

# Nicholas B Jones

## List of Publications by Year in descending order

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135  
papers

6,733  
citations

70961

41  
h-index

91712

69  
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170  
all docs

170  
docs citations

170  
times ranked

5891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Australian Fire Emissions of Carbon Monoxide Estimated by Global Biomass Burning Inventories: Variability and Observational Constraints. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	6
2	Global Atmospheric OCS Trend Analysis From 22 NDACC Stations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	12
3	Improved calibration procedures for the EM27/SUN spectrometers of the COllaborative Carbon Column Observing Network (COCCON). <i>Atmospheric Measurement Techniques</i> , 2022, 15, 2433-2463.	1.2	10
4	Ground-based measurements of atmospheric NH <sub>3</sub> by Fourier transform infrared spectrometry at Hefei and comparisons with IASI data. <i>Atmospheric Environment</i> , 2022, 287, 119256.	1.9	6
5	Retrieval of vertical profiles and tropospheric CO <sub>2</sub> columns based on high-resolution FTIR over Hefei, China. <i>Optics Express</i> , 2021, 29, 4958.	1.7	12
6	Characterization and potential for reducing optical resonances in Fourier transform infrared spectrometers of the Network for the Detection of Atmospheric Composition Change (NDACC). <i>Atmospheric Measurement Techniques</i> , 2021, 14, 1239-1252.	1.2	9
7	COVID-19 Crisis Reduces Free Tropospheric Ozone Across the Northern Hemisphere. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091987.	1.5	51
8	Mapping the drivers of formaldehyde (HCHO) variability from 2015 to 2019 over eastern China: insights from Fourier transform infrared observation and GEOS-Chem model simulation. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6365-6387.	1.9	20
9	Ubiquitous atmospheric production of organic acids mediated by cloud droplets. <i>Nature</i> , 2021, 593, 233-237.	13.7	71
10	Retrieval of Stratospheric HNO <sub>3</sub> and HCl Based on Ground-Based High-Resolution Fourier Transform Spectroscopy. <i>Remote Sensing</i> , 2021, 13, 2159.	1.8	6
11	2019-20 Australian Bushfires and Anomalies in Carbon Monoxide Surface and Column Measurements. <i>Atmosphere</i> , 2021, 12, 755.	1.0	5
12	The impact of primary care supported shielding on the risk of mortality in people vulnerable to COVID-19: English sentinel network matched cohort study. <i>Journal of Infection</i> , 2021, 83, 228-236.	1.7	7
13	Validation of methane and carbon monoxide from Sentinel-5 Precursor using TCCON and NDACC-IRWG stations. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6249-6304.	1.2	57
14	Natriuretic peptide referral thresholds and heart failure diagnosis: population-based cohort study. <i>European Heart Journal</i> , 2021, 42, .	1.0	0
15	The Carbon Cycle of Southeast Australia During 2019-2020: Drought, Fires, and Subsequent Recovery. <i>AGU Advances</i> , 2021, 2, .	2.3	21
16	Exercising and face masks: An important hypothesis buried in a selective review. <i>Medical Hypotheses</i> , 2020, 144, 110255.	0.8	7
17	Reorganisation of primary care for older adults during COVID-19: a cross-sectional database study in the UK. <i>British Journal of General Practice</i> , 2020, 70, e540-e547.	0.7	103
18	The role and response of primary healthcare services in the delivery of palliative care in epidemics and pandemics: A rapid review to inform practice and service delivery during the COVID-19 pandemic. <i>Palliative Medicine</i> , 2020, 34, 1182-1192.	1.3	38

