Aura instruments and measurements in western North America in 2006. Journal of Geophysical Research, 2011, 116, .	3.3	15

#	Article	IF	Citations
217	Spatial and temporal variability of ground and satellite column measurements of NO₂ and O₃ over the Atlantic Ocean during the Deposition of Atmospheric Nitrogen to Coastal Ecosystems Experiment. Journal of Geophysical Research D: Atmospheres, 2016, 121, 14,175.	1.2	15
218	Origins of tropospheric ozone interannual variation over RÃ©union: A model investigation. Journal of Geophysical Research D: Atmospheres, 2016, 121, 521-537.	1.2	15
219	A new method to correct the electrochemical concentration cell (ECC) ozonesonde time response and its implications for â€œbackground currentâ€•and pump efficiency. Atmospheric Measurement Techniques, 2020, 13, 5667-5680.	1.2	15
220	Ensemble statistical post-processing of the National Air Quality Forecast Capability: Enhancing ozone forecasts in Baltimore, Maryland. Atmospheric Environment, 2013, 81, 517-522.	1.9	14
221	The Effects of a 1998 Observing System Change on MERRAâ€2â€Based Ozone Profile Simulations. Journal of Geophysical Research D: Atmospheres, 2019, 124, 7429.	1.2	14
222	TROPOMI tropospheric ozone column data: geophysical assessment and comparison to ozonesondes, GOME-2B and OMI. Atmospheric Measurement Techniques, 2021, 14, 7405-7433.	1.2	14
223	Atmospheric chemical transport based on high-resolution model-derived winds: A case study. Journal of Geophysical Research, 2000, 105, 3807-3820.	3.3	13
224	Mechanisms for the intraseasonal variability of tropospheric ozone over the Indian Ocean during the winter monsoon. Journal of Geophysical Research, 2007, 112, .	3.3	13
225	Evaluation of Stratospheric Intrusions and Biomass Burning Plumes on the Vertical Distribution of Tropospheric Ozone Over the Midwestern United States. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032454.	1.2	13
226	Predicting phytoplankton composition from spaceâ€”Using the ratio of euphotic depth to mixed-layer depth: An evaluation. Remote Sensing of Environment, 1995, 53, 172-176.	4.6	12
227	Remote sensing of carbon monoxide over the continental United States on September 12-13, 1993. Journal of Geophysical Research, 1997, 102, 10695-10709.	3.3	12
228	Observations of ozone production in a dissipating tropical convective cell during TC4. Atmospheric Chemistry and Physics, 2010, 10, 11189-11208.	1.9	12
229	Ozone correlations between mid-tropospheric partial columns and the near-surface at two mid-atlantic sites during the DISCOVER-AQ campaign in July 2011. Journal of Atmospheric Chemistry, 2015, 72, 373-391.	1.4	12
230	Nonmethane hydrocarbon measurements in the North Atlantic Flight Corridor during the Subsonic Assessment Ozone and Nitrogen Oxide Experiment. Journal of Geophysical Research, 2000, 105, 3785-3793.	3.3	11
231	A study of tropospheric ozone column enhancements over North America using satellite data and a global chemical transport model. Journal of Geophysical Research, 2010, 115, .	3.3	11
232	One year ozonesonde measurements at Kerguelen Island (49.2Â°S, 70.1Â°E): Influence of stratosphereâ€toâ€troposphere exchange and longâ€range transport of biomass burning plumes. Journal of Geophysical Research, 2012, 117, .	3.3	11
233	A Monte Carlo study of upper tropospheric reactive nitrogen during the Pacific Exploratory Mission in the Western Pacific Ocean (PEM-West B). Journal of Geophysical Research, 1997, 102, 28437-28446.	3.3	10
234	A comprehensive evaluation of seasonal simulations of ozone in the northeastern US during summers of 2001â€“2005. Atmospheric Chemistry and Physics, 2010, 10, 9-27.	1.9	10

#	Article	IF	Citations
235	The Value of Air Quality Forecasting in the Mid-Atlantic Region. Weather, Climate, and Society, 2012, 4, 69-79.	0.5	10
