

R R Garcia

List of Publications by Year in descending order

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140
papers

14,870
citations

26610

56
h-index

20343

116
g-index

179
all docs

179
docs citations

179
times ranked

6861
citing authors

#	ARTICLE	IF	CITATIONS
1	The equatorial stratospheric semiannual oscillation and time-mean winds in QBOi models. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 1593-1609.	1.0	12
2	An evaluation of tropical waves and wave forcing of the QBO in the QBOi models. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 1541-1567.	1.0	29
3	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
4	Response of the Quasi-Biennial Oscillation to a warming climate in global climate models. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 1490-1518.	1.0	36
5	Teleconnections of the Quasi-Biennial Oscillation in a multi-model ensemble of QBO-resolving models. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 1568-1592.	1.0	23
6	Inter-Hemispheric Coupling During Sudden Stratospheric Warming Events With Elevated Stratopause. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	3
7	Impact of Increased Vertical Resolution in WACCM on the Climatology of Major Sudden Stratospheric Warmings. Atmosphere, 2022, 13, 546.	1.0	1
8	Atmospheric Chemistry Signatures of an Equatorially Symmetric Matsuno-Gill Circulation Pattern. Journals of the Atmospheric Sciences, 2021, 78, 107-116.	0.6	1
9	Upward transport into and within the Asian monsoon anticyclone as inferred from StratoClim trace gas observations. Atmospheric Chemistry and Physics, 2021, 21, 1267-1285.	1.9	25
10	Tropical Stratospheric Circulation and Ozone Coupled to Pacific Multi-Decadal Variability. Geophysical Research Letters, 2021, 48, e2020GL092162.	1.5	5
11	On the response of the middle atmosphere to anthropogenic forcing. Annals of the New York Academy of Sciences, 2021, 1504, 25-43.	1.8	1
12	The Montreal Protocol protects the terrestrial carbon sink. Nature, 2021, 596, 384-388.	13.7	38
13	The Brewer-Dobson circulation in CMIP6. Atmospheric Chemistry and Physics, 2021, 21, 13571-13591.	1.9	25
14	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
15	An Evaluation of the Large-Scale Atmospheric Circulation and Its Variability in CESM2 and Other CMIP Models. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032835.	1.2	55
16	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
17	The Community Earth System Model Version 2 (CESM2). Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001916.	1.3	935
18	Future trends in stratosphere-to-troposphere transport in CCM1 models. Atmospheric Chemistry and Physics, 2020, 20, 6883-6901.	1.9	25

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19	Causes and Climatic Consequences of the Impact Winter at the Cretaceous–Paleogene Boundary. <i>Geophysical Research Letters</i> , 2020, 47, e60121.	1.5	40
20	The Chemistry Mechanism in the Community Earth System Model Version 2 (CESM2). <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001882.	1.3	189
21	Role of equatorial waves and convective gravity waves in the 2015/16 Quasi-biennial oscillation disruption. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14669-14693.	1.9	19
22	Middle Atmosphere Temperature Trends in the Twentieth and Twenty-First Centuries Simulated With the Whole Atmosphere Community Climate Model (WACCM). <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7984-7993.	0.8	24
23	The Whole Atmosphere Community Climate Model Version 6 (WACCM6). <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12380-12403.	1.2	261
24	100 Years of Progress in Understanding the Stratosphere and Mesosphere. <i>Meteorological Monographs</i> , 2019, 59, 27.1-27.62.	5.0	37
25	The influence of mixing on the stratospheric age of air changes in the 21st century. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 921-940.	1.9	29
26	The effect of atmospheric nudging on the stratospheric residual circulation in chemistry–climate models. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11559-11586.	1.9	27
27	Increasing Water Vapor in the Stratosphere and Mesosphere After 2002. <i>Geophysical Research Letters</i> , 2019, 46, 13452-13460.	1.5	24
28	On the Momentum Budget of the Quasi-Biennial Oscillation in the Whole Atmosphere Community Climate Model. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 69-87.	0.6	52
29	Assessing the ability to derive rates of polar middle-atmospheric descent using trace gas measurements from remote sensors. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1457-1474.	1.9	18
30	Significant Weakening of Brewer–Dobson Circulation Trends Over the 21st Century as a Consequence of the Montreal Protocol. <i>Geophysical Research Letters</i> , 2018, 45, 401-409.	1.5	50
31	Ozone sensitivity to varying greenhouse gases and ozone-depleting substances in CCM1 simulations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1091-1114.	1.9	56
32	Response of Arctic ozone to sudden stratospheric warmings. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16499-16513.	1.9	26
33	Effects of Different Stratospheric SO ₂ Injection Altitudes on Stratospheric Chemistry and Dynamics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4654-4673.	1.2	58
34	Overview of experiment design and comparison of models participating in phase 1 of the SPARC Quasi-Biennial Oscillation initiative (QBOi). <i>Geoscientific Model Development</i> , 2018, 11, 1009-1032.	1.3	81
35	On Long-Term SABER CO ₂ Trends and Effects Due to Nonuniform Space and Time Sampling. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7958-7967.	0.8	20
36	Quantifying the effect of mixing on the mean age of air in CCMVal-2 and CCM1 models. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6699-6720.	1.9	32

