Anthony D Del Genio

List of Publications by Year
in descending order

173	17,388	13865 67	15266 126
papers	citations	h-index	g-index

192	192	192	12297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of Tropical Cyclone Properties Across the Development Cycle of the GISSâ€Ł3 Global Climate Model. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	2
2	Future Climate Change Under SSP Emission Scenarios With GISSâ€Ł2.1. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	22
3	A Simple Model for Tropical Convective Cloud Shield Area Growth and Decay Rates Informed by Geostationary IR, GPM, and Aqua/AIRS Satellite Data. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	3
4	Tropopause and lower stratosphere winds and eddy fluxes on Saturn as seen by Cassini imaging. Icarus, 2021, 354, 114095.	2.5	4
5	CMIP6 Historical Simulations (1850â€“2014) With GISSâ€Ł2.1. Journal of Advances in Modeling Earth Systems, 2021, 13, e2019MS002034.	3.8	49
6	Observational constraint on cloud feedbacks suggests moderate climate sensitivity. Nature Climate Change, 2021, 11, 213-218.	18.8	47
7	3D Simulations of the Early Martian Hydrological Cycle Mediated by a H₂â€CO₂Greenhouse. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006825.	3.6	12
8	Effects of Spinâ€“Orbit Resonances and Tidal Heating on the Inner Edge of the Habitable Zone. Astrophysical Journal, 2021, 921, 25.	4.5	5
9	Impact of space weather on climate and habitability of terrestrial-type exoplanets. International Journal of Astrobiology, 2020, 19, 136-194.	1.6	125
10	GISSâ€Ł2.1: Configurations and Climatology. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002025.	3.8	234
11	Venusian Habitable Climate Scenarios: Modeling Venus Through Time and Applications to Slowly Rotating Venusâ€Łike Exoplanets. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006276.	3.6	101
12	Characteristics of Model Tropical Cyclone Climatology and the Large-Scale Environment. Journal of Climate, 2020, 33, 4463-4487.	3.2	42
13	TRAPPIST-1 Habitable Atmosphere Intercomparison (THAI): motivations and protocol version 1.0. Geoscientific Model Development, 2020, 13, 707-716.	3.6	52
14	Anthony Del Genio: Climates of Planets Near and Far. Perspectives of Earth and Space Scientists, 2020, 1, e2019CN000109.	0.3	0
15	Enhanced Habitability on High Obliquity Bodies near the Outer Edge of the Habitable Zone of Sun-like Stars. Astrophysical Journal, 2019, 884, 138.	4.5	27
16	Cloud scattering impact on thermal radiative transfer and global longwave radiation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 239, 106669.	2.3	10
17	Ongoing Breakthroughs in Convective Parameterization. Current Climate Change Reports, 2019, 5, 95-111.	8.6	50
18	Climates of Warm Earth-like Planets. II. Rotational â€œGoldilocksâ€•Zones for Fractional Habitability and Silicate Weathering. Astrophysical Journal, 2019, 875, 79.	4.5	23

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19	Evaluating models' response of tropical low clouds to SST forcings using CALIPSO observations. Atmospheric Chemistry and Physics, 2019, 19, 2813-2832.	4.9	34
20	Albedos, Equilibrium Temperatures, and Surface Temperatures of Habitable Planets. Astrophysical Journal, 2019, 884, 75.	4.5	18
21	Climates of Warm Earth-like Planets. III. Fractional Habitability from a Water Cycle Perspective. Astrophysical Journal, 2019, 887, 197.	4.5	5
22	Habitable Climate Scenarios for Proxima Centauri b with a Dynamic Ocean. Astrobiology, 2019, 19, 99-125.	3.0	80
23	Is Precipitation a Good Metric for Model Performance?. Bulletin of the American Meteorological Society, 2019, 100, 223-233.	3.3	64