236	Analysis of the latitudinal variability of tropospheric ozone in the Arctic using the large number of aircraft and ozonesonde observations in early summer 2008. Atmospheric Chemistry and Physics, 2016, 16, 13341-13358.	1.9	10
237	Probabilistic Forecasting of Surface Ozone with a Novel Statistical Approach. Journal of Applied Meteorology and Climatology, 2017, 56, 297-316.	0.6	10
238	Photochemical Modeling of Chemical Cycles: Issues Related to the Interpretation of Ice Core Data. , 1995, , 265-297.		10
239	Impact of aircraft emissions on NOxin the lowermost stratosphere at northern midlatitudes. Geophysical Research Letters, 1999, 26, 3065-3068.	1.5	9
240	Investigation of the short-time variability of tropical tropospheric ozone. Annales Geophysicae, 2003, 21, 2095-2106.	0.6	9
241	Lowâ€ozone bubbles observed in the tropical tropopause layer during the TC4 campaign in 2007. Journal of Geophysical Research, 2010, 115, .	3.3	9
242	Signature of a tropical Pacific cyclone in the composition of the upper troposphere over Socorro, NM. Geophysical Research Letters, 2015, 42, 9530-9537.	1.5	9
243	The first twenty years (1994â€“2014) of ozone soundings from Rapa Nui (27Â°S, 109Â°W, 51m a.s.l.). Tellus, Series B: Chemical and Physical Meteorology, 2022, 68, 29484.	0.8	9
244	Ozone production by corona discharges during a convective event in DISCOVER-AQ Houston. Atmospheric Environment, 2017, 161, 13-17.	1.9	9
245	Ozone Variability and Anomalies Observed During SENEX and SEAC⁴RS Campaigns in 2013. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11227-11241.	1.2	9
246	Harmonisation and trends of 20-year tropical tropospheric ozone data. Atmospheric Chemistry and Physics, 2018, 18, 9189-9205.	1.9	9
247	The NASA Wallops Flight Facility Digital Ozonesonde Record: Reprocessing, Uncertainties, and Dual Launches. Journal of Geophysical Research D: Atmospheres, 2019, 124, 3565-3582.	1.2	9
248	Boundary layer ozone in the Northern Colorado Front Range in Julyâ€“August 2014 during FRAPPE and DISCOVER-AQ from vertical profile measurements. Elementa, 2019, 7, .	1.1	9
249	Ozone profile retrieval from nadir TROPOMI measurements in the UV range. Atmospheric Measurement Techniques, 2021, 14, 6057-6082.	1.2	9
250	Ground-based assessment of the bias and long-term stability of fourteen limb and occultation ozone profile data records. , 2016, 9, 2497-2534.		9
251	Impact of biomass burning and stratospheric intrusions in the remote South Pacific Ocean troposphere. Atmospheric Chemistry and Physics, 2022, 22, 4075-4099.	1.9	9
252	Tropospheric ozone over a tropical Atlantic station in the Northern Hemisphere: Paramaribo, Surinam (6oN, 55oW). Tellus, Series B: Chemical and Physical Meteorology, 2004, 56, 21-34.	0.8	8

#	Article	IF	Citations
253	Simulations of Infrared Radiances over a Deep Convective Cloud System Observed during TC4: Potential for Enhancing Nocturnal Ice Cloud Retrievals. Remote Sensing, 2012, 4, 3022-3054.	1.8	8
254	Estimating wildfire-generated ozone over North America using ozonesonde profiles and a differential back trajectory technique. Atmospheric Environment: X, 2020, 7, 100078.	0.8	8
255	Kinetic analysis of the photochemistry of alkyldiazenes in hydrocarbon solution. The quasi-steady state. The Journal of Physical Chemistry, 1979, 83, 314-320.	2.9	7
256	Comparison of parameterized nitric acid rainout rates using a coupled stochasticâ€photochemical tropospheric model. Journal of Geophysical Research, 1989, 94, 5219-5226.	3.3	7
257	Reactivity and temporal variability of volatile organic compounds in the Baltimore/DC region in July 2011. Journal of Atmospheric Chemistry, 2015, 72, 197-213.	1.4	7
258	Taehwa Research Forest: a receptor site for severe domestic pollution events in Korea during 2016. Atmospheric Chemistry and Physics, 2019, 19, 5051-5067.	1.9	7
