

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 | The equatorial stratospheric semiannual oscillation and time-averaged winds in QBOi models. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 1593-1609. | 1.0 | 12 |
| 2 | Evaluation of the Quasi-Biennial Oscillation in global climate models for the SPARC QBO initiative. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 1459-1489. | 1.0 | 41 |
| 3 | Mesospheric Nitric Oxide Transport in WACCM. Journal of Geophysical Research: Space Physics, 2022, 127, . | 0.8 | 3 |
| 4 | Global Middle-Atmosphere Response to Winter Stratospheric Variability in SABER and MLS Mean Temperature. Journals of the Atmospheric Sciences, 2022, 79, 1727-1741. | 0.6 | 3 |
| 5 | 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. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 212, 105510. | 0.6 | 14 |
| 6 | Long-Term Variability and Tendencies in Non-Migrating Diurnal Tide From WACCM6 Simulations During 1850-2014. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028904. | 0.8 | 2 |
| 7 | Long-Term Variability and Tendencies in Migrating Diurnal Tide From WACCM6 Simulations During 1850-2014. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033644. | 1.2 | 5 |
| 8 | Can the Madden-Julian Oscillation Affect the Antarctic Total Column Ozone?. Geophysical Research Letters, 2020, 47, e2020GL088886. | 1.5 | 2 |
| 9 | Long-Term Variability and Tendencies in Middle Atmosphere Temperature and Zonal Wind From WACCM6 Simulations During 1850-2014. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033579. | 1.2 | 10 |
| 10 | Representation of the equatorial stratopause semiannual oscillation in global atmospheric reanalyses. Atmospheric Chemistry and Physics, 2020, 20, 9115-9133. | 1.9 | 14 |
| 11 | Data Availability Principles and Practice. Journals of the Atmospheric Sciences, 2020, 77, 3983-3984. | 0.6 | 0 |
| 12 | Significance Statements Communicate Our Science More Widely. Journals of the Atmospheric Sciences, 2020, 77, 3981-3981. | 0.6 | 0 |
| 13 | The Whole Atmosphere Community Climate Model Version 6 (WACCM6). Journal of Geophysical Research D: Atmospheres, 2019, 124, 12380-12403. | 1.2 | 261 |
| 14 | Insignificant influence of the 11-year solar cycle on the North Atlantic Oscillation. Nature Geoscience, 2019, 12, 94-99. | 5.4 | 42 |
| 15 | Global Occurrence and Chemical Impact of Stratospheric Blue Jets Modeled With WACCM4. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2841-2864. | 1.2 | 11 |
| 16 | Comparison of Six Lightning Parameterizations in CAM5 and the Impact on Global Atmospheric Chemistry. Earth and Space Science, 2019, 6, 2317-2346. | 1.1 | 24 |
| 17 | Evaluation of the Mesospheric Polar Vortices in WACCM. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10626-10645. | 1.2 | 12 |
| 18 | Interhemispheric Coupling Mechanisms in the Middle Atmosphere of WACCM6. Journals of the Atmospheric Sciences, 2019, 77, 1101-1118. | 0.6 | 25 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | On the Dynamical Control of the Mesosphere-Lower Thermosphere by the Lower and Middle Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 933-947. | 0.6 | 58 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Sensitivity of Sudden Stratospheric Warmings to Previous Stratospheric Conditions. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 2857-2877. | 0.6 | 62 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Southern Hemisphere Summer Mesopause Responses to El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2016, 29, 6319-6328. | 1.2 | 23 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | Double-layer structure of OH dayglow in the mesosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5778-5787. | 0.8 | 15 |
| 38 | 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 |
| 39 | The heating efficiency of the exothermic reaction $H\hat{A}+O\hat{A}\langle sub \rangle 3 \langle /sub \rangle$ in the mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12739-12747. | 1.2 | 5 |
| 40 | 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 |
| 41 | WACCM climate chemistry sensitivity to sprite perturbations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6958-6970. | 1.2 | 16 |
