Mat Collins

List of Publications by Year
in descending order

160 papers	20,344 citations	22153 59 h-index	10734 138 g-index
182 all docs	182 docs citations	182 times ranked	19173 citing authors

#	Article	IF	Citations
1	An evaluation of <scp>CMIP5</scp> and <scp>CMIP6</scp> climate models in simulating summer rainfall in the Southeast Asian monsoon domain. International Journal of Climatology, 2022, 42, 1181-1202.	3.5	32
2	Projected changes in the n<scp>earâ€future</scp> mean climate and extreme climate events in northeast Thailand. International Journal of Climatology, 2022, 42, 2470-2492.	3.5	15
3	Emergence of climate change in the tropical Pacific. Nature Climate Change, 2022, 12, 356-364.	18.8	34
4	The 2021 western North America heat wave among the most extreme events ever recorded globally. Science Advances, 2022, 8, eabm6860.	10.3	83
5	Robust increase in population exposure to heat stress with increasing global warming. Environmental Research Letters, 2022, 17, 064049.	5.2	17
6	The role of ENSO flavours and TNA on recent droughts over Amazon forests and the Northeast Brazil region. International Journal of Climatology, 2021, 41, 3761-3780.	3.5	48
7	Future changes in the frequency of temperature extremes may be underestimated in tropical and subtropical regions. Communications Earth & Environment, 2021, 2, .	6.8	32
8	SimCloud version 1.0: a simple diagnostic cloud scheme for idealized climate models. Geoscientific Model Development, 2021, 14, 2801-2826.	3.6	4
9	Future Changes to El NiÃ±o Teleconnections over the North Pacific and North America. Journal of Climate, 2021, , 1-43.	3.2	6
10	CMIP5 Intermodel Relationships in the Baseline Southern Ocean Climate System and With Future Projections. Earth's Future, 2021, 9, e2020EF001873.	6.3	18
11	Changing El NiÃ±oâ€"Southern Oscillation in a warming climate. Nature Reviews Earth & Environment, 2021, 2, 628-644.	29.7	197
12	Emerging Skill in Multi-Year Prediction of the Indian Ocean Dipole. Frontiers in Climate, 2021, 3, .	2.8	8
13	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. Science, 2021, 374, eaay9165.	12.6	92
14	Assessment of the Ability of CMIP6 GCMS to Simulate the Boreal Summer Intraseasonal Oscillation Over Southeast Asia. Frontiers in Climate, 2021, 3, .	2.8	5
15	Multivariate and multi-temporal analysis of meteorological drought in the northeast of Thailand. Weather and Climate Extremes, 2021, 34, 100399.	4.1	13
16	Editorial: New Techniques for Improving Climate Models, Predictions and Projections. Frontiers in Climate, 2021, 3, .	2.8	2
17	Eastward shift and extension of ENSO-induced tropical precipitation anomalies under global warming. Science Advances, 2020, 6, eaax4177.	10.3	33
18	Northward Propagation of the Intertropical Convergence Zone and Strengthening of Indian Summer Monsoon Rainfall. Geophysical Research Letters, 2020, 47, e2020GL089823.	4.0	28