24	The Cumulus And Stratocumulus CloudSat-CALIPSO Dataset (CASCCAD). Earth System Science Data, 2019, 11, 1745-1764.	9.9	18
25	The Role of Remote Sensing Displays in Earth Climate and Planetary Atmospheric Research. , 2019, , 207-234.		0
26	Exoplanet Biosignatures: A Framework for Their Assessment. Astrobiology, 2018, 18, 709-738.	3.0	139
27	Climates of Warm Earth-like Planets. I. 3D Model Simulations. Astrophysical Journal, Supplement Series, 2018, 239, 24.	7.7	61
28	Titan's Meteorology Over the Cassini Mission: Evidence for Extensive Subsurface Methane Reservoirs. Geophysical Research Letters, 2018, 45, 5320-5328.	4.0	47
29	Interactive nature of climate change and aerosol forcing. Journal of Geophysical Research D: Atmospheres, 2017, 122, 3457-3480.	3.3	25
30	An Improved Convective Ice Parameterization for the NASA GISS Global Climate Model and Impacts on Cloud Ice Simulation. Journal of Climate, 2017, 30, 317-336.	3.2	33
31	NIR-driven Moist Upper Atmospheres of Synchronously Rotating Temperate Terrestrial Exoplanets. Astrophysical Journal, 2017, 848, 100.	4.5	53
32	Resolving Orbital and Climate Keys of Earth and Extraterrestrial Environments with Dynamics (ROCKE-3D) 1.0: A General Circulation Model for Simulating the Climates of Rocky Planets. Astrophysical Journal, Supplement Series, 2017, 231, 12.	7.7	106
33	Changes in the structure and propagation of the <scp>M</scp>JO with increasing <scp>C</scp>O₂. Journal of Advances in Modeling Earth Systems, 2017, 9, 1251-1268.	3.8	44
34	Characterization of Moist Processes Associated With Changes in the Propagation of the MJO With Increasing CO₂. Journal of Advances in Modeling Earth Systems, 2017, 9, 2946-2967.	3.8	32
35	The Impact of ARM on Climate Modeling. Meteorological Monographs, 2016, 57, 26.1-26.16.	5.0	6
36	Responses of Tropical Ocean Clouds and Precipitation to the Large-Scale Circulation: Atmospheric-Water-Budget-Related Phase Space and Dynamical Regimes. Journal of Climate, 2016, 29, 7127-7143.	3.2	10

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37	An objective classification of Saturn cloud features from Cassini ISS images. Icarus, 2016, 271, 222-236.	2.5	3
38	Was Venus the first habitable world of our solar system?. Geophysical Research Letters, 2016, 43, 8376-8383.	4.0	233
39	The Relationship between Boundary Layer Stability and Cloud Cover in the Post-Cold-Frontal Region. Journal of Climate, 2016, 29, 8129-8149.	3.2	45
40	Improving High-Resolution Weather Forecasts Using the Weather Research and Forecasting (WRF) Model with an Updated Kainâ€“Fritsch Scheme. Monthly Weather Review, 2016, 144, 833-860.	1.4	147
41	Constraints on Cumulus Parameterization from Simulations of Observed MJO Events. Journal of Climate, 2015, 28, 6419-6442.	3.2	71
42	Cloudâ€radiative driving of the Maddenâ€Julian oscillation as seen by the Aâ€Train. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5344-5356.	3.3	38
43	Future climate change under RCP emission scenarios with GISS <scp>M</scp>odelE2. Journal of Advances in Modeling Earth Systems, 2015, 7, 244-267.	3.8	112
44	Evaluating the Diurnal Cycle of Upper-Tropospheric Ice Clouds in Climate Models Using SMILES Observations. Journals of the Atmospheric Sciences, 2015, 72, 1022-1044.	1.7	35
45	Assessment of NASA GISS CMIP5 and Post-CMIP5 Simulated Clouds and TOA Radiation Budgets Using Satellite Observations. Part II: TOA Radiation Budget and CREs. Journal of Climate, 2015, 28, 1842-1864.	3.2	21
46	Role of Longwave Cloudâ€“Radiation Feedback in the Simulation of the Maddenâ€“Julian Oscillation. Journal of Climate, 2015, 28, 6979-6994.	3.2	59
