

Anne M Thompson

List of Publications by Year in descending order

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269
papers

18,277
citations

12230

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113
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376
docs citations

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times ranked

9249
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights from the Jülich Ozone Sonde Intercomparison Experiment: calibration functions traceable to one ozone reference instrument. <i>Atmospheric Measurement Techniques</i> , 2024, 17, 73-112.	3.1	1
2	Satellite NO ₂ Trends and Hotspots Over Offshore Oil and Gas Operations in the Gulf of Mexico. <i>Earth and Space Science</i> , 2024, 11, .	2.6	0
3	Tropospheric ozone column dataset from OMPS-LP/OMPS-NM limb nadir matching. <i>Atmospheric Measurement Techniques</i> , 2024, 17, 1791-1809.	3.1	1
4	Tropical tropospheric ozone distribution and trends from in situ and satellite data. <i>Atmospheric Chemistry and Physics</i> , 2024, 24, 9975-10000.	4.9	0
5	Two Air Quality Regimes in Total Column NO ₂ Over the Gulf of Mexico in May 2019: Shipboard and Satellite Views. <i>Earth and Space Science</i> , 2023, 10, .	2.6	2
6	Surf, Turf, and Above the Earth: Unmet Needs for Coastal Air Quality Science in the Planetary Boundary Layer (PBL). <i>Earth's Future</i> , 2023, 11, .	6.2	2
7	Flood Impacts on Net Ecosystem Exchange in the Midwestern and Southern United States in 2019. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	3.3	1
8	Wet and dry removal of tropospheric formaldehyde at a coastal site. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 32, 376.	1.2	29
9	The atmospheric CH ₄ increase since the Last Glacial Maximum: (1). Source estimates. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 45, 228.	1.6	101
10	The atmospheric CH ₄ increase since the Last Glacial Maximum: (2) Interactions with oxidants. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 45, 242.	1.6	31
11	The first twenty years (1994–2014) of ozone soundings from Rapa Nui (27°S, 109°W, 51m a.s.l.). <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 68, 29484.	1.6	9
12	Impact of biomass burning and stratospheric intrusions in the remote South Pacific Ocean troposphere. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4075-4099.	4.9	14
13	Combined UV and IR ozone profile retrieval from TROPOMI and CrIS measurements. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 2955-2978.	3.1	14
14	Cause of a Lower-Tropospheric High-Ozone Layer in Spring Over Hanoi. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	1
15	An Examination of the Recent Stability of Ozone Global Network Data. <i>Earth and Space Science</i> , 2022, 9, .	2.6	8
16	Comment on "Observation of large and all-season ozone losses over the tropics" [AIP Adv. 12, 075006 (2022)]. <i>AIP Advances</i> , 2022, 12, .	1.3	1
17	COVID-19 Crisis Reduces Free Tropospheric Ozone Across the Northern Hemisphere. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091987.	3.9	53
18	Improving ECC Ozone Data Quality: Assessment of Current Methods and Outstanding Issues. <i>Earth and Space Science</i> , 2021, 8, e2019EA000914.	2.6	35