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19	Influences of Local and Remote Conditions on Tropical Precipitation and Its Response to Climate Change. Journal of Climate, 2020, 33, 4045-4063.	3.2	2
20	The North Atlantic as a Driver of Summer Atmospheric Circulation. Journal of Climate, 2020, 33, 7335-7351.	3.2	11
21	The Role of Tropical Mean-State Biases in Modeled Winter Northern Hemisphere El NiÃ±o Teleconnections. Journal of Climate, 2020, 33, 4751-4768.	3.2	8
22	U.K. Climate Projections: Summer Daytime and Nighttime Urban Heat Island Changes in Englandâ€™s Major Cities. Journal of Climate, 2020, 33, 9015-9030.	3.2	22
23	Using Arctic ice mass balance buoys for evaluation of modelled ice energy fluxes. Geoscientific Model Development, 2020, 13, 4845-4868.	3.6	2
24	Frontiers in Climate Predictions and Projections. Frontiers in Climate, 2020, 2, .	2.8	2
25	Surface Warming and Atmospheric Circulation Dominate Rainfall Changes Over Tropical Rainforests Under Global Warming. Geophysical Research Letters, 2019, 46, 13410-13419.	4.0	12
26	Ocean Climate Observing Requirements in Support of Climate Research and Climate Information. Frontiers in Marine Science, 2019, 6, .	2.5	12
27	Global Mean Surface Temperature Response to Largeâ€Scale Patterns of Variability in Observations and CMIP5. Geophysical Research Letters, 2019, 46, 2232-2241.	4.0	24
28	Induced surface fluxes: a new framework for attributing Arctic sea ice volume balance biases to specific model errors. Cryosphere, 2019, 13, 2001-2022.	3.9	5
29	ENSO teleconnections to the Indian summer monsoon under changing climate. International Journal of Climatology, 2019, 39, 3031-3042.	3.5	39
30	ENSO feedbacks and their relationships with the mean state in a flux adjusted ensemble. Climate Dynamics, 2019, 52, 7189-7208.	3.8	12
31	Diagnosing Relationships between Mean State Biases and El NiÃ±o Shortwave Feedback in CMIP5 Models. Journal of Climate, 2018, 31, 1315-1335.	3.2	29
32	Challenges and opportunities for improved understanding of regional climate dynamics. Nature Climate Change, 2018, 8, 101-108.	18.8	56
33	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. Reviews of Geophysics, 2018, 56, 185-206.	23.0	330
34	Effect of AMOC collapse on ENSO in a high resolution general circulation model. Climate Dynamics, 2018, 50, 2537-2552.	3.8	11
35	Diagnosing ENSO and Global Warming Tropical Precipitation Shifts Using Surface Relative Humidity and Temperature. Journal of Climate, 2018, 31, 1413-1433.	3.2	12
36	Model tropical Atlantic biases underpin diminished Pacific decadal variability. Nature Climate Change, 2018, 8, 493-498.	18.8	92

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37	The contrasting climate response to tropical and extratropical energy perturbations. Climate Dynamics, 2018, 51, 3231-3249.	3.8	11
38	Oceanâ€"Atmosphere State Dependence of the Atmospheric Response to Arctic Sea Ice Loss. Journal of Climate, 2017, 30, 1537-1552.	3.2	27
39	Still weighting to break the model democracy. Geophysical Research Letters, 2017, 44, 3328-3329.	4.0	10
40	Understanding Bias in the Evaporative Damping of El NiÃ±oâ€"Southern Oscillation Events in CMIP5 Models. Journal of Climate, 2017, 30, 6351-6370.	3.2	22
41	Southern Ocean albedo, inter-hemispheric energy transports and the double ITCZ: global impacts of biases in a coupled model. Climate Dynamics, 2017, 48, 2279-2295.	3.8	81
42	<scp>ENSO</scp> teleconnections to the Indian summer monsoon in observations and models. International Journal of Climatology, 2017, 37, 1794-1813.	3.5	35
43	The influence of <scp>ENSO</scp> on South American precipitation: simulation and projection in <scp>CMIP5</scp> models. International Journal of Climatology, 2017, 37, 3319-3339.	3.5	22
44	Coupled oceanâ€"atmosphere modeling and predictions. Journal of Marine Research, 2017, 75, 361-402.	0.3	13
45	The Arctic Predictability and Prediction on Seasonal-to-Interannual TimEscales (APPOSITE) data set versionÂ1. Geoscientific Model Development, 2016, 9, 2255-2270.	3.6	26
46	The influence of ENSO on South American precipitation during austral summer and autumn in observations and models. International Journal of Climatology, 2016, 36, 618-635.	3.5	46
47	Fourth CLIVAR Workshop on the Evaluation of ENSO Processes in Climate Models: ENSO in a Changing Climate. Bulletin of the American Meteorological Society, 2016, 97, 817-820.	3.3	20
48	Links between tropical Pacific seasonal, interannual and orbital variability during theÂHolocene. Nature Geoscience, 2016, 9, 168-173.	12.9	105
49	Improved stochastic physics schemes for global weather and climate models. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 147-159.	2.7	58
50	Development of super-ensemble techniques for ocean analyses: the Mediterranean Sea case. Natural Hazards and Earth System Sciences, 2016, 16, 1807-1819.	3.6	2
51	Inferring changes in ENSO amplitude from the variance of proxy records. Geophysical Research Letters, 2015, 42, 1197-1204.	4.0	9
52	Seasonal intercomparison of observational rainfall datasets over India during the southwest monsoon season. International Journal of Climatology, 2015, 35, 2326-2338.	3.5	94
53	Physical Mechanisms of Tropical Climate Feedbacks Investigated Using Temperature and Moisture Trends*. Journal of Climate, 2015, 28, 8968-8987.	3.2	10
54	A hiatus in the stratosphere?. Nature Climate Change, 2015, 5, 497-498.	18.8	8