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19	Excess mortality in the first COVID pandemic peak: cross-sectional analyses of the impact of age, sex, ethnicity, household size, and long-term conditions in people of known SARS-CoV-2 status in England. <i>British Journal of General Practice</i> , 2020, 70, e890-e898.	0.7	51
20	UMBRELLA protocol: systematic reviews of multivariable biomarker prognostic models developed to predict clinical outcomes in patients with heart failure. <i>Diagnostic and Prognostic Research</i> , 2020, 4, 13.	0.8	4
21	Observed Hemispheric Asymmetry in Stratospheric Transport Trends From 1994 to 2018. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088567.	1.5	13
22	Risk factors for SARS-CoV-2 among patients in the Oxford Royal College of General Practitioners Research and Surveillance Centre primary care network: a cross-sectional study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1034-1042.	4.6	493
23	Chlorine partitioning near the polar vortex edge observed with ground-based FTIR and satellites at Syowa Station, Antarctica, in 2007 and 2011. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1043-1074.	1.9	15
24	Spaceborne Measurements of Formic and Acetic Acids: A Global View of the Regional Sources. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086239.	1.5	21
25	The Oxford Royal College of General Practitioners Clinical Informatics Digital Hub: Protocol to Develop Extended COVID-19 Surveillance and Trial Platforms. <i>JMIR Public Health and Surveillance</i> , 2020, 6, e19773.	1.2	44
26	COVID-19 Surveillance in a Primary Care Sentinel Network: In-Pandemic Development of an Application Ontology. <i>JMIR Public Health and Surveillance</i> , 2020, 6, e21434.	1.2	39
27	TROPOMI Sentinel-5 Precursor formaldehyde validation using an extensive network of ground-based Fourier-transform infrared stations. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3751-3767.	1.2	66
28	Intercomparison of low- and high-resolution infrared spectrometers for ground-based solar remote sensing measurements of total column concentrations of CO <sub>2</sub> , CH <sub>4</sub> , and CO. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 4791-4839.	1.2	28
29	Comparison of formaldehyde tropospheric columns in Australia and New Zealand using MAX-DOAS, FTIR and TROPOMI. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6501-6519.	1.2	5
30	Decreasing Trend in Formaldehyde Detected From 2007 Year Record at Wollongong, Southeast Australia. <i>Geophysical Research Letters</i> , 2019, 46, 8464-8473.	1.5	6
31	An intercomparison of total column-averaged nitrous oxide between ground-based FTIR TCCON and NDACC measurements at seven sites and comparisons with the GEOS-Chem model. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 1393-1408.	1.2	17
32	TCCON and NDACC X <sub>CO</sub> measurements: difference, discussion and application. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 5979-5995.	1.2	19
33	Satellite and ground-based measurements of XCO <sub>2</sub> in a remote semiarid region of Australia. <i>Earth System Science Data</i> , 2019, 11, 935-946.	3.7	18
34	Urban Air Quality in a Coastal City: Wollongong during the MUMBA Campaign. <i>Atmosphere</i> , 2018, 9, 500.	1.0	22
35	Ozone seasonal evolution and photochemical production regime in the polluted troposphere in eastern China derived from high-resolution Fourier transform spectrometry (FTS) observations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14569-14583.	1.9	42
36	NDACC harmonized formaldehyde time series from 21 FTIR stations covering a wide range of column abundances. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5049-5073.	1.2	37

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37	Daytime HONO, NO <sub>2</sub> and aerosol distributions from MAX-DOAS observations in Melbourne. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13969-13985.	1.9	34
38	Direct access cancer testing in primary care: a systematic review of use and clinical outcomes. <i>British Journal of General Practice</i> , 2018, 68, e594-e603.	0.7	13
39	Tropospheric Ozone Assessment Report: Present-day distribution and trends of tropospheric ozone relevant to climate and global atmospheric chemistry model evaluation. <i>Elementa</i> , 2018, 6, .	1.1	240
40	An update on ozone profile trends for the period 2000 to 2016. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10675-10690.	1.9	93
41	The recent increase of atmospheric methane from 10 years of ground-based NDACC FTIR observations since 2005. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2255-2277.	1.9	33
42	Comparison of the GOSAT TANSO-FTS TIR CH <sub>4</sub> volume mixing ratio vertical profiles with those measured by ACE-FTS, ESA MIPAS, IMK-IAA MIPAS, and 16 NDACC stations. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 3697-3718.	1.2	10
43	Validation of the CrIS fast physical NH <sub>3</sub> retrieval with ground-based FTIR. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2645-2667.	1.2	52
44	Validation of MOPITT carbon monoxide using ground-based Fourier transform infrared spectrometer data from NDACC. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 1927-1956.	1.2	44
45	Tropospheric water vapour isotopologue data (H <sub>2</sub> O, H <sub>2</sub> <sup>18</sup> O, H <sub>2</sub> <sup>16</sup> O) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Earth System Science Data</i> , 2017, 9, 15-20	3.7	26
46	Toward a chemical reanalysis in a coupled chemistry-climate model: An evaluation of MOPITT CO assimilation and its impact on tropospheric composition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7310-7343.	1.2	37
47	Seasonal variability of surface and column carbon monoxide over the megacity Paris, high-altitude Jungfrauoch and Southern Hemispheric Wollongong stations. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10911-10925.	1.9	28
48	Towards understanding the variability in biospheric CO <sub>2</sub> fluxes: using FTIR spectrometry and a chemical transport model to investigate the sources and sinks of carbonyl sulfide and its link to CO <sub>2</sub> . <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2123-2138.	1.9	20
49	An evaluation of IASI-NH <sub>3</sub> with ground-based Fourier transform infrared spectroscopy measurements. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10351-10368.	1.9	56
50	Positive trends in Southern Hemisphere carbonyl sulfide. <i>Geophysical Research Letters</i> , 2015, 42, 9473-9480.	1.5	20
51	Trends of ozone total columns and vertical distribution from FTIR observations at eight NDACC stations around the globe. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2915-2933.	1.9	76
52	Multi-model simulation of CO and HCHO in the Southern Hemisphere: comparison with observations and impact of biogenic emissions. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 7217-7245.	1.9	31
53	Acetylene (C <sub>2</sub> H <sub>2</sub> ) and hydrogen cyanide (HCN) from IASI satellite observations: global distributions, validation, and comparison with model. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10509-10527.	1.9	7
54	Past changes in the vertical distribution of ozone – Part 3: Analysis and interpretation of trends. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9965-9982.	1.9	115

