

Anne K Smith

List of Publications by Year in descending order

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135
papers

5,800
citations

76294

40
h-index

91828

69
g-index

147
all docs

147
docs citations

147
times ranked

3260
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the quality of the Version 1.07 temperature versus pressure profiles of the middle atmosphere from TIMED/SABER. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	369
2	Chemistry of the 1991â€“1992 stratospheric winter: Three-dimensional model simulations. <i>Journal of Geophysical Research</i> , 1994, 99, 8183.	3.3	285
3	The Whole Atmosphere Community Climate Model Version 6 (WACCM6). <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12380-12403.	1.2	261
4	Modification of the Gravity Wave Parameterization in the Whole Atmosphere Community Climate Model: Motivation and Results. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 275-291.	0.6	180
5	Global Dynamics of the MLT. <i>Surveys in Geophysics</i> , 2012, 33, 1177-1230.	2.1	161
6	Thermosphere extension of the Whole Atmosphere Community Climate Model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	144
7	Temporal variations of atomic oxygen in the upper mesosphere from SABER. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	135
8	WACCM simulations of the mean circulation and trace species transport in the winter mesosphere. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	123
9	Representation of the Community Earth System Model (CESM1) CAM4-chem within the Chemistry-Climate Model Initiative (CCMI). <i>Geoscientific Model Development</i> , 2016, 9, 1853-1890.	1.3	122
10	Seasonal and quasiâ€“biennial variations in the migrating diurnal tide observed by Thermosphere, Ionosphere, Mesosphere, Energetics and Dynamics (TIMED). <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	117
11	Simulation of the combined effects of solar cycle, quasi-biennial oscillation, and volcanic forcing on stratospheric ozone changes in recent decades. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	112
12	Planetary waves in coupling the stratosphere and mesosphere during the major stratospheric warming in 2003/2004. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	109
13	The Origin of Stationary Planetary Waves in the Upper Mesosphere. <i>Journals of the Atmospheric Sciences</i> , 2003, 60, 3033-3041.	0.6	108
14	Atomic oxygen in the mesosphere and lower thermosphere derived from SABER: Algorithm theoretical basis and measurement uncertainty. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5724-5735.	1.2	101
15	Longitudinal Variations in Mesospheric Winds: Evidence for Gravity Wave Filtering by Planetary Waves. <i>Journals of the Atmospheric Sciences</i> , 1996, 53, 1156-1173.	0.6	93
16	On the distribution of CO ₂ and CO in the mesosphere and lower thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5700-5718.	1.2	90
17	SABER observations of the OH Meinel airglow variability near the mesopause. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	88
18	On the composite response of the MLT to major sudden stratospheric warming events with elevated stratopause. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4518-4537.	1.2	87

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19	The existence of a tertiary ozone maximum in the high-latitude middle mesosphere. <i>Geophysical Research Letters</i> , 2001, 28, 4531-4534.	1.5	81
20	Using TIMED/SABER nightglow observations to investigate hydroxyl emission mechanisms in the mesopause region. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	76
21	Mesopause structure from Thermosphere, Ionosphere, Mesosphere, Energetics, and Dynamics (TIMED)/Sounding of the Atmosphere Using Broadband Emission Radiometry (SABER) observations. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	72
22	The impact of solar spectral irradiance variability on middle atmospheric ozone. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	70
23	Modeling and Analysis of the Structure and Generation of the Terdiurnal Tide. <i>Journals of the Atmospheric Sciences</i> , 2001, 58, 3116-3134.	0.6	65
24	Global structure and long-term variations of zonal mean temperature observed by TIMED/SABER. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	64
25	Stationary Planetary Waves in Upper Mesospheric Winds. <i>Journals of the Atmospheric Sciences</i> , 1997, 54, 2129-2145.	0.6	63
26	Structure of the terdiurnal tide at 95 km. <i>Geophysical Research Letters</i> , 2000, 27, 177-180.	1.5	63
27	Physics and chemistry of the mesopause region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004, 66, 839-857.	0.6	63
28	Satellite observations of ozone in the upper mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5803-5821.	1.2	63
29	Sensitivity of Sudden Stratospheric Warmings to Previous Stratospheric Conditions. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 2857-2877.	0.6	62
30	Processes that account for the ozone maximum at the mesopause. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	61
31	On the Dynamical Control of the Mesosphere's Lower Thermosphere by the Lower and Middle Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 933-947.	0.6	58
32	SABER observations of mesospheric ozone during NH late winter 2002-2009. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	57
33	Mesospheric ozone response to changes in water vapor. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	56
34	The diurnal and semidiurnal tides over Ascension Island (1° S, 14° W) and their interaction with the stratospheric quasi-biennial oscillation: studies with meteor radar, eCMAM and WACCM. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9543-9564.	1.9	55
35	Stratospheric Temperature Trends over 1979-2015 Derived from Combined SSU, MLS, and SABER Satellite Observations. <i>Journal of Climate</i> , 2016, 29, 4843-4859.	1.2	54
36	Response of the mesosphere to human-induced perturbations and solar variability calculated by a 2-D model. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 7-1.	3.3	52