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55	On identifying the role of Sun and the El NiÃ±o Southern Oscillation on Indian Summer Monsoon Rainfall. Atmospheric Science Letters, 2015, 16, 162-169.	1.9	24
56	Increased frequency of extreme LaÂNiÃ±a events under greenhouse warming. Nature Climate Change, 2015, 5, 132-137.	18.8	479
57	Quantifying the likelihood of a continued hiatus in global warming. Nature Climate Change, 2015, 5, 337-342.	18.8	76
58	Health and climate change: policy responses to protect public health. Lancet, The, 2015, 386, 1861-1914.	13.7	1,311
59	MEETING SUMMARIES. Bulletin of the American Meteorological Society, 2015, 96, 1969-1972.	3.3	8
60	ENSO and greenhouse warming. Nature Climate Change, 2015, 5, 849-859.	18.8	596
61	Towards predictive understanding of regional climate change. Nature Climate Change, 2015, 5, 921-930.	18.8	253
62	Decadal Climate Variability and Cross-Scale Interactions: ICCL 2013 Expert Assessment Workshop. Bulletin of the American Meteorological Society, 2014, 95, ES155-ES158.	3.3	8
63	Seasonal to interannual Arctic sea ice predictability in current global climate models. Geophysical Research Letters, 2014, 41, 1035-1043.	4.0	116
64	Assessing the Significance of Changes in ENSO Amplitude Using Variance Metrics. Journal of Climate, 2014, 27, 4911-4922.	3.2	7
65	Increasing frequency of extreme El NiÃ±o events due to greenhouse warming. Nature Climate Change, 2014, 4, 111-116.	18.8	1,572
66	Extreme swings of the South Pacific Convergence Zone and the different types of El NiÃ±o events. Geophysical Research Letters, 2014, 41, 4695-4703.	4.0	25
67	Impact of a Stochastic Kinetic Energy Backscatter scheme across timeâ€scales and resolutions. Quarterly Journal of the Royal Meteorological Society, 2014, 140, 2625-2637.	2.7	10
68	Reliability and importance of structural diversity of climate model ensembles. Climate Dynamics, 2013, 41, 2745-2763.	3.8	23
69	Quantifying global climate feedbacks, responses and forcing under abrupt and gradual CO2 forcing. Climate Dynamics, 2013, 41, 2471-2479.	3.8	11
70	Interactions between perturbations to different Earth system components simulated by a fully-coupled climate model. Climate Dynamics, 2013, 41, 3055-3072.	3.8	26
71	Probabilistic projections of transient climate change. Climate Dynamics, 2013, 40, 2937-2972.	3.8	53
72	SST and circulation trend biases cause an underestimation of European precipitation trends. Climate Dynamics, 2013, 40, 1-20.	3.8	65