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55	Using XCO <sub>2</sub> retrievals for assessing the long-term consistency of NDACC/FTIR data sets. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 1555-1573.	1.2	39
56	Validation of SCIAMACHY HDO/H <sub>2</sub> O measurements using the TCCON and NDACC-MUSICA networks. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 1799-1818.	1.2	17
57	Multistation intercomparison of column-averaged methane from NDACC and TCCON: impact of dynamical variability. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 4081-4101.	1.2	22
58	Tropospheric CH <sub>4</sub> signals as observed by NDACC FTIR at globally distributed sites and comparison to GAW surface in situ measurements. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 2337-2360.	1.2	38
59	Recent Northern Hemisphere stratospheric HCl increase due to atmospheric circulation changes. <i>Nature</i> , 2014, 515, 104-107.	13.7	110
60	First intercalibration of column-averaged methane from the Total Carbon Column Observing Network and the Network for the Detection of Atmospheric Composition Change. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 397-418.	1.2	24
61	Usability of optical spectrum analyzer in measuring atmospheric CO <sub>2</sub> and CH <sub>4</sub> column densities: inspection with FTS and aircraft profiles in situ. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2593-2600.	1.2	10
62	Ground-based remote sensing of tropospheric water vapour isotopologues within the project MUSICA. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 3007-3027.	1.2	69
63	Validation of IASI FORLI carbon monoxide retrievals using FTIR data from NDACC. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2751-2761.	1.2	45
64	Remote sensing of CO <sub>2</sub> and CH <sub>4</sub> using solar absorption spectrometry with a low resolution spectrometer. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1627-1635.	1.2	23
65	Satellite evidence for a large source of formic acid from boreal and tropical forests. <i>Nature Geoscience</i> , 2012, 5, 26-30.	5.4	171
66	Trends and variations in CO, C <sub>2</sub> H <sub>6</sub> , and HCN in the Southern Hemisphere point to the declining anthropogenic emissions of CO and C <sub>2</sub> H <sub>6</sub> . <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7543-7555.	1.9	50
67	Observed and simulated time evolution of HCl, ClONO <sub>2</sub> , and HF total column abundances. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3527-3556.	1.9	72
68	Long-range correlations in Fourier transform infrared, satellite, and modeled CO in the Southern Hemisphere. <i>Journal of Geophysical Research</i> , 2012, 117, n/a-n/a.	3.3	15
69	The Australian methane budget: Interpreting surface and train-borne measurements using a chemistry transport model. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
70	Strategy for high-accuracy-and-precision retrieval of atmospheric methane from the mid-infrared FTIR network. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 1943-1964.	1.2	50
71	Validation of five years (2003–2007) of SCIAMACHY CO total column measurements using ground-based spectrometer observations. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 1457-1471.	1.2	31
72	Trace gas emissions from savanna fires in northern Australia. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	51

