

# Joel R Norris

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76  
papers

3,832  
citations

37  
h-index

61  
g-index

79  
ext. papers

4,251  
ext. citations

6.6  
avg, IF

5.9  
L-index

#	Paper	IF	Citations
76	Observational Constraints on Southern Ocean Cloud-Phase Feedback. <i>Journal of Climate</i> , <b>2022</b> , 1-44	4.4	1
75	Observational constraints on low cloud feedback reduce uncertainty of climate sensitivity. <i>Nature Climate Change</i> , <b>2021</b> , 11, 501-507	21.4	23
74	Impacts of aerosols produced by biomass burning on the stratocumulus-to-cumulus transition in the equatorial Atlantic. <i>Atmospheric Science Letters</i> , <b>2021</b> , 22, e1025	2.4	2
73	Dropsonde Observations of the Ageostrophy within the Pre-Cold-Frontal Low-Level Jet Associated with Atmospheric Rivers. <i>Monthly Weather Review</i> , <b>2020</b> , 148, 1389-1406	2.4	7
72	GPM Satellite Radar Observations of Precipitation Mechanisms in Atmospheric Rivers. <i>Monthly Weather Review</i> , <b>2020</b> , 148, 1449-1463	2.4	8
71	Coastal Stratocumulus Dissipation Dependence on Initial Conditions and Boundary Forcings in a Mixed-Layer Model. <i>Journals of the Atmospheric Sciences</i> , <b>2020</b> , 77, 2717-2741	2.1	0
70	Observed Sensitivity of Low-Cloud Radiative Effects to Meteorological Perturbations over the Global Oceans. <i>Journal of Climate</i> , <b>2020</b> , 33, 7717-7734	4.4	17
69	Observational Evidence that Radiative Heating Modifies the Life Cycle of Tropical Anvil Clouds. <i>Journal of Climate</i> , <b>2020</b> , 33, 8621-8640	4.4	10
68	The Observed Water Vapor Budget in an Atmospheric River over the Northeast Pacific. <i>Journal of Hydrometeorology</i> , <b>2020</b> , 21, 2655-2673	3.7	3
67	Observed monsoon precipitation suppression caused by anomalous interhemispheric aerosol transport. <i>Climate Dynamics</i> , <b>2020</b> , 54, 1077-1091	4.2	4
66	A Case Study of the Physical Processes Associated with the Atmospheric River Initial-Condition Sensitivity from an Adjoint Model. <i>Journals of the Atmospheric Sciences</i> , <b>2020</b> , 77, 691-709	2.1	8
65	Observed Variations of the Atmospheric Boundary Layer and Stratocumulus over a Warm Eddy in the Kuroshio Extension. <i>Monthly Weather Review</i> , <b>2019</b> , 147, 1581-1591	2.4	6
64	Is the Net Cloud Radiative Effect Constrained to be Uniform Over the Tropical Warm Pools?. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 12495-12503	4.9	5
63	Meteorological Drivers and Large-Scale Climate Forcing of West Antarctic Surface Melt. <i>Journal of Climate</i> , <b>2019</b> , 32, 665-684	4.4	37
62	Changes in Earth's Energy Budget during and after the Pause in Global Warming: An Observational Perspective. <i>Climate</i> , <b>2018</b> , 6, 62	3.1	41
61	An analysis of high cloud variability: imprints from the El Niño Southern Oscillation. <i>Climate Dynamics</i> , <b>2017</b> , 48, 447-457	4.2	9
60	Fewer clouds in the Mediterranean: consistency of observations and climate simulations. <i>Scientific Reports</i> , <b>2017</b> , 7, 41475	4.9	33