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19	Comprehensive evaluations of diurnal NO ₂ measurements during DISCOVER-AQ 2011: effects of resolution-dependent representation of NO ₂ emissions. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11133-11160.	4.9	11
20	Ozone profile retrieval from nadir TROPOMI measurements in the UV range. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6057-6082.	3.1	14
21	Regional and Seasonal Trends in Tropical Ozone From SHADOZ Profiles: Reference for Models and Satellite Products. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034691.	3.3	33
22	TROPOMI tropospheric ozone column data: geophysical assessment and comparison to ozonesondes, GOME-2B and OMI. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 7405-7433.	3.1	19
23	Impact of Aerosols From Urban and Shipping Emission Sources on Terrestrial Carbon Uptake and Evapotranspiration: A Case Study in East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030818.	3.3	4
24	Evaluation of Stratospheric Intrusions and Biomass Burning Plumes on the Vertical Distribution of Tropospheric Ozone Over the Midwestern United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032454.	3.3	15
25	Estimating wildfire-generated ozone over North America using ozonesonde profiles and a differential back trajectory technique. <i>Atmospheric Environment: X</i> , 2020, 7, 100078.	1.5	8
26	Statistical analysis of factors driving surface ozone variability over continental South Africa. <i>Journal of Integrative Environmental Sciences</i> , 2020, 17, 1-28.	2.5	6
27	Validation of SAGE III/ISS Solar Occultation Ozone Products With Correlative Satellite and Ground-Based Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032430.	3.3	28
28	A Post-2013 Dropoff in Total Ozone at a Third of Global Ozonesonde Stations: Electrochemical Concentration Cell Instrument Artifacts?. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086791.	3.9	22
29	Global-scale distribution of ozone in the remote troposphere from the ATom and HIPPO airborne field missions. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10611-10635.	4.9	32
30	A new method to correct the electrochemical concentration cell (ECC) ozonesonde time response and its implications for background current and pump efficiency. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 5667-5680.	3.1	15
31	The Effects of a 1998 Observing System Change on MERRA-2 Based Ozone Profile Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7429.	3.3	15
32	Taehwa Research Forest: a receptor site for severe domestic pollution events in Korea during 2016. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5051-5067.	4.9	7
33	Trends in global tropospheric ozone inferred from a composite record of TOMS/OMI/MLS/OMPS satellite measurements and the MERRA-2 GMI simulation. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3257-3269.	4.9	133
34	The NASA Wallops Flight Facility Digital Ozonesonde Record: Reprocessing, Uncertainties, and Dual Launches. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3565-3582.	3.3	10
35	Boundary layer ozone in the Northern Colorado Front Range in July–August 2014 during FRAPPE and DISCOVER-AQ from vertical profile measurements. <i>Elementa</i> , 2019, 7, .	3.2	10
36	Comparison of Near-Surface NO ₂ Pollution With Pandora Total Column NO ₂ During the Korea–United States Ocean Color (KORUS OC) Campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13560-13575.	3.3	22

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37	Balance of Emission and Dynamical Controls on Ozone During the Korea–United States Air Quality Campaign From Multiconstituent Satellite Data Assimilation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 387-413.	3.3	53
38	Quantifying stratosphere-troposphere transport of ozone using balloon-borne ozonesondes, radar windprofilers and trajectory models. <i>Atmospheric Environment</i> , 2019, 198, 496-509.	4.2	37
39	First Reprocessing of Southern Hemisphere Additional OZonesondes Profile Records: 3. Uncertainty in Ozone Profile and Total Column. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3243-3268.	3.3	51
40	OMI Satellite and Ground-Based Pandora Observations and Their Application to Surface NO ₂ Estimations at Terrestrial and Marine Sites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1441-1459.	3.3	16
41	The Network for the Detection of Atmospheric Composition Change (NDACC): history, status and perspectives. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4935-4964.	4.9	176
42	Designing the Climate Observing System of the Future. <i>Earth's Future</i> , 2018, 6, 80-102.	6.2	28
43	Value of the Routine Assessment of Patient Index Data 3 in Patients With Psoriatic Arthritis: Results From a Tight-Control Clinical Trial and an Observational Cohort. <i>Arthritis Care and Research</i> , 2018, 70, 1198-1205.	3.7	31
44	Seasonal influences on surface ozone variability in continental South Africa and implications for air quality. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15491-15514.	4.9	27
45	Retrievals of tropospheric ozone profiles from the synergism of AIRS and OMI: methodology and validation. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5587-5605.	3.1	47
46	Homogenizing and estimating the uncertainty in NOAA's long-term vertical ozone profile records measured with the electrochemical concentration cell ozonesonde. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3661-3687.	3.1	64
47	Harmonisation and trends of 20-year tropical tropospheric ozone data. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9189-9205.	4.9	10
48	Evaluating high-resolution forecasts of atmospheric CO and CO ₂ from a global prediction system during KORUS-AQ field campaign. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11007-11030.	4.9	35
49	Characterizing Global Ozonesonde Profile Variability From Surface to the UT/LS With a Clustering Technique and MERRA-2 Reanalysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6213-6229.	3.3	25
50	Ground-Based High Spectral Resolution Lidar observation of aerosol vertical distribution in the summertime Southeast United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2970-3004.	3.3	36
51	Tropospheric ozonesonde profiles at long-term U.S. monitoring sites: 2. Links between Trinidad Head, CA, profile clusters and inland surface ozone measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1261-1280.	3.3	18
52	Ozone production by corona discharges during a convective event in DISCOVER-AQ Houston. <i>Atmospheric Environment</i> , 2017, 161, 13-17.	4.2	9
53	First reprocessing of Southern Hemisphere Additional OZonesondes (SHADOZ) profile records (1998–2015): 1. Methodology and evaluation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6611-6636.	3.3	80
54	Using Observations and Source-Specific Model Tracers to Characterize Pollutant Transport During FRAPPAN and DISCOVER-AQ. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10510-10538.	3.3	24