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73	Validation of ozone measurements from the Atmospheric Chemistry Experiment (ACE). Atmospheric Chemistry and Physics, 2009, 9, 287-343.	1.9	134
74	Validation of version-4.61 methane and nitrous oxide observed by MIPAS. Atmospheric Chemistry and Physics, 2009, 9, 413-442.	1.9	50
75	Long-term tropospheric formaldehyde concentrations deduced from ground-based fourier transform solar infrared measurements. Atmospheric Chemistry and Physics, 2009, 9, 7131-7142.	1.9	49
76	Measurement of methanol emissions from Australian wildfires by ground-based solar Fourier transform spectroscopy. Geophysical Research Letters, 2008, 35, .	1.5	33
77	Global AIRS and MOPITT CO measurements: Validation, comparison, and links to biomass burning variations and carbon cycle. Journal of Geophysical Research, 2008, 113, .	3.3	96
78	An Intercomparison of Ground-Based Solar FTIR Measurements of Atmospheric Gases at Eureka, Canada. Journal of Atmospheric and Oceanic Technology, 2008, 25, 2028-2036.	0.5	9
79	Validation of ACE-FTS v2.2 methane profiles from the upper troposphere to the lower mesosphere. Atmospheric Chemistry and Physics, 2008, 8, 2421-2435.	1.9	85
80	Validation of NO <sub>2</sub> and NO from the Atmospheric Chemistry Experiment (ACE). Atmospheric Chemistry and Physics, 2008, 8, 5801-5841.	1.9	64
81	Validation of ACE-FTS N <sub>2</sub> O measurements. Atmospheric Chemistry and Physics, 2008, 8, 4759-4786.	1.9	76
82	Validation of ACE-FTS v2.2 measurements of HCl, HF, CCl <sub>3</sub> F and CCl <sub>2</sub> F <sub>2</sub> using space-, balloon- and ground-based instrument observations. Atmospheric Chemistry and Physics, 2008, 8, 6199-6221.	1.9	91
83	CO measurements from the ACE-FTS satellite instrument: data analysis and validation using ground-based, airborne and spaceborne observations. Atmospheric Chemistry and Physics, 2008, 8, 2569-2594.	1.9	107
84	Validation of HNO <sub>3</sub> , ClONO <sub>2</sub> , and N <sub>2</sub> O <sub>5</sub> from the Atmospheric Chemistry Experiment Fourier Transform Spectrometer (ACE-FTS). Atmospheric Chemistry and Physics, 2008, 8, 3529-3562.	1.9	75
85	Ground-Based Solar Absorption FTIR Spectroscopy: Characterization of Retrievals and First Results from a Novel Optical Design Instrument at a New NDACC Complementary Station. Journal of Atmospheric and Oceanic Technology, 2007, 24, 432-448.	0.5	55
86	Annual variation of strato-mesospheric carbon monoxide measured by ground-based Fourier transform infrared spectrometry. Atmospheric Chemistry and Physics, 2007, 7, 1305-1312.	1.9	34
87	Comparisons between ground-based FTIR and MIPAS N <sub>2</sub> O and HNO <sub>3</sub> profiles before and after assimilation in BASCOE. Atmospheric Chemistry and Physics, 2007, 7, 377-396.	1.9	59
88	Characteristics and error estimation of stratospheric ozone and ozone-related species over Poker Flat (65° N, 147° W), Alaska observed by a ground-based FTIR spectrometer from 2001 to 2003. Atmospheric Chemistry and Physics, 2007, 7, 3791-3810.	1.9	16
89	Geophysical validation of MIPAS-ENVISAT operational ozone data. Atmospheric Chemistry and Physics, 2007, 7, 4807-4867.	1.9	130
90	Validation of MIPAS ClONO <sub>2</sub> measurements. Atmospheric Chemistry and Physics, 2007, 7, 257-281.	1.9	65