47	Assessment of NASA GISS CMIP5 and Post-CMIP5 Simulated Clouds and TOA Radiation Budgets Using Satellite Observations. Part I: Cloud Fraction and Properties. Journal of Climate, 2014, 27, 4189-4208.	3.2	39
48	Evaluation of ERA-Interim and MERRA Cloudiness in the Southern Ocean. Journal of Climate, 2014, 27, 2109-2124.	3.2	116
49	Evaluation of Cloud Fraction Simulated by Seven SCMs against the ARM Observations at the SGP Site*. Journal of Climate, 2014, 27, 6698-6719.	3.2	10
50	Configuration and assessment of the GISS ModelE2 contributions to the CMIP5 archive. Journal of Advances in Modeling Earth Systems, 2014, 6, 141-184.	3.8	597
51	Diagnosing Warm Frontal Cloud Formation in a GCM: A Novel Approach Using Conditional Subsetting. Journal of Climate, 2013, 26, 5827-5845.	3.2	22
52	CGILS: Results from the first phase of an international project to understand the physical mechanisms of low cloud feedbacks in single column models. Journal of Advances in Modeling Earth Systems, 2013, 5, 826-842.	3.8	140
53	Evaluation of Precipitation Simulated by Seven SCMs against the ARM Observations at the SGP Site*. Journal of Climate, 2013, 26, 5467-5492.	3.2	31
54	Diagnosis of regimeâ€dependent cloud simulation errors in CMIP5 models using â€œAâ€Trainâ€•satellite observations and reanalysis data. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2762-2780.	3.3	90

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55	Characteristics of Mesoscale Organization in WRF Simulations of Convection during TWP-ICE. Journal of Climate, 2012, 25, 5666-5688.	3.2	51
56	The MJO Transition from Shallow to Deep Convection inCloudSat/CALIPSO Data and GISS GCM Simulations. Journal of Climate, 2012, 25, 3755-3770.	3.2	171
57	The Tropical Subseasonal Variability Simulated in the NASA GISS General Circulation Model. Journal of Climate, 2012, 25, 4641-4659.	3.2	148
58	Analysis of cloudâ€resolving simulations of a tropical mesoscale convective system observed during TWPâ€ICE: Vertical fluxes and draft properties in convective and stratiform regions. Journal of Geophysical Research, 2012, 117, .	3.3	26
59	Representing the Sensitivity of Convective Cloud Systems to Tropospheric Humidity in General Circulation Models. Surveys in Geophysics, 2012, 33, 637-656.	4.6	80
60	Constraints on Saturnâ€™s tropospheric general circulation from Cassini ISS images. Icarus, 2012, 219, 689-700.	2.5	29
61	Seasonal changes in Titan's meteorology. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	76
62	Rapid and Extensive Surface Changes Near Titanâ€™s Equator: Evidence of April Showers. Science, 2011, 331, 1414-1417.	12.6	184
63	Equatorial winds on Saturn and the stratosphericÂoscillation. Nature Geoscience, 2011, 4, 750-752.	12.9	16
64	Synoptically Driven Arctic Winter States. Journal of Climate, 2011, 24, 1747-1762.	3.2	132
65	Coupled Aerosol-Chemistryâ€“Climate Twentieth-Century Transient Model Investigation: Trends in Short-Lived Species and Climate Responses. Journal of Climate, 2011, 24, 2693-2714.	3.2	98
66	Black carbon semi-direct effects on cloud cover: review and synthesis. Atmospheric Chemistry and Physics, 2010, 10, 7685-7696.	4.9	503
67	The Role of Entrainment in the Diurnal Cycle of Continental Convection. Journal of Climate, 2010, 23, 2722-2738.	3.2	127
68	Evaluation of the NASA GISS Single-Column Model Simulated Clouds Using Combined Surface and Satellite Observations. Journal of Climate, 2010, 23, 5175-5192.	3.2	27
69	Cloud Vertical Distribution across Warm and Cold Fronts in CloudSatâ€“CALIPSO Data and a General Circulation Model. Journal of Climate, 2010, 23, 3397-3415.	3.2	72