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37	Revisiting Southern Hemisphere polar stratospheric temperature trends in WACCM: The role of dynamical forcing. <i>Geophysical Research Letters</i> , 2017, 44, 3402-3410.	1.5	15
38	Variations of global gravity waves derived from 14 years of SABER temperature observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6231-6249.	1.2	50
39	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
40	Mirrored changes in Antarctic ozone and stratospheric temperature in the late 20th versus early 21st centuries. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8940-8950.	1.2	35
41	On transient climate change at the Cretaceous-Paleogene boundary due to atmospheric soot injections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7415-E7424.	3.3	69
42	Validation of the MIPAS CO ₂ volume mixing ratio in the mesosphere and lower thermosphere and comparison with WACCM simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8345-8366.	1.2	14
43	Using the Artificial Tracer e90 to Examine Present and Future UTLS Tracer Transport in WACCM. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 3383-3403.	0.6	32
44	Sensitivity of Sudden Stratospheric Warmings to Previous Stratospheric Conditions. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 2857-2877.	0.6	62
45	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
46	Determination of the atmospheric lifetime and global warming potential of sulfur hexafluoride using a three-dimensional model. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 883-898.	1.9	49
47	Review of the global models used within phase 1 of the Chemistry-Climate Model Initiative (CCMI). <i>Geoscientific Model Development</i> , 2017, 10, 639-671.	1.3	277
48	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
49	Monsoon circulations and tropical heterogeneous chlorine chemistry in the stratosphere. <i>Geophysical Research Letters</i> , 2016, 43, 12,624.	1.5	23
50	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
51	The 11 year solar cycle signature on wave-driven dynamics in WACCM. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3484-3496.	0.8	13
52	On the secular trend of CO _x and CO ₂ in the lower thermosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3634-3644.	1.2	20
53	Designing global climate and atmospheric chemistry simulations for 1 and 10 km diameter asteroid impacts using the properties of ejecta from the K-Pg impact. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13185-13212.	1.9	24
54	Diagnosis of Middle-Atmosphere Climate Sensitivity by the Climate Feedback-Response Analysis Method. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 3-23.	0.6	4

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55	The Importance of the Montreal Protocol in Mitigating the Potential Intensity of Tropical Cyclones. <i>Journal of Climate</i> , 2016, 29, 2275-2289.	1.2	14
56	Validation of the global distribution of CO ₂ volume mixing ratio in the mesosphere and lower thermosphere from SABER. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12,067.	1.2	31
57	Increasing carbon dioxide concentration in the upper atmosphere observed by SABER. <i>Geophysical Research Letters</i> , 2015, 42, 7194-7199.	1.5	41
58	Simulation of polar ozone depletion: An update. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7958-7974.	1.2	132
59	Future Changes in the Brewer-Dobson Circulation under Different Greenhouse Gas Concentrations in WACCM4. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 2962-2975.	0.6	22
60	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
61	The importance of time-varying forcing for QBO modulation of the atmospheric 11% year solar cycle signal. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4435-4447.	1.2	30
62	Secondary planetary waves in the middle and upper atmosphere following the stratospheric sudden warming event of January 2012. <i>Geophysical Research Letters</i> , 2013, 40, 1861-1867.	1.5	83
63	The lower thermosphere during the northern hemisphere winter of 2009: A modeling study using high-altitude data assimilation products in WACCM-X. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8954-8968.	1.2	61
64	A climatology of elevated stratopause events in the whole atmosphere community climate model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1234-1246.	1.2	56
65	Simulation of polar stratospheric clouds in the specified dynamics version of the whole atmosphere community climate model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4991-5002.	1.2	47
66	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
67	Impact of very short-lived halogens on stratospheric ozone abundance and UV radiation in a geo-engineered atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 10945-10955.	1.9	53
68	CO at 40-80 km above Kiruna observed by the ground-based microwave radiometer KIMRA and simulated by the Whole Atmosphere Community Climate Model. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3261-3271.	1.9	18
69	Climatology and characteristics of stratospheric sudden warmings in the Whole Atmosphere Community Climate Model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	50
70	Reconciling modeled and observed temperature trends over Antarctica. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	17
71	World avoided simulations with the Whole Atmosphere Community Climate Model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	28
72	A case study of an elevated stratopause generated in the Whole Atmosphere Community Climate Model. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	42