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91	Validation of MIPAS HNO <sub>3</sub> operational data. Atmospheric Chemistry and Physics, 2007, 7, 4905-4934.	1.9	48
92	Stratospheric CO measured by a ground-based Fourier Transform Spectrometer over Poker Flat, Alaska: Comparisons with Odin/SMR and a 2D model. Journal of Geophysical Research, 2007, 112, .	3.3	6
93	Global budget of CO, 1988-1997: Source estimates and validation with a global model. Journal of Geophysical Research, 2007, 112, .	3.3	297
94	A global model study of ozone enhancement during the August 2003 heat wave in Europe. Environmental Chemistry, 2007, 4, 285.	0.7	17
95	First detection of meso-thermospheric Nitric Oxide (NO) by ground-based FTIR solar absorption spectroscopy. Geophysical Research Letters, 2006, 33, .	1.5	11
96	Seasonal variation of carbon monoxide in northern Japan: Fourier transform IR measurements and source-labeled model calculations. Journal of Geophysical Research, 2006, 111, .	3.3	14
97	Comparisons between SCIAMACHY and ground-based FTIR data for total columns of CO, CH <sub>4</sub> , CO <sub>2</sub> and N <sub>2</sub> O. Atmospheric Chemistry and Physics, 2006, 6, 1953-1976.	1.9	103
98	Spectral line finding program for atmospheric remote sensing using full radiation transfer. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 97, 112-125.	1.1	13
99	Carriage of group B streptococcus in pregnant women from Oxford, UK. Journal of Clinical Pathology, 2006, 59, 363-366.	1.0	68
100	High spectral resolution solar absorption measurements of ethylene in a forest fire smoke plume using HITRAN parameters: Tropospheric vertical profile retrieval. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 96, 301-309.	1.1	35
101	Ground-based measurement of stratospheric CO by a FTIR spectrometer over Poker Flat, Alaska. Advances in Space Research, 2005, 35, 2024-2030.	1.2	17
102	Seasonal variations of CO and HCN in the troposphere measured by solar absorption spectroscopy over Poker Flat, Alaska. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	11
103	Measurements of trace gas emissions from Australian forest fires and correlations with coincident measurements of aerosol optical depth. Journal of Geophysical Research, 2005, 110, .	3.3	72
104	Improvements to air mass calculations for ground-based infrared measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 83, 109-113.	1.1	28
105	Intercomparison of retrieval codes used for the analysis of high-resolution, ground-based FTIR measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 87, 25-52.	1.1	315
106	Trace gas emissions from biomass burning inferred from aerosol optical depth. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	34
107	Long-term trends of inorganic chlorine from ground-based infrared solar spectra: Past increases and evidence for stabilization. Journal of Geophysical Research, 2003, 108, .	3.3	86
108	Enhanced Upper Tropical Tropospheric COS: Impact on the Stratospheric Aerosol Layer. Science, 2003, 300, 307-310.	6.0	98