70	Thermodynamic phase profiles of optically thin midlatitude clouds and their relation to temperature. Journal of Geophysical Research, 2010, 115, .	3.3	16
71	Saturn's emitted power. Journal of Geophysical Research, 2010, 115, .	3.3	33
72	Evaluation of tropical cloud regimes in observations and a general circulation model. Climate Dynamics, 2009, 32, 355-369.	3.8	66

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73	Intercomparison of model simulations of mixedâ€phase clouds observed during the ARM Mixedâ€Phase Arctic Cloud Experiment. II: Multilayer cloud. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 1003-1019.	2.7	84
74	Intercomparison of model simulations of mixedâ€phase clouds observed during the ARM Mixedâ€Phase Arctic Cloud Experiment. I: singleâ€layer cloud. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 979-1002.	2.7	224
75	Saturn's south polar vortex compared to other large vortices in the Solar System. Icarus, 2009, 202, 240-248.	2.5	50
76	Cloud ice: A climate model challenge with signs and expectations of progress. Journal of Geophysical Research, 2009, 114, .	3.3	313
77	WRF and GISS SCM simulations of convective updraft properties during TWPâ€ICE. Journal of Geophysical Research, 2009, 114, .	3.3	45
78	Distinguishing Aerosol Impacts on Climate over the Past Century. Journal of Climate, 2009, 22, 2659-2677.	3.2	140
79	Saturn Atmospheric Structure and Dynamics. , 2009, , 113-159.		38
80	Analyzing signatures of aerosolâ€cloud interactions from satellite retrievals and the GISS GCM to constrain the aerosol indirect effect. Journal of Geophysical Research, 2008, 113, .	3.3	56
81	Dynamics of Saturn's South Polar Vortex. Science, 2008, 319, 1801-1801.	12.6	50
82	The Spatiotemporal Structure of Twentieth-Century Climate Variations in Observations and Reanalyses. Part II: Pacific Pan-Decadal Variability. Journal of Climate, 2008, 21, 2634-2650.	3.2	62
83	The Spatiotemporal Structure of Twentieth-Century Climate Variations in Observations and Reanalyses. Part I: Long-Term Trend. Journal of Climate, 2008, 21, 2611-2633.	3.2	62
84	Impact of Dynamics and Atmospheric State on Cloud Vertical Overlap. Journal of Climate, 2008, 21, 1758-1770.	3.2	47
85	Deep Convective System Evolution over Africa and the Tropical Atlantic. Journal of Climate, 2007, 20, 5041-5060.	3.2	138
86	The Tropical Atmospheric El NiÃ±o Signal in Satellite Precipitation Data and a Global Climate Model. Journal of Climate, 2007, 20, 3580-3601.	3.2	17
87	Dangerous human-made interference with climate: a GISS modelE study. Atmospheric Chemistry and Physics, 2007, 7, 2287-2312.	4.9	211
88	Venus atmosphere dynamics: A continuing enigma. Geophysical Monograph Series, 2007, , 101-120.	0.1	22
89	Relationships between lightning and properties of convective cloud clusters. Geophysical Research Letters, 2007, 34, .	4.0	37
90	Will moist convection be stronger in a warmer climate?. Geophysical Research Letters, 2007, 34, .	4.0	157

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91	Lightning storms on Saturn observed by Cassini ISS and RPWS during 2004â€“2006. Icarus, 2007, 190, 545-555.	2.5	67
92	Climate simulations for 1880â€“2003 with GISS modelE. Climate Dynamics, 2007, 29, 661-696.	3.8	227
93	Saturn eddy momentum fluxes and convection: First estimates from Cassini images. Icarus, 2007, 189, 479-492.	2.5	58
94	Observational Constraints on the Cloud Thermodynamic Phase in Midlatitude Storms. Journal of Climate, 2006, 19, 5273-5288.	3.2	41
95	Vertical wind shear on Jupiter from Cassini images. Journal of Geophysical Research, 2006, 111, .	3.3	28
96	Cassini imaging of Saturn: Southern hemisphere winds and vortices. Journal of Geophysical Research, 2006, 111, .	3.3	83