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55	Ozone Variability and Anomalies Observed During SENEX and SEAC ⁴ RS Campaigns in 2013. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11227-11241.	3.3	9
56	The effect of entrainment through atmospheric boundary layer growth on observed and modeled surface ozone in the Colorado Front Range. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6075-6093.	3.3	43
57	First Reprocessing of Southern Hemisphere Additional Ozonesondes (SHADOZ) Ozone Profiles (1998–2016): 2. Comparisons With Satellites and Ground-Based Instruments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 13,000.	3.3	67
58	Validation of 10-year SAO OMI Ozone Profile (PROFOZ) product using ozonesonde observations. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2455-2475.	3.1	57
59	Surface ozone in the Colorado northern Front Range and the influence of oil and gas development during FRAPPE/DISCOVER-AQ in summer 2014. <i>Elementa</i> , 2017, 5, .	3.2	35
60	Frequency and impact of summertime stratospheric intrusions over Maryland during DISCOVER-AQ (2011): New evidence from NASA's GEOS-5 simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3687-3706.	3.3	51
61	Ground-based assessment of the bias and long-term stability of 14 limb and occultation ozone profile data records. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 2497-2534.	3.1	97
62	A space-based, high-resolution view of notable changes in urban NO _x pollution around the world (2005–2014). <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 976-996.	3.3	339
63	Formaldehyde column density measurements as a suitable pathway to estimate near-surface ozone tendencies from space. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13088-13112.	3.3	19
64	Planning, implementation, and scientific goals of the Studies of Emissions and Atmospheric Composition, Clouds and Climate Coupling by Regional Surveys (SEAC ⁴ RS) field mission. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4967-5009.	3.3	160
65	Quantifying the contribution of thermally driven recirculation to a high-ozone event along the Colorado Front Range using lidar. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 10,377-10,390.	3.3	34
66	Spatial and temporal variability of ground and satellite column measurements of NO ₂ and O ₃ over the Atlantic Ocean during the Deposition of Atmospheric Nitrogen to Coastal Ecosystems Experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 14,175.	3.3	15
67	Atmospheric benzene observations from oil and gas production in the Denver–Julesburg Basin in July and August 2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,055.	3.3	72
68	Tropospheric ozonesonde profiles at long-term U.S. monitoring sites: 1. A climatology based on self-organizing maps. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1320-1339.	3.3	28
69	CAMx ozone source attribution in the eastern United States using guidance from observations during DISCOVER-AQ Maryland. <i>Geophysical Research Letters</i> , 2016, 43, 2249-2258.	3.9	42
70	Tropospheric ozone change from 1980 to 2010 dominated by equatorward redistribution of emissions. <i>Nature Geoscience</i> , 2016, 9, 875-879.	11.7	152
71	Origins of tropospheric ozone interannual variation over R ² : A model investigation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 521-537.	3.3	16
72	Analysis of the latitudinal variability of tropospheric ozone in the Arctic using the large number of aircraft and ozonesonde observations in early summer 2008. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13341-13358.	4.9	10