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73	Sensitivity and uncertainty of modelled terrestrial net primary productivity to doubled CO2 and associated climate change for a relatively large perturbed physics ensemble. Agricultural and Forest Meteorology, 2013, 170, 79-88.	4.8	28
74	Projected response of the Indian Ocean Dipole to greenhouse warming. Nature Geoscience, 2013, 6, 999-1007.	12.9	201
75	Observational challenges in evaluating climate models. Nature Climate Change, 2013, 3, 940-941.	18.8	52
76	Inter-annual tropical Pacific climate variability in an isotope-enabled CGCM: implications for interpreting coral stable oxygen isotope records of ENSO. Climate of the Past, 2013, 9, 1543-1557.	3.4	36
77	The response of pseudo-corals to ENSO in an isotope-enabled climate model. PAGES News, 2013, 21, 62-63.	0.1	1
78	New Strategies for Evaluating ENSO Processes in Climate Models. Bulletin of the American Meteorological Society, 2012, 93, 235-238.	3.3	35
79	Calibration Strategies: A Source of Additional Uncertainty in Climate Change Projections. Bulletin of the American Meteorological Society, 2012, 93, 21-26.	3.3	183
80	High sensitivity of future global warming to land carbon cycle processes. Environmental Research Letters, 2012, 7, 024002.	5.2	241
81	More extreme swings of the South Pacific convergence zone due to greenhouse warming. Nature, 2012, 488, 365-369.	27.8	160
82	Uncertainty in the ENSO amplitude change from the past to the future. Geophysical Research Letters, 2012, 39, .	4.0	64
83	Reliability of multi-model and structurally different single-model ensembles. Climate Dynamics, 2012, 39, 599-616.	3.8	49
84	Pacific temperature trends. Nature Climate Change, 2012, 2, 646-647.	18.8	0
85	Quantifying future climate change. Nature Climate Change, 2012, 2, 403-409.	18.8	132
86	Broad range of 2050 warming from an observationally constrained large climate model ensemble. Nature Geoscience, 2012, 5, 256-260.	12.9	109
87	Statistical problems in the probabilistic prediction of climate change. Environmetrics, 2012, 23, 364-372.	1.4	61
88	Multivariate probabilistic projections using imperfect climate models part I: outline of methodology. Climate Dynamics, 2012, 38, 2513-2542.	3.8	126
89	Quantifying Uncertainty in Model Predictions for the Pliocene (Plio-QUMP): Initial results. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 309, 128-140.	2.3	17
90	When could global warming reach 4Â°C?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 67-84.	3.4	149

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91	Climate model errors, feedbacks and forcings: a comparison of perturbed physics and multi-model ensembles. Climate Dynamics, 2011, 36, 1737-1766.	3.8	233
92	From observations to forecasts â€“ Part 9: what is decadal forecasting?. Weather, 2011, 66, 160-164.	0.7	0
93	How uncertain are climate model projections of water availability indicators across the Middle East?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 5117-5135.	3.4	37
94	Stratospheric water vapour and high climate sensitivity in a version of the HadSM3 climate model. Atmospheric Chemistry and Physics, 2010, 10, 7161-7167.	4.9	23
95	The impact of perturbations to ocean-model parameters on climate and climate change in a coupled model. Climate Dynamics, 2010, 34, 325-343.	3.8	38
96	The impact of global warming on the tropical Pacific Ocean and El NiÃ±o. Nature Geoscience, 2010, 3, 391-397.	12.9	1,029
97	Probabilistic projections for 21st century European climate. Natural Hazards and Earth System Sciences, 2010, 10, 2009-2020.	3.6	50
98	Increased crop failure due to climate change: assessing adaptation options using models and socio-economic data for wheat in China. Environmental Research Letters, 2010, 5, 034012.	5.2	180
99	Structural Similarities and Differences in Climate Responses to CO2 Increase between Two Perturbed Physics Ensembles. Journal of Climate, 2010, 23, 1392-1410.	3.2	62
100	The role of atmosphere and ocean physical processes in ENSO in a perturbed physics coupled climate model. Ocean Science, 2010, 6, 441-459.	3.4	11
101	An example of the dependence of the transient climate response on the temperature of the modelled climate state. Atmospheric Science Letters, 2009, 10, 23-28.	1.9	5
102	Understanding El NiÃ±o in Oceanâ€“Atmosphere General Circulation Models: Progress and Challenges. Bulletin of the American Meteorological Society, 2009, 90, 325-340.	3.3	455
103	Insight despite imperfection. Nature Geoscience, 2009, 2, 315-316.	12.9	1
104	El NiÃ±oâ€“Southern Oscillation, Pliocene climate and equifinality. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 127-156.	3.4	44
105	The variation of ENSO characteristics associated with atmospheric parameter perturbations in a coupled model. Climate Dynamics, 2008, 30, 643-656.	3.8	31
106	Northern hemisphere winter atmospheric climate: modes of natural variability and climate change. Climate Dynamics, 2008, 31, 195-211.	3.8	9
107	Increasing risk of Amazonian drought due to decreasing aerosol pollution. Nature, 2008, 453, 212-215.	27.8	326
108	Midâ€Holocene ENSO: Issues in quantitative modelâ€proxy data comparisons. Paleoceanography, 2008, 23, .	3.0	36