97	Tropical Intraseasonal Variability in 14 IPCC AR4 Climate Models. Part I: Convective Signals. Journal of Climate, 2006, 19, 2665-2690.	3.2	664
98	Composite Analysis of Winter Cyclones in a GCM: Influence on Climatological Humidity. Journal of Climate, 2006, 19, 1652-1672.	3.2	81
99	Interaction between eddies and mean flow in Jupiter's atmosphere: Analysis of Cassini imaging data. Icarus, 2006, 185, 430-442.	2.5	104
100	Factors Limiting Convective Cloud-Top Height at the ARM Nauru Island Climate Research Facility. Journal of Climate, 2006, 19, 2105-2117.	3.2	107
101	Present-Day Atmospheric Simulations Using GISS ModelE: Comparison to In Situ, Satellite, and Reanalysis Data. Journal of Climate, 2006, 19, 153-192.	3.2	832
102	Cumulus Microphysics and Climate Sensitivity. Journal of Climate, 2005, 18, 2376-2387.	3.2	96
103	Imaging of Titan from the Cassini spacecraft. Nature, 2005, 434, 159-168.	27.8	390
104	Cassini Imaging Science: Initial Results on Saturn's Rings and Small Satellites. Science, 2005, 307, 1226-1236.	12.6	183
105	Earth's Energy Imbalance: Confirmation and Implications. Science, 2005, 308, 1431-1435.	12.6	728
106	Cassini Imaging Science: Initial Results on Saturn's Atmosphere. Science, 2005, 307, 1243-1247.	12.6	107
107	Cassini Imaging Science: Initial Results on Phoebe and Iapetus. Science, 2005, 307, 1237-1242.	12.6	169
108	Evaluation of regional cloud feedbacks using single-column models. Journal of Geophysical Research, 2005, 110, .	3.3	23

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109	Comparing clouds and their seasonal variations in 10 atmospheric general circulation models with satellite measurements. Journal of Geophysical Research, 2005, 110, .	3.3	250
110	Simulations of midlatitude frontal clouds by single-column and cloud-resolving models during the Atmospheric Radiation Measurement March 2000 cloud intensive operational period. Journal of Geophysical Research, 2005, 110, .	3.3	66
111	Modeling springtime shallow frontal clouds with cloud-resolving and single-column models. Journal of Geophysical Research, 2005, 110, .	3.3	51
112	Introduction to special section on Toward Reducing Cloud-Climate Uncertainties in Atmospheric General Circulation Models. Journal of Geophysical Research, 2005, 110, .	3.3	3
113	Lightning on Jupiter observed in the line by the Cassini imaging science subsystem. Icarus, 2004, 172, 24-36.	2.5	76
114	Cassini Imaging Science: Instrument Characteristics And Anticipated Scientific Investigations At Saturn. Space Science Reviews, 2004, 115, 363-497.	8.1	311
115	Life cycles of spots on Jupiter from Cassini images. Icarus, 2004, 172, 9-23.	2.5	56
116	Clouds and sulfate are anticorrelated: A new diagnostic for global sulfur models. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	52
117	Evaluating aerosol/cloud/radiation process parameterizations with single-column models and Second Aerosol Characterization Experiment (ACE-2) cloudy column observations. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	47
118	Cassini Imaging of Jupiter's Atmosphere, Satellites, and Rings. Science, 2003, 299, 1541-1547.	12.6	405
119	Radiative and Microphysical Characteristics of Deep Convective Systems in the Tropical Western Pacific. Journal of Applied Meteorology and Climatology, 2003, 42, 1234-1254.	1.7	22
120	Evidence for Strengthening of the Tropical General Circulation in the 1990s. Science, 2002, 295, 838-841.	12.6	222
121	ATMOSPHERIC SCIENCE: The Dust Settles on Water Vapor Feedback. Science, 2002, 296, 665-666.	12.6	35
122	Climatic Properties of Tropical Precipitating Convection under Varying Environmental Conditions. Journal of Climate, 2002, 15, 2597-2615.	3.2	98