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37	Strong longitudinal variations in the OH nightglow. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	52
38	An observational estimate of gravity wave drag from the momentum balance in the middle atmosphere. <i>Journal of Geophysical Research</i> , 1985, 90, 2233-2241.	3.3	46
39	Satellite observations of high nighttime ozone at the equatorial mesopause. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
40	The influence of major sudden stratospheric warming and elevated stratopause events on the effects of energetic particle precipitation in WACCM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11,636.	1.2	42
41	Wintertime Northern Hemisphere Response in the Stratosphere to the Pacific Decadal Oscillation Using the Whole Atmosphere Community Climate Model. <i>Journal of Climate</i> , 2016, 29, 1031-1049.	1.2	42
42	Insignificant influence of the 11-year solar cycle on the North Atlantic Oscillation. <i>Nature Geoscience</i> , 2019, 12, 94-99.	5.4	42
43	The Global Residual Mean Circulation in the Middle Atmosphere for the Northern Winter Period. <i>Journals of the Atmospheric Sciences</i> , 1987, 44, 1437-1454.	0.6	41
44	Atomic hydrogen in the mesopause region derived from SABER: Algorithm theoretical basis, measurement uncertainty, and results. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3516-3526.	1.2	41
45	Evaluation of the Quasi-Biennial Oscillation in global climate models for the SPARC QBO initiative. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1459-1489.	1.0	41
46	Wave Transience and Wave-Mean Flow Interaction Caused by the Interference of Stationary and Traveling Waves. <i>Journals of the Atmospheric Sciences</i> , 1985, 42, 529-535.	0.6	40
47	Nighttime secondary ozone layer during major stratospheric sudden warmings in specified-dynamics WACCM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8346-8358.	1.2	40
48	The Semiannual Oscillation of the Tropical Zonal Wind in the Middle Atmosphere Derived from Satellite Geopotential Height Retrievals. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 2413-2425.	0.6	40
49	Evidence for nonmigrating tides produced by the interaction between tides and stationary planetary waves in the stratosphere and lower mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 471-489.	1.2	39
50	Observations and modeling of the 6-hour tide in the upper mesosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	38
51	Perturbations of the sodium layer: controlled by chemistry or dynamics?. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	36
52	Signature of an overturning gravity wave in the mesospheric sodium layer: Comparison of a nonlinear photochemical-dynamical model and lidar observations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	36
53	Numerical simulation of the seasonal variation of mesospheric water vapor. <i>Journal of Geophysical Research</i> , 1991, 96, 7553-7563.	3.3	35
54	A numerical study of the effect of gravity-wave propagation on minor species distributions in the mesopause region. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	35