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73	Multimodel climate and variability of the stratosphere. Journal of Geophysical Research, 2011, 116, .	3.3	139
74	Improved predictability of the troposphere using stratospheric final warmings. Journal of Geophysical Research, 2011, 116, .	3.3	70
75	WACCM simulations of the mean circulation and trace species transport in the winter mesosphere. Journal of Geophysical Research, 2011, 116, .	3.3	123
76	Attribution of observed changes in stratospheric ozone and temperature. Atmospheric Chemistry and Physics, 2011, 11, 599-609.	1.9	40
77	On the Determination of Age of Air Trends from Atmospheric Trace Species. Journals of the Atmospheric Sciences, 2011, 68, 139-154.	0.6	83
78	The potential to narrow uncertainty in projections of stratospheric ozone over the 21st century. Atmospheric Chemistry and Physics, 2010, 10, 9473-9486.	1.9	25
79	Thermosphere extension of the Whole Atmosphere Community Climate Model. Journal of Geophysical Research, 2010, 115, .	3.3	144
80	Solar surprise?. Nature, 2010, 467, 668-669.	13.7	22
81	Decline and recovery of total column ozone using a multimodel time series analysis. Journal of Geophysical Research, 2010, 115, .	3.3	74
82	The Role of the Middle Atmosphere in Simulations of the Troposphere during Northern Hemisphere Winter: Differences between High- and Low-Top Models. Journals of the Atmospheric Sciences, 2010, 67, 3048-3064.	0.6	15
83	Dynamical Mechanism for the Increase in Tropical Upwelling in the Lowermost Tropical Stratosphere during Warm ENSO Events. Journals of the Atmospheric Sciences, 2010, 67, 2331-2340.	0.6	152
84	Influences of the Indian Summer Monsoon on Water Vapor and Ozone Concentrations in the UTLS as Simulated by Chemistryâ€Climate Models. Journal of Climate, 2010, 23, 3525-3544.	1.2	17
85	Chemistryâ€Climate Model Simulations of Twenty-First Century Stratospheric Climate and Circulation Changes. Journal of Climate, 2010, 23, 5349-5374.	1.2	280
86	Role of the QBO in modulating the influence of the 11 year solar cycle on the atmosphere using constant forcings. Journal of Geophysical Research, 2010, 115, .	3.3	93
87	Anthropogenic forcing of the Northern Annular Mode in CCMValâ€2 models. Journal of Geophysical Research, 2010, 115, .	3.3	32
88	Stratosphereâ€troposphere coupling and annular mode variability in chemistryâ€climate models. Journal of Geophysical Research, 2010, 115, .	3.3	107
89	Simulations of the response of mesospheric circulation and temperature to the Antarctic ozone hole. Geophysical Research Letters, 2010, 37, .	1.5	29
90	Impact of stratospheric ozone on Southern Hemisphere circulation change: A multimodel assessment. Journal of Geophysical Research, 2010, 115, .	3.3	280

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91	Toward a Physically Based Gravity Wave Source Parameterization in a General Circulation Model. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 136-156.	0.6	374
92	Error Growth in a Whole Atmosphere Climate Model. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 173-186.	0.6	41
93	Wave Forcing of the Tropical Upwelling in the Lower Stratosphere under Increasing Concentrations of Greenhouse Gases. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3184-3196.	0.6	38
94	The Impact of Stratospheric Ozone Recovery on Tropopause Height Trends. <i>Journal of Climate</i> , 2009, 22, 429-445.	1.2	68
95	Coupled chemistry climate model simulations of stratospheric temperatures and their trends for the recent past. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	29
96	ENSO influence on zonal mean temperature and ozone in the tropical lower stratosphere. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	172
97	Long-term middle atmospheric influence of very large solar proton events. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	103
98	Impact of geoengineered aerosols on the troposphere and stratosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	141
99	Structure of the migrating diurnal tide in the Whole Atmosphere Community Climate Model (WACCM). <i>Advances in Space Research</i> , 2008, 41, 1398-1407.	1.2	46
100	The ENSO Signal in the Stratosphere. <i>Annals of the New York Academy of Sciences</i> , 2008, 1146, 16-31.	1.8	20
101	Climatology of mesopause region temperature, zonal wind, and meridional wind over Fort Collins, Colorado (41°N, 105°W), and comparison with model simulations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
102	Dynamics of the middle atmosphere as simulated by the Whole Atmosphere Community Climate Model, version 3 (WACCM3). <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	60
103	Forcing mechanism of the seasonally asymmetric quasi-biennial oscillation secondary circulation in ERA-40 and MAECHAM5. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	11
104	Acceleration of the Brewer-Dobson Circulation due to Increases in Greenhouse Gases. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 2731-2739.	0.6	302
105	Dynamical Balances and Tropical Stratospheric Upwelling. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3584-3595.	0.6	102
106	Massive global ozone loss predicted following regional nuclear conflict. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5307-5312.	3.3	114
107	The Impact of Stratospheric Ozone Recovery on the Southern Hemisphere Westerly Jet. <i>Science</i> , 2008, 320, 1486-1489.	6.0	307
108	Short- and medium-term atmospheric constituent effects of very large solar proton events. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 765-785.	1.9	156