| 42 | Nighttime ozone variability in the high latitude winter mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,547. | 1.2 | 14 |
| 43 | On the distribution of $CO\langle sub \rangle 2 \langle /sub \rangle$ and CO in the mesosphere and lower thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5700-5718. | 1.2 | 90 |
| 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 | 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 |
| 46 | 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 |
| 47 | Nonmigrating tidal variability in the SABER/TIMED mesospheric ozone. <i>Geophysical Research Letters</i> , 2014, 41, 4059-4067. | 1.5 | 6 |
| 48 | 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 |
| 49 | Satellite observations of ozone in the upper mesosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5803-5821. | 1.2 | 63 |
| 50 | 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 |
| 51 | 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 |
| 52 | Stratospheric $O\langle sub \rangle 3 \langle /sub \rangle$ 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 |
| 53 | The diurnal and semidiurnal tides over Ascension Island (\hat{A}° S, $14\hat{A}^{\circ}$ 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 |
| 54 | 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 |

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| 55 | Nighttime secondary ozone layer during major stratospheric sudden warmings in specified dynamics WACCM. Journal of Geophysical Research D: Atmospheres, 2013, 118, 8346-8358. | 1.2 | 40 |
| 56 | Atomic oxygen in the mesosphere and lower thermosphere derived from SABER: Algorithm theoretical basis and measurement uncertainty. Journal of Geophysical Research D: Atmospheres, 2013, 118, 5724-5735. | 1.2 | 101 |
| 57 | The role of the solar irradiance variability in the evolution of the middle atmosphere during 2004-2009. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3781-3793. | 1.2 | 19 |
| 58 | Odin observations of Antarctic nighttime NO densities in the mesosphere-lower thermosphere and observations of a lower NO layer. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7414-7425. | 1.2 | 23 |
| 59 | Features of the seasonal variation of the semidiurnal, terdiurnal and 6-h components of ozone heating evaluated from Aura/MLS observations. Annales Geophysicae, 2012, 30, 259-281. | 0.6 | 25 |
| 60 | CO ₂ (ν_2)-O quenching rate coefficient derived from coincidental SABER/TIMED and Fort Collins lidar observations of the mesosphere and lower thermosphere. Atmospheric Chemistry and Physics, 2012, 12, 9013-9023. | 1.9 | 27 |
| 61 | Transport of mesospheric H ₂ O during and after the stratospheric sudden warming of January 2010: observation and simulation. Atmospheric Chemistry and Physics, 2012, 12, 5413-5427. | 1.9 | 33 |
| 62 | Global Dynamics of the MLT. Surveys in Geophysics, 2012, 33, 1177-1230. | 2.1 | 161 |
| 63 | Strato-mesospheric ozone measurements using ground-based millimeter-wave spectroscopy at Thule, Greenland. Journal of Geophysical Research, 2012, 117, . | 3.3 | 6 |
| 64 | Using TIMED/SABER nightglow observations to investigate hydroxyl emission mechanisms in the mesopause region. Journal of Geophysical Research, 2012, 117, . | 3.3 | 76 |
| 65 | Interactions Between the Lower, Middle and Upper Atmosphere. Space Science Reviews, 2012, 168, 1-21. | 3.7 | 24 |
| 66 | The impact of solar spectral irradiance variability on middle atmospheric ozone. Geophysical Research Letters, 2011, 38, n/a-n/a. | 1.5 | 70 |
| 67 | Temporal evolution of nightglow emission responses to SSW events observed by TIMED/SABER. Journal of Geophysical Research, 2011, 116, . | 3.3 | 13 |
| 68 | WACCM simulations of the mean circulation and trace species transport in the winter mesosphere. Journal of Geophysical Research, 2011, 116, . | 3.3 | 123 |
| 69 | SABER Observations of Daytime Atomic Oxygen and Ozone Variability in the Mesosphere. , 2011, , 75-82. | | 5 |
| 70 | Interactions Between the Lower, Middle and Upper Atmosphere. Space Sciences Series of ISSI, 2011, , 1-21. | 0.0 | 0 |