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55	A link between variability of the semidiurnal tide and planetary waves in the opposite hemisphere. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	35
56	Global distribution and variability of quasi 2-day waves based on the NOGAPS-ALPHA reanalysis model. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,422.	0.8	35
57	Numerical simulation of global variations of temperature, ozone, and trace species in the stratosphere. <i>Journal of Geophysical Research</i> , 1995, 100, 1253-1269.	3.3	34
58	Observation of Wave-Wave Interactions in the Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1983, 40, 2484-2496.	0.6	33
59	Interaction of chemical heating and the diurnal tide in the mesosphere. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	33
60	Decadal-scale periodicities in the stratosphere associated with the solar cycle and the QBO. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	33
61	Transport of mesospheric H ₂ O during and after the stratospheric sudden warming of January 2010: observation and simulation. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5413-5427.	1.9	33
62	An observational and theoretical study of the longitudinal variation in neutral temperature induced by aurora heating in the lower thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7410-7425.	0.8	32
63	Stationary Waves in the Winter Stratosphere: Seasonal and Interannual Variability. <i>Journals of the Atmospheric Sciences</i> , 1983, 40, 245-261.	0.6	31
64	Spatio-temporal observations of the tertiary ozone maximum. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4439-4445.	1.9	29
65	Simulations of the response of mesospheric circulation and temperature to the Antarctic ozone hole. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	29
66	CO ₂ (¹ / ₂)-O quenching rate coefficient derived from coincidental SABER/TIMED and Fort Collins lidar observations of the mesosphere and lower thermosphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 9013-9023.	1.9	27
67	Radiative and energetic constraints on the global annual mean atomic oxygen concentration in the mesopause region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5796-5802.	1.2	26
68	Features of the seasonal variation of the semidiurnal, terdiurnal and 6-h components of ozone heating evaluated from Aura/MLS observations. <i>Annales Geophysicae</i> , 2012, 30, 259-281.	0.6	25
69	Stratospheric O ₃ changes during 2001-2010: the small role of solar flux variations in a chemical transport model. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 10113-10123.	1.9	25
70	Interhemispheric Coupling Mechanisms in the Middle Atmosphere of WACCM6. <i>Journals of the Atmospheric Sciences</i> , 2019, 77, 1101-1118.	0.6	25
71	The Mesospheric Diabatic Circulation and the Parameterized Thermal Effect of Gravity Wave Breaking on the Circulation. <i>Journals of the Atmospheric Sciences</i> , 1991, 48, 1093-1111.	0.6	24
72	Interactions Between the Lower, Middle and Upper Atmosphere. <i>Space Science Reviews</i> , 2012, 168, 1-21.	3.7	24

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73	Comparison of Six Lightning Parameterizations in CAM5 and the Impact on Global Atmospheric Chemistry. <i>Earth and Space Science</i> , 2019, 6, 2317-2346.	1.1	24
74	Significant reduction in the stratospheric ozone deficit using a three-dimensional model constrained with UARS data. <i>Journal of Geophysical Research</i> , 1998, 103, 16203-16219.	3.3	23
75	Odin observations of Antarctic nighttime NO densities in the mesosphere—lower thermosphere and observations of a lower NO layer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 7414-7425.	1.2	23
76	Southern Hemisphere Summer Mesopause Responses to El Niño—Southern Oscillation. <i>Journal of Climate</i> , 2016, 29, 6319-6328.	1.2	23
77	Wave—Wave Interactions in the Stratosphere: Observations during Quiet and Active Wintertime Periods. <i>Journals of the Atmospheric Sciences</i> , 1984, 41, 363-373.	0.6	22
78	The effects of gravity waves on distributions of chemically active constituents in the mesopause region. <i>Journal of Geophysical Research</i> , 2000, 105, 26593-26602.	3.3	21
79	Climatology of the migrating terdiurnal tide (TW3) in SABER/TIMED temperatures. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1755-1767.	0.8	21
80	Cryogenic Infrared Spectrometers and Telescopes for the Atmosphere (CRISTA) observations of tracer transport by inertially unstable circulations. <i>Journal of Geophysical Research</i> , 1999, 104, 19171-19182.	3.3	20
81	Comparison of rotational temperature derived from ground-based OH airglow observations with TIMED/SABER to evaluate the Einstein coefficients. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10069-10082.	0.8	20
82	The role of the solar irradiance variability in the evolution of the middle atmosphere during 2004—2009. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 3781-3793.	1.2	19
83	Temporal Variability of Atomic Hydrogen From the Mesopause to the Upper Thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1006-1017.	0.8	19
84	The Effect of the Madden—Julian Oscillation on the Mesospheric Migrating Diurnal Tide: A Study Using SD—WACCM. <i>Geophysical Research Letters</i> , 2018, 45, 5105-5114.	1.5	19
85	Preconditioning for Stratospheric Sudden Warmings: Sensitivity Studies with a Numerical Model. <i>Journals of the Atmospheric Sciences</i> , 1992, 49, 1003-1019.	0.6	18
86	Middle atmosphere Kelvin waves observed in Cryogenic Infrared Spectrometers and Telescopes for the Atmosphere (CRISTA) 1 and 2 temperature and trace species. <i>Journal of Geophysical Research</i> , 2002, 107, CRI 5-1-CRI 5-22.	3.3	18
87	Comparison of mesospheric and lower thermospheric residual wind with High Resolution Doppler Imager, medium frequency, and meteor radar winds. <i>Journal of Geophysical Research</i> , 2000, 105, 27023-27035.	3.3	17
88	A climatology of planetary wave-driven mesospheric inversion layers in the extratropical winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 399-413.	1.2	17
89	Natural and human-induced perturbations in the middle atmosphere: A short tutorial. <i>Geophysical Monograph Series</i> , 2000, , 7-20.	0.1	16
90	WACCM climate chemistry sensitivity to sprite perturbations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6958-6970.	1.2	16