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109	Intercomparison of NDSC Ground-Based Solar FTIR Measurements of Atmospheric Gases at Lauder, New Zealand. <i>Journal of Atmospheric and Oceanic Technology</i> , 2003, 20, 1138-1153.	0.5	33
110	Validation of version 5.20 ILAS HNO <sub>3</sub> , CH <sub>4</sub> , N <sub>2</sub> O, O <sub>3</sub> , and NO <sub>2</sub> using ground-based measurements at Arrival Heights and Kiruna. <i>Journal of Geophysical Research</i> , 2002, 107, ILS 5-1.	3.3	18
111	Spectroscopic measurements of tropospheric CO, C <sub>2</sub> H <sub>6</sub> , C <sub>2</sub> H <sub>2</sub> , and HCN in northern Japan. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 2-1.	3.3	95
112	Multiyear infrared solar spectroscopic measurements of HCN, CO, C <sub>2</sub> H <sub>6</sub> , and C <sub>2</sub> H <sub>2</sub> tropospheric columns above Lauder, New Zealand (45°S latitude). <i>Journal of Geophysical Research</i> , 2002, 107, ACH 1-1.	3.3	48
113	Ground-based infrared spectroscopic measurements of carbonyl sulfide: Free tropospheric trends from a 24-year time series of solar absorption measurements. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 24-1.	3.3	37
114	Stratospheric HF column abundances above Kitt Peak (31.9°N latitude): trends from 1977 to 2001 and correlations with stratospheric HCl columns. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2002, 74, 205-216.	1.1	13
115	Correlation of aerosol and carbon monoxide at 45°S: Evidence of biomass burning emissions. <i>Geophysical Research Letters</i> , 2001, 28, 709-712.	1.5	31
116	Springtime enhancement of upper tropospheric aerosol at 45°S. <i>Geophysical Research Letters</i> , 2001, 28, 1495-1498.	1.5	9
117	Variations in the tropical uplift following the Pinatubo eruption studied by infrared solar absorption spectrometry. <i>Geophysical Research Letters</i> , 2000, 27, 2609-2612.	1.5	3
118	Correlation relationships of stratospheric molecular constituents from high spectral resolution, ground-based infrared solar absorption spectra. <i>Journal of Geophysical Research</i> , 2000, 105, 14637-14652.	3.3	11
119	Latitudinal variations of trace gas concentrations in the free troposphere measured by solar absorption spectroscopy during a ship cruise. <i>Journal of Geophysical Research</i> , 2000, 105, 1337-1349.	3.3	56
120	Nitrogen species in the post-Pinatubo stratosphere: Model analysis utilizing UARS measurements. <i>Journal of Geophysical Research</i> , 1999, 104, 8247-8262.	3.3	21
121	Infrared solar spectroscopic measurements of free tropospheric CO, C <sub>2</sub> H <sub>6</sub> , and HCN above Mauna Loa, Hawaii: Seasonal variations and evidence for enhanced emissions from the Southeast Asian tropical fires of 1997-1998. <i>Journal of Geophysical Research</i> , 1999, 104, 18667-18680.	3.3	75
122	Pacific Exploratory Mission-Tropics carbon monoxide measurements in historical context. <i>Journal of Geophysical Research</i> , 1999, 104, 26195-26207.	3.3	15
123	Ground-based infrared solar spectroscopic measurements of carbon monoxide during 1994 Measurement of Air Pollution From Space flights. <i>Journal of Geophysical Research</i> , 1998, 103, 19317-19325.	3.3	23
124	Interhemispheric ratio and annual cycle of carbonyl sulfide (OCS) total column from ground-based solar FTIR spectra. <i>Journal of Geophysical Research</i> , 1998, 103, 8447-8454.	3.3	49
125	Spectral measurements of HCl in the plume of the Antarctic Volcano Mount Erebus. <i>Geophysical Research Letters</i> , 1998, 25, 2421-2424.	1.5	4
126	Northern and southern hemisphere ground-based infrared spectroscopic measurements of tropospheric carbon monoxide and ethane. <i>Journal of Geophysical Research</i> , 1998, 103, 28197-28217.	3.3	225



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127	Increase in the vertical column abundance of HCFC-22 (CHClF <sub>2</sub> ) above Lauder, New Zealand, between 1985 and 1994. <i>Journal of Geophysical Research</i> , 1997, 102, 8861-8865.	3.3	8
128	Comparison of infrared and Dobson total ozone columns measured from Lauder, New Zealand. <i>Geophysical Research Letters</i> , 1996, 23, 1025-1028.	1.5	14
129	Validation of ozone profile retrievals from infrared ground-based solar spectra. <i>Geophysical Research Letters</i> , 1996, 23, 1637-1640.	1.5	37
130	Southern hemisphere midlatitude ground-based measurements of ClONO <sub>2</sub> : Method of analysis, seasonal cycle and long term-trend. <i>Journal of Geophysical Research</i> , 1995, 100, 23183.	3.3	12
131	Impact of Pinatubo aerosols on the partitioning between NO <sub>2</sub> and HNO <sub>3</sub> . <i>Geophysical Research Letters</i> , 1994, 21, 597-600.	1.5	88
132	Southern hemisphere mid-latitude seasonal cycle in total column nitric acid. <i>Geophysical Research Letters</i> , 1994, 21, 593-596.	1.5	15
133	Southern hemisphere ground based measurements of carbonyl fluoride (COF <sub>2</sub> ) and hydrogen fluoride (HF): Partitioning between fluoride reservoir species. <i>Geophysical Research Letters</i> , 1994, 21, 797-800.	1.5	17
134	Infrared spectroscopic measurements of the total column abundance of ethane (C <sub>2</sub> H <sub>6</sub> ) above Lauder, New Zealand. <i>Journal of Geophysical Research</i> , 1994, 99, 25941.	3.3	5
135	HNO <sub>3</sub> and HCl amounts over McMurdo during the spring of 1987. <i>Journal of Geophysical Research</i> , 1989, 94, 16615-16618.	3.3	23