## Ellis E Remsberg

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Variations of Arctic winter ozone from the LIMS Level 3 dataset. Atmospheric Measurement Techniques, 2022, 15, 1521-1535.	3.1	0
2	The response of mesospheric H <sub>2</sub> O and CO to solar irradiance variability in models and observations. Atmospheric Chemistry and Physics, 2021, 21, 201-216.	4.9	6
3	Residual temperature bias effects in stratospheric species distributions from LIMS. Atmospheric Measurement Techniques, 2021, 14, 2185-2199.	3.1	2
4	Overview and update of the SPARC Data Initiative: comparison of stratospheric composition measurements from satellite limb sounders. Earth System Science Data, 2021, 13, 1855-1903.	9.9	14
5	Technical note: LIMS observations of lower stratospheric ozone in the southern polar springtime of 1978. Atmospheric Chemistry and Physics, 2020, 20, 3663-3668.	4.9	0
6	Radiometric Stability of the SABER Instrument. Earth and Space Science, 2020, 7, e2019EA001011.	2.6	9
7	The SPARC water vapour assessment II: profile-to-profile comparisons of stratospheric and lower mesospheric water vapour data sets obtained from satellites. Atmospheric Measurement Techniques, 2019, 12, 2693-2732.	3.1	13
8	Observation and Attribution of Temperature Trends Near the Stratopause From HALOE. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6600-6611.	3.3	7
9	The impact of nonuniform sampling on stratospheric ozone trends derived from occultation instruments. Atmospheric Chemistry and Physics, 2018, 18, 535-554.	4.9	12
10	Observed Responses of Mesospheric Water Vapor to Solar Cycle and Dynamical Forcings. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3830-3843.	3.3	21
11	Trend differences in lower stratospheric water vapour between Boulder and the zonal mean and their role in understanding fundamental observational discrepancies. Atmospheric Chemistry and Physics, 2018, 18, 8331-8351.	4.9	14
12	On the consistency of HNO <sub>3</sub> and NO <sub>2</sub> in the Aleutian High region from the Nimbus 7 LIMS Version 6 data set. Atmospheric Measurement Techniques, 2018, 11, 3611-3626.	3.1	2
13	Effects of polar stratospheric clouds in the Nimbus 7 LIMS Version 6 data set. Atmospheric Measurement Techniques, 2016, 9, 2927-2946.	3.1	1
14	Methane as a diagnostic tracer of changes in the Brewer–Dobson circulation of the stratosphere. Atmospheric Chemistry and Physics, 2015, 15, 3739-3754.	4.9	22
15	Decadal-scale responses in middle and upper stratospheric ozone from SAGE II version 7 data. Atmospheric Chemistry and Physics, 2014, 14, 1039-1053.	4.9	15
16	Ozone temperature correlations in the upper stratosphere as a measure of chlorine content. Journal of Geophysical Research, 2012, 117, .	3.3	23
17	Observed seasonal to decadal scale responses in mesospheric water vapor. Journal of Geophysical Research, 2010, 115, .	3.3	24
18	Trends and solar cycle effects in temperature versus altitude from the Halogen Occultation Experiment for the mesosphere and upper stratosphere. Journal of Geophysical Research, 2009, 114, .	3.3	39

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19	A reanalysis for the seasonal and longer-period cycles and the trends in middle-atmosphere temperature from the Halogen Occultation Experiment. Journal of Geophysical Research, 2007, 112, .	3.3	16
20	On the quality of the Nimbus 7 LIMS version 6 ozone for studies of the middle atmosphere. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 105, 492-518.	2.3	20
21	The Nimbus 7 LIMS version 6 radiance conditioning and temperature retrieval methods and results. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 86, 395-424.	2.3	45
22	Improved mesospheric temperature, water vapor and polar mesospheric cloud extinctions from HALOE. Geophysical Research Letters, 2003, 30, .	4.0	37
23	Seasonal and longer-term variations in middle atmosphere temperature from HALOE on UARS. Journal of Geophysical Research, 2002, 107, ACL 18-1.	3.3	48
24	Ozone budget in the upper stratosphere: Model studies using the reprocessed LIMS and the HALOE datasets. Geophysical Research Letters, 2002, 29, 56-1.	4.0	12
25	Impact of non-LTE processes on middle atmospheric water vapor retrievals from simulated measurements of 6.8 μm Earth limb emission. Geophysical Research Letters, 2002, 29, 2-1-2-4.	4.0	7
26	Ozone changes in the lower stratosphere from the Halogen Occultation Experiment for 1991 through 1999. Journal of Geophysical Research, 2001, 106, 1639-1653.	3.3	15
27	An evaluation of the quality of Halogen Occultation Experiment ozone profiles in the lower stratosphere. Journal of Geophysical Research, 1999, 104, 9261-9275.	3.3	50
28	Analysis of near-global trends and variability in Halogen Occultation Experiment HF and HCl data in the middle atmosphere. Journal of Geophysical Research, 1999, 104, 24297-24308.	3.3	14
29	Estimates of the water vapor budget of the stratosphere from UARS HALOE data. Journal of Geophysical Research, 1996, 101, 6749-6766.	3.3	42
30	Zonal variance of nitric acid vapor as an indicator of meridional mixing in the subtropical lower stratosphere. Journal of Geophysical Research, 1996, 101, 29523-29530.	3.3	7
31	Ground-based microwave observations of ozone in the upper stratosphere and mesosphere. Journal of Geophysical Research, 1994, 99, 16757.	3.3	126
32	Effect of the HITRAN 92 spectral data on the retrieval of NO2mixing ratios from Nimbus 7 LIMS. Journal of Geophysical Research, 1994, 99, 22965.	3.3	11
33	Estimation of Synoptic Fields of Middle Atmosphere Parameters from Nimbus-7 LIMS Profile Data. Journal of Atmospheric and Oceanic Technology, 1990, 7, 689-705.	1.3	21
34	The Area of the Stratospheric Polar Vortex as a Diagnostic for Tracer Transport on an Isentropic Surface. Journals of the Atmospheric Sciences, 1986, 43, 1319-1339.	1.7	342
35	Implications of the Stratospheric Water Vapor Distribution as Determined from the Nimbus 7 LIMS Experiment. Journals of the Atmospheric Sciences, 1984, 41, 2934-2948.	1.7	106
36	Validation of nitrogen dioxide results measured by the Limb Infrared Monitor of the Stratosphere (LIMS) Experiment on NIMBUS 7. Journal of Geophysical Research, 1984, 89, 5099-5107.	3.3	77

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37	Validation of temperature retrievals obtained by the Limb Infrared Monitor of the Stratosphere (LIMS) Experiment on NIMBUS 7. Journal of Geophysical Research, 1984, 89, 5147-5160.	3.3	63
38	The validation of NIMBUS 7 LIMS measurements of ozone. Journal of Geophysical Research, 1984, 89, 5161-5178.	3.3	89