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91	Estimation of the equivalent Rayleigh friction in mesosphere/lower thermosphere region from the migrating diurnal tides observed by TIMED. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	15
92	Double-layer structure of OH dayglow in the mesosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5778-5787.	0.8	15
93	The Response of the Southern Hemisphere Middle Atmosphere to the Madden-Julian Oscillation during Austral Winter Using the Specified-Dynamics Whole Atmosphere Community Climate Model. <i>Journal of Climate</i> , 2017, 30, 8317-8333.	1.2	15
94	Seasonal variation of the Hough modes of the diurnal component of ozone heating evaluated from Aura Microwave Limb Sounder observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	14
95	Nighttime ozone variability in the high latitude winter mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,547.	1.2	14
96	Examining the stratospheric response to the solar cycle in a coupled WACCM simulation with an internally generated QBO. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4843-4856.	1.9	14
97	First Observations of Short-Period Eastward Propagating Planetary Waves From the Stratosphere to the Lower Thermosphere (110 km) in Winter Antarctica. <i>Geophysical Research Letters</i> , 2017, 44, 10,744.	1.5	14
98	Winds and tides of the Antarctic mesosphere and lower thermosphere: One year of meteor-radar observations over Rothera (68°S, 68°W) and comparisons with WACCM and eCMAM. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 212, 105510.	0.6	14
99	Representation of the equatorial stratopause semiannual oscillation in global atmospheric reanalyses. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9115-9133.	1.9	14
100	Conditions for the photochemical destabilization of gravity waves in the mesopause region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2001, 63, 1821-1829.	0.6	13
101	Temporal evolution of nightglow emission responses to SSW events observed by TIMED/SABER. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	13
102	The Integrated Enstrophy Budget of the Winter Stratosphere Diagnosed from LIMS Data. <i>Journals of the Atmospheric Sciences</i> , 1986, 43, 1074-1086.	0.6	12
103	Salaries and Advancement of Women Faculty in Atmospheric Science: Some Reasons for Concern. <i>Bulletin of the American Meteorological Society</i> , 1996, 77, 473-490.	1.7	12
104	Evaluation of the Mesospheric Polar Vortices in WACCM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10626-10645.	1.2	12
105	The equatorial stratospheric semiannual oscillation and time-mean winds in QBOi models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 1593-1609.	1.0	12
106	A retrieval algorithm for satellite remote sensing of the nighttime global distribution of the sodium layer. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 739-748.	0.6	11
107	Global Occurrence and Chemical Impact of Stratospheric Blue Jets Modeled With WACCM4. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2841-2864.	1.2	11
108	Studies of gravity wave-induced fluctuations of the sodium layer using linear and nonlinear models. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	10