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73	Why do models overestimate surface ozone in the Southeast United States?. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13561-13577.	4.9	334
74	A pervasive role for biomass burning in tropical high ozone/low water structures. <i>Nature Communications</i> , 2016, 7, 10267.	13.0	37
75	Characterizing the lifetime and occurrence of stratospheric-tropospheric exchange events in the rocky mountain region using high-resolution ozone measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12410-12424.	3.3	33
76	Reactivity and temporal variability of volatile organic compounds in the Baltimore/DC region in July 2011. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 197-213.	3.1	7
77	The POLARCAT Model Intercomparison Project (POLMIP): overview and evaluation with observations. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6721-6744.	4.9	64
78	Signature of a tropical Pacific cyclone in the composition of the upper troposphere over Socorro, NM. <i>Geophysical Research Letters</i> , 2015, 42, 9530-9537.	3.9	9
79	Bay breeze climatology at two sites along the Chesapeake bay from 1986-2010: Implications for surface ozone. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 355-372.	3.1	22
80	Estimating surface NO ₂ and SO ₂ mixing ratios from fast-response total column observations and potential application to geostationary missions. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 261-286.	3.1	39
81	Ozone correlations between mid-tropospheric partial columns and the near-surface at two mid-atlantic sites during the DISCOVER-AQ campaign in July 2011. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 373-391.	3.1	12
82	Effects of local meteorology and aerosols on ozone and nitrogen dioxide retrievals from OMI and pandora spectrometers in Maryland, USA during DISCOVER-AQ 2011. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 455-482.	3.1	27
83	Evaluation of NAQFC model performance in forecasting surface ozone during the 2011 DISCOVER-AQ campaign. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 483-501.	3.1	4
84	Bay breeze influence on surface ozone at Edgewood, MD during July 2011. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 335-353.	3.1	53
85	Ozone profiles in the Baltimore-Washington region (2006-2011): satellite comparisons and DISCOVER-AQ observations. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 393-422.	3.1	20
86	Propagation of radiosonde pressure sensor errors to ozonesonde measurements. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 65-79.	3.1	29
87	An elevated reservoir of air pollutants over the Mid-Atlantic States during the 2011 DISCOVER-AQ campaign: Airborne measurements and numerical simulations. <i>Atmospheric Environment</i> , 2014, 85, 18-30.	4.2	34
88	Surface ozone variability and trends over the South African Highveld from 1990 to 2007. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4323-4342.	3.3	22
89	Stratospheric ozone trends and variability as seen by SCIAMACHY from 2002 to 2012. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 831-846.	4.9	67
90	On the hiatus in the acceleration of tropical upwelling since the beginning of the 21st century. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12803-12814.	4.9	16

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91	Tropospheric ozone increases over the southern Africa region: bellwether for rapid growth in Southern Hemisphere pollution?. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9855-9869.	4.9	72
92	Global distribution and trends of tropospheric ozone: An observation-based review. <i>Elementa</i> , 2014, 2, .	3.2	385
93	Fire in the Air: Biomass Burning Impacts in a Changing Climate. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 40-83.	12.7	132
94	Ensemble statistical post-processing of the National Air Quality Forecast Capability: Enhancing ozone forecasts in Baltimore, Maryland. <i>Atmospheric Environment</i> , 2013, 81, 517-522.	4.2	16
95	Estimating the climate significance of halogen-driven ozone loss in the tropical marine troposphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3939-3949.	4.9	161
96	Characteristics of tropospheric ozone depletion events in the Arctic spring: analysis of the ARCTAS, ARCPAC, and ARCIONS measurements and satellite BrO observations. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 9909-9922.	4.9	44
97	A multi-sensor upper tropospheric ozone product (MUTOP) based on TES ozone and GOES water vapor: validation with ozonesondes. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5661-5676.	4.9	4
98	Technical Note: Ozonesonde climatology between 1995 and 2011: description, evaluation and applications. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7475-7497.	4.9	102
99	Impacts of midlatitude precursor emissions and local photochemistry on ozone abundances in the Arctic. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.2	56
100	Classification of Ascension Island and Natal ozonesondes using self-organizing maps. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.2	29
101	One year ozonesonde measurements at Kerguelen Island (49.2°S, 70.1°E): Influence of stratosphere-troposphere exchange and long-range transport of biomass burning plumes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.2	11
102	Surface ozone at a coastal suburban site in 2009 and 2010: Relationships to chemical and meteorological processes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.2	49
103	Southern Hemisphere Additional Ozonesondes (SHADOZ) ozone climatology (2005-2009): Tropospheric and tropical tropopause layer (TTL) profiles with comparisons to OMI-based ozone products. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.2	61
104	Environment Canada cuts threaten the future of science and international agreements. <i>Eos</i> , 2012, 93, 69-69.	0.1	1
105	Atmospheric chemistry over southern Africa. <i>Eos</i> , 2012, 93, 110-110.	0.1	1
106	An analysis of AERONET aerosol absorption properties and classifications representative of aerosol source regions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.2	324
107	Simulations of Infrared Radiances over a Deep Convective Cloud System Observed during TC4: Potential for Enhancing Nocturnal Ice Cloud Retrievals. <i>Remote Sensing</i> , 2012, 4, 3022-3054.	4.1	8
108	Gravity and Rossby wave signatures in the tropical troposphere and lower stratosphere based on Southern Hemisphere Additional Ozonesondes (SHADOZ), 1998-2007. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.2	31