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109	An objective tropical Atlantic sea surface temperature gradient index for studies of south Amazon dry-season climate variability and change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1761-1766.	4.0	48
110	Towards quantifying uncertainty in predictions of Amazon â€˜dieback'â€™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1857-1864.	4.0	139
111	The Sensitivity of the Rate of Transient Climate Change to Ocean Physics Perturbations. Journal of Climate, 2007, 20, 2315-2320.	3.2	42
112	Ensembles and probabilities: a new era in the prediction of climate change. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2007, 365, 1957-1970.	3.4	154
113	The Met Office Hadley Centre climate modelling capability: the competing requirements for improved resolution, complexity and dealing with uncertainty. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2007, 365, 2635-2657.	3.4	27
114	A methodology for probabilistic predictions of regional climate change from perturbed physics ensembles. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2007, 365, 1993-2028.	3.4	262
115	Tropical vertical temperature trends: A real discrepancy?. Geophysical Research Letters, 2007, 34, .	4.0	27
116	Projected increase in continental runoff due to plant responses to increasing carbon dioxide. Nature, 2007, 448, 1037-1041.	27.8	570
117	Climate Crash: Abrupt Climate Change and what it Means for Our Future - by John D Cox. Geographical Journal, 2007, 173, 94-94.	3.1	0
118	Modelling mid-Holocene tropical climate and ENSO variability: towards constraining predictions of future change with palaeo-data. Climate Dynamics, 2007, 30, 19-36.	3.8	51
119	Granger Causality of Coupled Climate Processes: Ocean Feedback on the North Atlantic Oscillation. Journal of Climate, 2006, 19, 1182-1194.	3.2	155
120	A Review of Predictability Studies of Atlantic Sector Climate on Decadal Time Scales. Journal of Climate, 2006, 19, 5971-5987.	3.2	135
121	Towards quantifying uncertainty in transient climate change. Climate Dynamics, 2006, 27, 127-147.	3.8	317
122	North Atlantic Oscillation response to transient greenhouse gas forcing and the impact on European winter climate: a CMIP2 multi-model assessment. Climate Dynamics, 2006, 27, 401-420.	3.8	150
123	Frequency distributions of transient regional climate change from perturbed physics ensembles of general circulation model simulations. Climate Dynamics, 2006, 27, 357-375.	3.8	55
124	Interannual to Decadal Climate Predictability in the North Atlantic: A Multimodel-Ensemble Study. Journal of Climate, 2006, 19, 1195-1203.	3.2	161
125	Atlantic Atmosphereâ€"Ocean Interaction: A Stochastic Climate Modelâ€"Based Diagnosis. Journal of Climate, 2005, 18, 1086-1095.	3.2	9
126	Uncertainty in predictions of the climate response to rising levels of greenhouse gases. Nature, 2005, 433, 403-406.	27.8	994