259	Comprehensive evaluations of diurnal NO₂ measurements during DISCOVER-AQ 2011: effects of resolution-dependent representation of NO_{<i>x</i>} emissions. Atmospheric Chemistry and Physics, 2021, 21, 11133-11160.	1.9	7
260	Combined UV and IR ozone profile retrieval from TROPOMI and CrIS measurements. Atmospheric Measurement Techniques, 2022, 15, 2955-2978.	1.2	7
261	Mesoscale numerical investigations of air traffic emissions over the North Atlantic during SONEX flight 8: A case study. Journal of Geophysical Research, 2000, 105, 3821-3832.	3.3	6
262	Tropospheric ozone over a tropical Atlantic station in the Northern Hemisphere: Paramaribo, Surinam (6Â¼N, 55Â¼W). Tellus, Series B: Chemical and Physical Meteorology, 2004, 56, 21-34.	0.8	6
263	Effects of Atmospheric Chemical and Climate Change on Tropospheric Ozone. Ozone: Science and Engineering, 1990, 12, 177-194.	1.4	5
264	Aspects of Modeling the Tropospheric Hydroxyl Radical Concentration. Israel Journal of Chemistry, 1994, 34, 277-288.	1.0	5
265	Biomass burning and the atmosphereâ€"accomplishments and research opportunities. Atmospheric Environment, 1996, 30, i-ii.	1.9	5
266	Statistical analysis of factors driving surface ozone variability over continental South Africa. Journal of Integrative Environmental Sciences, 2020, 17, 1-28.	1.0	5
267	How chemical kinetics uncertainties affect concentrations computed in an atmospheric photochemical model. Chemometrics and Intelligent Laboratory Systems, 1991, 10, 69-79.	1.8	4
268	A multi-sensor upper tropospheric ozone product (MUTOP) based on TES ozone and GOES water vapor: validation with ozonesondes. Atmospheric Chemistry and Physics, 2012, 12, 5661-5676.	1.9	4
269	Evaluation of NAQFC model performance in forecasting surface ozone during the 2011 DISCOVER-AQ campaign. Journal of Atmospheric Chemistry, 2015, 72, 483-501.	1.4	4
270	Atmospheric residence times for soluble species: Differences in numerical and analytical model results. Atmospheric Environment Part A General Topics, 1990, 24, 519-524.	1.3	3

#	Article	IF	Citations
271	Potential ozone production following convective transport based on future emission scenarios. Atmospheric Environment, 1996, 30, 667-672.	1.9	3
272	Impact of Aerosols From Urban and Shipping Emission Sources on Terrestrial Carbon Uptake and Evapotranspiration: A Case Study in East Asia. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD030818.	1.2	3
273	Modeling Framework For Atmospheric Trace Gas Measurements at the Air-Snow Interface. , 1996, , 225-248.		2
274	Modelling the response of tropospheric trace species to changing source gas concentrations. Atmospheric Environment Part A General Topics, 1992, 26, 195-196.	1.3	1
275	Strategies for observing and modeling pollution. Eos, 2002, 83, 575.	0.1	1
276	Environment Canada cuts threaten the future of science and international agreements. Eos, 2012, 93, 69-69.	0.1	1
277	Atmospheric chemistry over southern Africa. Eos, 2012, 93, 110-110.	0.1	1
278	The Current and Future Environmental Role of Atmospheric Methane: Model Studies and Uncertainties. , 1993, , 514-531.		1
279	Ozone from Soundings: A Vital Element of Regional and Global Measurement Strategies. , 0, , 131-142.		1
280	Tropospheric ozone from space: tracking pollution with the TOMS (Total Ozone Mapping) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td		0
281	Lidar measurements of tropospheric ozone over Reunion Island: influence of the synoptic situations. , 0, , .		0
282	An Overview of Strategic Ozone Sounding Networks: Insights into Ozone Budgets, UT/LS Processes and Tropical Climate Signatures. , 2009, , 237-249.		0
283	Cause of a Lowerâ€Tropospheric Highâ€Ozone Layer in Spring Over Hanoi. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	0