123	Observed and Simulated Temperatureâ€“Humidity Relationships: Sensitivity to Sampling and Analysis. Journal of Climate, 2002, 15, 203-215.	3.2	26
124	GCM Simulations of the Aerosol Indirect Effect: Sensitivity to Cloud Parameterization and Aerosol Burden. Journals of the Atmospheric Sciences, 2002, 59, 692-713.	1.7	215
125	Intercomparison and evaluation of cumulus parametrizations under summertime midlatitude continental conditions. Quarterly Journal of the Royal Meteorological Society, 2002, 128, 1095-1135.	2.7	119
126	A simple conceptual model of cirrus horizontal inhomogeneity and cloud fraction. Quarterly Journal of the Royal Meteorological Society, 2002, 128, 149-171.	2.7	6

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127	Effects of Cloud Parameterization on the Simulation of Climate Changes in the GISS GCM. Part II: Sea Surface Temperature and Cloud Feedbacks. Journal of Climate, 2002, 15, 2491-2503.	3.2	10
128	The Role of Remote Sensing Displays in Earth Climate and Planetary Atmospheric Research. , 2001, , .		0
129	The Temperature Dependence of the Liquid Water Path of Low Clouds in the Southern Great Plains. Journal of Climate, 2000, 13, 3465-3486.	3.2	55
130	Effects of Cloud Parameterization on the Simulation of Climate Changes in the GISS GCM. Journal of Climate, 1999, 12, 761-779.	3.2	58
131	CAPE Variations in the Current Climate and in a Climate Change. Journal of Climate, 1998, 11, 1997-2015.	3.2	61
132	Implementation of Subgrid Cloud Vertical Structure inside a GCM and Its Effect on the Radiation Budget. Journal of Climate, 1997, 10, 273-287.	3.2	51
133	Surface Observed Global Land Precipitation Variations during 1900â€“88. Journal of Climate, 1997, 10, 2943-2962.	3.2	551
134	Comparison of the seasonal change in cloud-radiative forcing from atmospheric general circulation models and satellite observations. Journal of Geophysical Research, 1997, 102, 16593-16603.	3.3	41
135	Sensitivity of northern hemisphere air temperatures and snow expansion to North Pacific sea surface temperatures in the Goddard Institute for Space Studies general circulation model. Journal of Geophysical Research, 1997, 102, 23781-23791.	3.3	35
136	Clouds, precipitation and temperature range. Nature, 1997, 386, 665-666.	27.8	169
137	Cloud feedback in atmospheric general circulation models: An update. Journal of Geophysical Research, 1996, 101, 12791-12794.	3.3	257
138	A Prognostic Cloud Water Parameterization for Global Climate Models. Journal of Climate, 1996, 9, 270-304.	3.2	385
139	Simulations of Superrotation on Slowly Rotating Planets: Sensitivity to Rotation and Initial Condition. Icarus, 1996, 120, 332-343.	2.5	81
140	TRMM: The Tropical Rainfall Measuring Mission. , 1996, , 549-567.		1
141	Observational Requirements for Modeling of Global and Regional Climate Change. , 1996, , 31-57.		1
142	Richardson number constraints for the Jupiter and outer planet wind regime. Geophysical Research Letters, 1995, 22, 2957-2960.	4.0	28
143	Climatic implications of the seasonal variation of upper troposphere water vapor. Geophysical Research Letters, 1994, 21, 2701-2704.	4.0	41
144	Analysis of snow feedbacks in 14 general circulation models. Journal of Geophysical Research, 1994, 99, 20757.	3.3	58

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145	Tropical Cloud Feedbacks and Natural Variability of Climate. Journal of Climate, 1994, 7, 1388-1402.	3.2	14
146	Influence of Ocean Surface Conditions on Atmospheric Vertical Thermodynamic Structure and Deep Convection. Journal of Climate, 1994, 7, 1092-1108.	3.2	85