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109	An intercomparison of tropospheric ozone retrievals derived from two Aura instruments and measurements in western North America in 2006. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.2	15
110	Interannual variability and trends in tropical ozone derived from SAGE II satellite data and SHADOZ ozonesondes. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.2	113
111	Aerosol properties over the Indo-Gangetic Plain: A mesoscale perspective from the TIGERZ experiment. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.2	149
112	Modeling ozone plumes observed downwind of New York City over the North Atlantic Ocean during the ICARTT field campaign. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7375-7397.	4.9	22
113	Strategic ozone sounding networks: Review of design and accomplishments. <i>Atmospheric Environment</i> , 2011, 45, 2145-2163.	4.2	63
114	Validation of northern latitude Tropospheric Emission Spectrometer stare ozone profiles with ARC-IONS sondes during ARCTAS: sensitivity, bias and error analysis. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9901-9914.	4.9	58
115	Lightning NO _x emissions over the USA constrained by TES ozone observations and the GEOS-Chem model. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 107-119.	4.9	40
116	Observations of ozone production in a dissipating tropical convective cell during TC4. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11189-11208.	4.9	12
117	The Arctic Research of the Composition of the Troposphere from Aircraft and Satellites (ARCTAS) mission: design, execution, and first results. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5191-5212.	4.9	424
118	Trans-Pacific transport of reactive nitrogen and ozone to Canada during spring. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 8353-8372.	4.9	49
119	A comprehensive evaluation of seasonal simulations of ozone in the northeastern US during summers of 2001–2005. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9-27.	4.9	10
120	An evaluation of the interaction of morning residual layer and afternoon mixed layer ozone in Houston using ozonesonde data. <i>Atmospheric Environment</i> , 2010, 44, 4024-4034.	4.2	55
121	Enhanced ozone over western North America from biomass burning in Eurasia during April 2008 as seen in surface and profile observations. <i>Atmospheric Environment</i> , 2010, 44, 4497-4509.	4.2	55
122	A study of tropospheric ozone column enhancements over North America using satellite data and a global chemical transport model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.2	11
123	Low-resolution ozone bubbles observed in the tropical tropopause layer during the TC4 campaign in 2007. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.2	9
124	Convective and wave signatures in ozone profiles over the equatorial Americas: Views from TC4 2007 and SHADOZ. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.2	30
125	High-resolution tropospheric ozone fields for INTEX and ARCTAS from IONS ozonesondes. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.2	35
126	QBO and ENSO variability in temperature and ozone from SHADOZ, 1998–2005. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.2	48

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127	Convective distribution of tropospheric ozone and tracers in the Central American ITCZ region: Evidence from observations during TC4. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.2	31
128	The variability of free tropospheric ozone over Beltsville, Maryland (39N, 77W) in the summers 2004â€“2007. <i>Atmospheric Environment</i> , 2009, 43, 1827-1838.	4.2	31
129	The impact of chemical lateral boundary conditions on CMAQ predictions of tropospheric ozone over the continental United States. <i>Environmental Fluid Mechanics</i> , 2009, 9, 43-58.	1.7	73
130	Impacts of background ozone production on Houston and Dallas, Texas, air quality during the Second Texas Air Quality Study field mission. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.2	45
131	Impact of the assimilation of ozone from the Tropospheric Emission Spectrometer on surface ozone across North America. <i>Geophysical Research Letters</i> , 2009, 36, .	3.9	49
132	Validation of ozone measurements from the Atmospheric Chemistry Experiment (ACE). <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 287-343.	4.9	136
133	An Overview of Strategic Ozone Sounding Networks: Insights into Ozone Budgets, UT/LS Processes and Tropical Climate Signatures. , 2009, , 237-249.		0
134	Origins of chemical pollution derived from Mid-Atlantic aircraft profiles using a clustering technique. <i>Atmospheric Environment</i> , 2008, 42, 1727-1741.	4.2	51
135	Validation of Tropospheric Emission Spectrometer (TES) measurements of the total, stratospheric, and tropospheric column abundance of ozone. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.2	80
136	Validation of Tropospheric Emission Spectrometer (TES) nadir ozone profiles using ozonesonde measurements. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.2	183
137	Initial validation of ozone measurements from the High Resolution Dynamics Limb Sounder. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.2	31
138	Assimilated ozone from EOSâ€“Aura: Evaluation of the tropopause region and tropospheric columns. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.2	75
139	Atmospheric comparison of electrochemical cell ozonesondes from different manufacturers, and with different cathode solution strengths: The Balloon Experiment on Standards for Ozonesondes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.2	121
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