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109	Long-term Variability and Tendencies in Middle Atmosphere Temperature and Zonal Wind From WACCM6 Simulations During 1850–2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033579.	1.2	10
110	Spatial and Temporal Structure of the Tertiary Ozone Maximum in the Polar Winter Mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4373-4389.	1.2	8
111	The eddy transport of nonconserved trace species derived from satellite data. <i>Journal of Geophysical Research</i> , 1988, 93, 11103-11122.	3.3	7
112	Observation of low frequency Kelvin waves in the mesosphere. <i>Earth, Planets and Space</i> , 1999, 51, 649-656.	0.9	7
113	Comparison of horizontal winds from the LIMS satellite instrument with rocket measurements. <i>Journal of Geophysical Research</i> , 1985, 90, 3897-3901.	3.3	6
114	Lagrangian Mean Circulations in the Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1987, 44, 2252-2266.	0.6	6
115	A Resonant Wave in a Numerical Model of the 1979 Sudden Stratospheric Warming. <i>Journals of the Atmospheric Sciences</i> , 1987, 44, 3150-3161.	0.6	6
116	Longitudinal variability of the mesopause SAO. <i>Geophysical Research Letters</i> , 1997, 24, 1991-1994.	1.5	6
117	Strato-mesospheric ozone measurements using ground-based millimeter-wave spectroscopy at Thule, Greenland. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	6
118	Nonmigrating tidal variability in the SABER/TIMED mesospheric ozone. <i>Geophysical Research Letters</i> , 2014, 41, 4059-4067.	1.5	6
119	Dynamical and chemical feedback in a two-dimensional interactive model of the middle atmosphere. <i>Journal of Geophysical Research</i> , 1995, 100, 11085.	3.3	5
120	The heating efficiency of the exothermic reaction $\text{H} + \text{O}_3$ in the mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12739-12747.	1.2	5
121	An upper-branch Brewer–Dobson circulation index for attribution of stratospheric variability and improved ozone and temperature trend analysis. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15485-15500.	1.9	5
122	Long-term Variability and Tendencies in Migrating Diurnal Tide From WACCM6 Simulations During 1850–2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033644.	1.2	5
123	SABER Observations of Daytime Atomic Oxygen and Ozone Variability in the Mesosphere. , 2011, , 75-82.		5
124	The dependence of constituent transport on chemistry in a two-dimensional model of the middle atmosphere. <i>Journal of Geophysical Research</i> , 1990, 95, 13749-13764.	3.3	3
125	Effects of solar proton events on dayglow observed by the TIMED/SABER satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7619-7635.	0.8	3
126	Mesospheric Nitric Oxide Transport in WACCM. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	3

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127	Global Middle-Atmosphere Response to Winter Stratospheric Variability in SABER and MLS Mean Temperature. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 1727-1741.	0.6	3
128	Simulations of Zonal Mean Gravity Wave Drag Short-Term Variability in the Southern Hemisphere Mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 11,849.	1.2	2
129	Can the Madden-Julian Oscillation Affect the Antarctic Total Column Ozone?. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088886.	1.5	2
130	Long-Term Variability and Tendencies in Non-Migrating Diurnal Tide From WACCM6 Simulations During 1850-2014. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028904.	0.8	2
131	Impact of averaged photolysis rates on stratospheric chemical models. <i>Journal of Geophysical Research</i> , 1995, 100, 11173.	3.3	1
132	The study and applications of photochemical-dynamical gravity wave model II. <i>Science in China Series A: Mathematics</i> , 2002, 45, 175-182.	0.5	0
133	Interactions Between the Lower, Middle and Upper Atmosphere. <i>Space Sciences Series of ISSI</i> , 2011, , 1-21.	0.0	0
134	Data Availability Principles and Practice. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 3983-3984.	0.6	0
135	Significance Statements Communicate Our Science More Widely. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 3981-3981.	0.6	0