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109	Simulation of secular trends in the middle atmosphere, 1950â€“2003. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	632
110	A set of diagnostics for evaluating chemistry-climate models in the extratropical tropopause region. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	55
111	Sensitivity of chemical tracers to meteorological parameters in the MOZARTâ€“3 chemical transport model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	395
112	Modeling the whole atmosphere response to solar cycle changes in radiative and geomagnetic forcing. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	230
113	Multimodel projections of stratospheric ozone in the 21st century. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	308
114	Evaluation of heterogeneous processes in the polar lower stratosphere in the Whole Atmosphere Community Climate Model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	33
115	Attribution of decadal variability in lowerâ€“stratospheric tropical ozone. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	61
116	Observations of intermediate-scale diurnal waves in the equatorial mesosphere and lower thermosphere. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	5
117	Propagation of ENSO temperature signals into the middle atmosphere: A comparison of two general circulation models and ERA-40 reanalysis data. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	179
118	Assessment of temperature, trace species, and ozone in chemistry-climate model simulations of the recent past. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	414
119	Large-Scale Waves in the Mesosphere and Lower Thermosphere Observed by SABER. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 4384-4399.	0.6	128
120	Implementation of a gravity wave source spectrum parameterization dependent on the properties of convection in the Whole Atmosphere Community Climate Model (WACCM). <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	117
121	Effect of El NiÃ±oâ€“Southern Oscillation on the dynamical, thermal, and chemical structure of the middle atmosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	242
122	Analysis of the ENSO Signal in Tropospheric and Stratospheric Temperatures Observed by MSU, 1979â€“2000. <i>Journal of Climate</i> , 2004, 17, 3934-3946.	1.2	62
123	Longest continuous ground-based measurements of mesospheric CO. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	32
124	On temperature inversions and the mesospheric surf zone. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 8-1.	3.3	130
125	Time-Dependent Upwelling in the Tropical Lower Stratosphere Estimated from the Zonal-Mean Momentum Budget. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 2141-2152.	0.6	134
126	A review of CO ₂ and CO abundances in the middle atmosphere. <i>Geophysical Monograph Series</i> , 2000, , 83-100.	0.1	41

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127	A detailed evaluation of the stratospheric heat budget: 2. Global radiation balance and diabatic circulations. <i>Journal of Geophysical Research</i> , 1999, 104, 6039-6066.	3.3	52
128	Climatology of the semiannual oscillation of the tropical middle atmosphere. <i>Journal of Geophysical Research</i> , 1997, 102, 26019-26032.	3.3	229
129	Role of aerosol variations in anthropogenic ozone depletion in the polar regions. <i>Journal of Geophysical Research</i> , 1996, 101, 22991-23006.	3.3	121
130	“Downward Control” of the Mean Meridional Circulation and Temperature Distribution of the Polar Winter Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1994, 51, 2238-2245.	0.6	206
131	Middle atmosphere cooling. <i>Nature</i> , 1992, 357, 18-18.	13.7	2
132	Parameterization of Planetary Wave Breaking in the Middle Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 1991, 48, 1405-1419.	0.6	88
133	Tracer Transport by the Diabatic Circulation Deduced from Satellite Observations. <i>Journals of the Atmospheric Sciences</i> , 1986, 43, 1603-1617.	0.6	118
134	On the depletion of Antarctic ozone. <i>Nature</i> , 1986, 321, 755-758.	13.7	1,382
135	Photochemistry and Transport of Carbon Monoxide in the Middle Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 1985, 42, 1072-1083.	0.6	111
136	The effect of breaking gravity waves on the dynamics and chemical composition of the mesosphere and lower thermosphere. <i>Journal of Geophysical Research</i> , 1985, 90, 3850-3868.	3.3	724
137	A numerical model of the zonally averaged dynamical and chemical structure of the middle atmosphere. <i>Journal of Geophysical Research</i> , 1983, 88, 1379-1400.	3.3	360
138	The Role of Planetary Waves in the Maintenance of the Zonally Averaged Ozone Distribution of the Upper Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1980, 37, 2248-2264.	0.6	31
139	A Mechanistic Model of Ozone Transport by Planetary Waves in the Stratosphere. <i>Journals of the Atmospheric Sciences</i> , 1979, 36, 350-364.	0.6	84
140	Variability of water vapor in the tropical middle atmosphere observed from satellites and interpreted using SD-WACCM simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	1.2	7