| 71 | Thermosphere extension of the Whole Atmosphere Community Climate Model. Journal of Geophysical Research, 2010, 115, . | 3.3 | 144 |
| 72 | Seasonal variation of the Hough modes of the diurnal component of ozone heating evaluated from Aura Microwave Limb Sounder observations. Journal of Geophysical Research, 2010, 115, . | 3.3 | 14 |

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|----|--|-----|-----------|
| 73 | Temporal variations of atomic oxygen in the upper mesosphere from SABER. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 135 |
| 74 | Strong longitudinal variations in the OH nightglow. <i>Geophysical Research Letters</i> , 2010, 37, . | 1.5 | 52 |
| 75 | Simulations of the response of mesospheric circulation and temperature to the Antarctic ozone hole. <i>Geophysical Research Letters</i> , 2010, 37, . | 1.5 | 29 |
| 76 | SABER observations of mesospheric ozone during NH late winter 2002â€“2009. <i>Geophysical Research Letters</i> , 2009, 36, . | 1.5 | 57 |
| 77 | 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 |
| 78 | 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 |
| 79 | Spatio-temporal observations of the tertiary ozone maximum. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4439-4445. | 1.9 | 29 |
| 80 | 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 |
| 81 | Decadalâ€“scale periodicities in the stratosphere associated with the solar cycle and the QBO. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 33 |
| 82 | Assessment of the quality of the Version 1.07 temperatureâ€“versusâ€“pressure profiles of the middle atmosphere from TIMED/SABER. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 369 |
| 83 | Satellite observations of high nighttime ozone at the equatorial mesopause. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 46 |
| 84 | 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 |
| 85 | 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 |
| 86 | Global structure and longâ€“term variations of zonal mean temperature observed by TIMED/SABER. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 64 |
| 87 | SABER observations of the OH Meinel airglow variability near the mesopause. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 88 |
| 88 | 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 |
| 89 | 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 |
| 90 | Processes that account for the ozone maximum at the mesopause. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 61 |

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| 91 | Physics and chemistry of the mesopause region. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 839-857. | 0.6 | 63 |
| 92 | Studies of gravity wave-induced fluctuations of the sodium layer using linear and nonlinear models. Journal of Geophysical Research, 2004, 109, . | 3.3 | 10 |
| 93 | Observations and modeling of the 6-hour tide in the upper mesosphere. Journal of Geophysical Research, 2004, 109, . | 3.3 | 38 |
| 94 | Simulation of the combined effects of solar cycle, quasi-biennial oscillation, and volcanic forcing on stratospheric ozone changes in recent decades. Journal of Geophysical Research, 2003, 108, . | 3.3 | 112 |
| 95 | A numerical study of the effect of gravity-wave propagation on minor species distributions in the mesopause region. Journal of Geophysical Research, 2003, 108, n/a-n/a. | 3.3 | 35 |
| 96 | Interaction of chemical heating and the diurnal tide in the mesosphere. Journal of Geophysical Research, 2003, 108, . | 3.3 | 33 |
| 97 | Mesospheric ozone response to changes in water vapor. Journal of Geophysical Research, 2003, 108, n/a-n/a. | 3.3 | 56 |
| 98 | Perturbations of the sodium layer: controlled by chemistry or dynamics?. Geophysical Research Letters, 2003, 30, . | 1.5 | 36 |
| 99 | The Origin of Stationary Planetary Waves in the Upper Mesosphere. Journals of the Atmospheric Sciences, 2003, 60, 3033-3041. | 0.6 | 108 |
| 100 | Middle atmosphere Kelvin waves observed in Cryogenic Infrared Spectrometers and Telescopes for the Atmosphere (CRISTA) 1 and 2 temperature and trace species. Journal of Geophysical Research, 2002, 107, CRI 5-1-CRI 5-22. | 3.3 | 18 |