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127	El NiÃ±o- or La NiÃ±a-like climate change?. Climate Dynamics, 2005, 24, 89-104.	3.8	248
128	El NiÃ±o in a changing climate: a multi-model study. Ocean Science, 2005, 1, 81-95.	3.4	332
129	Constraining climate forecasts: The role of prior assumptions. Geophysical Research Letters, 2005, 32, .	4.0	135
130	Quantification of modelling uncertainties in a large ensemble of climate change simulations. Nature, 2004, 430, 768-772.	27.8	1,423
131	Quantifying the water vapour feedback associated with post-Pinatubo global cooling. Climate Dynamics, 2004, 23, 207-214.	3.8	69
132	Amazonian forest dieback under climate-carbon cycle projections for the 21st century. Theoretical and Applied Climatology, 2004, 78, 137.	2.8	635
133	The role of ecosystem-atmosphere interactions in simulated Amazonian precipitation decrease and forest dieback under global climate warming. Theoretical and Applied Climatology, 2004, 78, 157.	2.8	387
134	Intensification of the annual cycle in the tropical Pacific due to greenhouse warming. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	46
135	Predictability of Winter Climate over the North Atlantic European Region during ENSO Events. Journal of Climate, 2004, 17, 1953-1974.	3.2	88
136	Representing El NiÃ±o in Coupled Oceanâ€"Atmosphere GCMs: The Dominant Role of the Atmospheric Component. Journal of Climate, 2004, 17, 4623-4629.	3.2	135
137	The past and future of El NiÃ±o. Nature, 2003, 424, 261-262.	27.8	12
138	Predictability of decadal variations in the thermohaline circulation and climate. Geophysical Research Letters, 2003, 30, .	4.0	74
139	Predictions of climate following volcanic eruptions. Geophysical Monograph Series, 2003, , 283-300.	0.1	9
140	Assessing the Relative Roles of Initial and Boundary Conditions in Interannual to Decadal Climate Predictability. Journal of Climate, 2002, 15, 3104-3109.	3.2	71
141	A Comparison of the Variability of a Climate Model with Paleotemperature Estimates from a Network of Tree-Ring Densities. Journal of Climate, 2002, 15, 1497-1515.	3.2	56
142	Distributed computing for public-interest climate modeling research. Computing in Science and Engineering, 2002, 4, 82-89.	1.2	36
143	How far ahead could we predict El NiÃ±o?. Geophysical Research Letters, 2002, 29, 130-1-130-4.	4.0	23
144	Climate predictability on interannual to decadal time scales: the initial value problem. Climate Dynamics, 2002, 19, 671-692.	3.8	137

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145	The Carbon Cycle Response to ENSO: A Coupled Climateâ€“Carbon Cycle Model Study. Journal of Climate, 2001, 14, 4113-4129.	3.2	151
146	The internal climate variability of HadCM3, a version of the Hadley Centre coupled model without flux adjustments. Climate Dynamics, 2001, 17, 61-81.	3.8	348
147	The El NiÃ±oâ€“Southern Oscillation in the Second Hadley Centre Coupled Model and Its Response to Greenhouse Warming. Journal of Climate, 2000, 13, 1299-1312.	3.2	103
148	Understanding uncertainties in the response of ENSO to greenhouse warming. Geophysical Research Letters, 2000, 27, 3509-3512.	4.0	98
149	A climate database for Mars. Journal of Geophysical Research, 1999, 104, 24177-24194.	3.3	299
150	Improved general circulation models of the Martian atmosphere from the surface to above 80 km. Journal of Geophysical Research, 1999, 104, 24155-24175.	3.3	955
151	Wave interactions and baroclinic chaos: a paradigm for long timescale variability in planetary atmospheres. Chaos, Solitons and Fractals, 1998, 9, 231-249.	5.1	30
152	Gravity wave drag in a global circulation model of the Martian atmosphere: Parameterisation and validation. Advances in Space Research, 1997, 19, 1245-1254.	2.6	27
153	A GCM climate database for Mars: For mission planning and for scientific studies. Advances in Space Research, 1997, 19, 1213-1222.	2.6	21
154	Data assimilation with a Martian atmospheric GCM: An example using thermal data. Advances in Space Research, 1997, 19, 1267-1270.	2.6	26
155	Baroclinic Wave Transitions in the Martian Atmosphere. Icarus, 1996, 120, 344-357.	2.5	77
156	Martian atmospheric data assimilation with a simplified general circulation model: orbiter and lander networks. Planetary and Space Science, 1996, 44, 1395-1409.	1.7	31
157	Regular and irregular baroclinic waves in a martian general circulation model: A role for diurnal forcing?. Advances in Space Research, 1995, 16, 3-7.	2.6	8
158	Regular baroclinic transient waves in a simplified global circulation model of the Martian atmosphere. Journal of Geophysical Research, 1995, 100, 14421.	3.3	17
159	Challenges and opportunities for improved understanding of regional climate dynamics. , 0, .		1
160	Coupled model simulations of mid-Holocene ENSO and comparisons with coral oxygen isotope records. Advances in Geosciences, 0, 6, 29-33.	12.0	25