147	Zero Potential Vorticity Envelopes for the Zonal-Mean Velocity of the Venus/Titan Atmospheres. Journals of the Atmospheric Sciences, 1994, 51, 694-702.	1.7	24
148	Equatorial Superrotation in a Slowly Rotating GCM: Implications for Titan and Venus. Icarus, 1993, 101, 1-17.	2.5	106
149	A thermostat in the tropics?. Nature, 1993, 361, 412-412.	27.8	2
150	Uncertainties in Carbon Dioxide Radiative Forcing in Atmospheric General Circulation Models. Science, 1993, 262, 1252-1255.	12.6	81
151	Convective and Large-Scale Cloud Processes in GCMS. , 1993, , 95-121.		2
152	Intercomparison and interpretation of surface energy fluxes in atmospheric general circulation models. Journal of Geophysical Research, 1992, 97, 3711-3724.	3.3	81
153	Unforced decadal fluctuations in a coupled model of the atmosphere and ocean mixed layer. Journal of Geophysical Research, 1992, 97, 7341-7354.	3.3	20
154	Cirrus-cloud thermostat for tropical sea surface temperatures tested using satellite data. Nature, 1992, 358, 394-394.	27.8	98
155	Interpretation of Snow-Climate Feedback as Produced by 17 General Circulation Models. Science, 1991, 253, 888-892.	12.6	171
156	Simulations of the effect of a warmer climate on atmospheric humidity. Nature, 1991, 351, 382-385.	27.8	71
157	Cloud-Tracked Winds fromPioneer VenusOCPP Images. Journals of the Atmospheric Sciences, 1990, 47, 2053-2084.	1.7	121
158	Planetary-Scale Waves and the Cyclic Nature of Cloud Top Dynamics on Venus. Journals of the Atmospheric Sciences, 1990, 47, 293-318.	1.7	128
159	Behavior of Deep Convective Clouds in the Tropical Pacific Deduced from ISCCP Radiances. Journal of Climate, 1990, 3, 1129-1152.	3.2	160
160	Moist convection and the vertical structure and water abundance of Jupiter's atmosphere. Icarus, 1990, 84, 29-53.	2.5	44
161	Intercomparison and interpretation of climate feedback processes in 19 atmospheric general circulation models. Journal of Geophysical Research, 1990, 95, 16601-16615.	3.3	722
162	Effects of Cumulus Entrainment and Multiple Cloud Types on a January Global Climate Model Simulation. Journal of Climate, 1989, 2, 850-863.	3.2	22

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163	Sensitivity of a Global Climate Model to the Specification of Convective Updraft and Downdraft Mass Fluxes. Journals of the Atmospheric Sciences, 1988, 45, 2641-2668.	1.7	24
164	A Comparative Study of Rapidly and Slowly Rotating Dynamical Regimes in a Terrestrial General Circulation Model. Journals of the Atmospheric Sciences, 1987, 44, 973-986.	1.7	44
165	Temporal variability of ultraviolet cloud features in the Venus stratosphere. Icarus, 1982, 51, 391-415.	2.5	41
166	Cloud morphology and motions from Pioneer Venus images. Journal of Geophysical Research, 1980, 85, 8107-8128.	3.3	159
167	Cloud Images from the Pioneer Venus Orbiter. Science, 1979, 205, 74-76.	12.6	24
168	Acoustic-gravity waves in the thermosphere of Venus. Icarus, 1979, 39, 401-417.	2.5	11
169	Characteristics of acousticâ€gravity waves in a diffusively separated atmosphere. Journal of Geophysical Research, 1979, 84, 1865-1879.	3.3	21
170	Gravity wave propagation in a diffusively separated atmosphere with heightâ€dependent collision frequencies. Journal of Geophysical Research, 1979, 84, 4371-4378.	3.3	29
171	Effects of waveâ€induced diffusion on thermospheric acousticâ€gravity waves. Geophysical Research Letters, 1978, 5, 265-267.	4.0	20
172	Cloud Patterns, Waves and Convection in the Venus Atmosphere. Journals of the Atmospheric Sciences, 1976, 33, 1394-1417.	1.7	101
173	Evaluating the impacts of carbonaceous aerosols on clouds and climate. , 0, , 34-48.		20