| 101 | Response of the mesosphere to human-induced perturbations and solar variability calculated by a 2-D model. Journal of Geophysical Research, 2002, 107, ACH 7-1. | 3.3 | 52 |
| 102 | The study and applications of photochemical-dynamical gravity wave model II. Science in China Series A: Mathematics, 2002, 45, 175-182. | 0.5 | 0 |
| 103 | The existence of a tertiary ozone maximum in the high-latitude middle mesosphere. Geophysical Research Letters, 2001, 28, 4531-4534. | 1.5 | 81 |
| 104 | Modeling and Analysis of the Structure and Generation of the Terdiurnal Tide. Journals of the Atmospheric Sciences, 2001, 58, 3116-3134. | 0.6 | 65 |
| 105 | Conditions for the photochemical destabilization of gravity waves in the mesopause region. Journal of Atmospheric and Solar-Terrestrial Physics, 2001, 63, 1821-1829. | 0.6 | 13 |
| 106 | Natural and human-induced perturbations in the middle atmosphere: A short tutorial. Geophysical Monograph Series, 2000, , 7-20. | 0.1 | 16 |
| 107 | Comparison of mesospheric and lower thermospheric residual wind with High Resolution Doppler Imager, medium frequency, and meteor radar winds. Journal of Geophysical Research, 2000, 105, 27023-27035. | 3.3 | 17 |
| 108 | The effects of gravity waves on distributions of chemically active constituents in the mesopause region. Journal of Geophysical Research, 2000, 105, 26593-26602. | 3.3 | 21 |

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|-----|--|-----|-----------|
| 109 | Structure of the terdiurnal tide at 95 km. <i>Geophysical Research Letters</i> , 2000, 27, 177-180. | 1.5 | 63 |
| 110 | Observation of low frequency Kelvin waves in the mesosphere. <i>Earth, Planets and Space</i> , 1999, 51, 649-656. | 0.9 | 7 |
| 111 | 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 |
| 112 | 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 |
| 113 | Longitudinal variability of the mesopause SAO. <i>Geophysical Research Letters</i> , 1997, 24, 1991-1994. | 1.5 | 6 |
| 114 | Stationary Planetary Waves in Upper Mesospheric Winds. <i>Journals of the Atmospheric Sciences</i> , 1997, 54, 2129-2145. | 0.6 | 63 |
| 115 | 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 |
| 116 | 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 |
| 117 | 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 |
| 118 | Impact of averaged photolysis rates on stratospheric chemical models. <i>Journal of Geophysical Research</i> , 1995, 100, 11173. | 3.3 | 1 |
| 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 | Chemistry of the 1991-1992 stratospheric winter: Three-dimensional model simulations. <i>Journal of Geophysical Research</i> , 1994, 99, 8183. | 3.3 | 285 |
| 121 | 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 |
| 122 | Numerical simulation of the seasonal variation of mesospheric water vapor. <i>Journal of Geophysical Research</i> , 1991, 96, 7553-7563. | 3.3 | 35 |
| 123 | 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 |
| 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 | The eddy transport of nonconserved trace species derived from satellite data. <i>Journal of Geophysical Research</i> , 1988, 93, 11103-11122. | 3.3 | 7 |
| 126 | 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 |

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|-----|---|-----|-----------|
| 127 | Lagrangian Mean Circulations in the Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1987, 44, 2252-2266. | 0.6 | 6 |
| 128 | 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 |
| 129 | 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 |
| 130 | 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 |
| 131 | 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 |
| 132 | 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 |
| 133 | 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 |
| 134 | Observation of Wave-Wave Interactions in the Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1983, 40, 2484-2496. | 0.6 | 33 |
| 135 | Stationary Waves in the Winter Stratosphere: Seasonal and Interannual Variability. <i>Journals of the Atmospheric Sciences</i> , 1983, 40, 245-261. | 0.6 | 31 |