59	Low-Cloud Feedbacks from Cloud-Controlling Factors: A Review. <i>Surveys in Geophysics</i> , <b>2017</b> , 38, 1307-1329	7.1	71
58	Low-Cloud Feedbacks from Cloud-Controlling Factors: A Review. <i>Space Sciences Series of ISSI</i> , <b>2017</b> , 135-157	7	7
57	Factors Controlling Stratocumulus Cloud Lifetime over Coastal Land. <i>Journals of the Atmospheric Sciences</i> , <b>2016</b> , 73, 2961-2983	2.1	12
56	Eddy-Wind Interaction in the California Current System: Dynamics and Impacts. <i>Journal of Physical Oceanography</i> , <b>2016</b> , 46, 439-459	2.4	68
55	Cloud cover climatologies in the Mediterranean obtained from satellites, surface observations, reanalyses, and CMIP5 simulations: validation and future scenarios. <i>Climate Dynamics</i> , <b>2016</b> , 47, 249-269	4.2	13
54	Evidence for climate change in the satellite cloud record. <i>Nature</i> , <b>2016</b> , 536, 72-5	50.4	180
53	Positive Low Cloud and Dust Feedbacks Amplify Tropical North Atlantic Multidecadal Oscillation. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 1349-1356	4.9	74
52	Reducing the uncertainty in subtropical cloud feedback. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 2144-2148	4.9	63
51	Empirical Removal of Artifacts from the ISCCP and PATMOS-x Satellite Cloud Records. <i>Journal of Atmospheric and Oceanic Technology</i> , <b>2015</b> , 32, 691-702	2	60
50	On the Relationships between Subtropical Clouds and Meteorology in Observations and CMIP3 and CMIP5 Models*. <i>Journal of Climate</i> , <b>2015</b> , 28, 2945-2967	4.4	63
49	Reconciling and Validating the Cloud Thickness and Liquid Water Path Tendencies Proposed by R. Wood and J. J. van der Dussen et al.. <i>Journals of the Atmospheric Sciences</i> , <b>2015</b> , 72, 2033-2040	2.1	10
48	How Has Subtropical Stratocumulus and Associated Meteorology Changed since the 1980s?*. <i>Journal of Climate</i> , <b>2015</b> , 28, 8396-8410	4.4	35
47	Influence of anthropogenic aerosols and the Pacific Decadal Oscillation on tropical belt width. <i>Nature Geoscience</i> , <b>2014</b> , 7, 270-274	18.3	111
46	Observational and Model Estimates of Cloud Amount Feedback over the Indian and Pacific Oceans. <i>Journal of Climate</i> , <b>2014</b> , 27, 925-940	4.4	22
45	A spurious jump in the satellite record: has Antarctic sea ice expansion been overestimated?. <i>Cryosphere</i> , <b>2014</b> , 8, 1289-1296	5.5	56
44	Low-Level Cloud Response to the Gulf Stream Front in Winter Using CALIPSO*. <i>Journal of Climate</i> , <b>2014</b> , 27, 4421-4432	4.4	24
43	Observational Evidence That Enhanced Subsidence Reduces Subtropical Marine Boundary Layer Cloudiness. <i>Journal of Climate</i> , <b>2013</b> , 26, 7507-7524	4.4	110
42	Evaluation of multidecadal variability in CMIP5 surface solar radiation and inferred underestimation of aerosol direct effects over Europe, China, Japan, and India. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 6311-6336	4.4	61

41	On global changes in effective cloud height. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	6
40	Advances in Understanding Top-of-Atmosphere Radiation Variability from Satellite Observations. <i>Surveys in Geophysics</i> , <b>2012</b> , 33, 359-385	7.6	100
39	Recent Northern Hemisphere tropical expansion primarily driven by black carbon and tropospheric ozone. <i>Nature</i> , <b>2012</b> , 485, 350-4	50.4	185
38	The equilibrium response to idealized thermal forcings in a comprehensive GCM: implications for recent tropical expansion. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 4795-4816	6.8	30
37	Advances in Understanding Top-of-Atmosphere Radiation Variability from Satellite Observations. <i>Space Sciences Series of ISSI</i> , <b>2012</b> , 27-53	0.1	2
36	Response to Comment on "Observational and Model Evidence for Positive Low-Level Cloud Feedback". <i>Science</i> , <b>2010</b> , 329, 277-277	33.3	3
35	Assessing the Impact of Meteorological History on Subtropical Cloud Fraction. <i>Journal of Climate</i> , <b>2010</b> , 23, 2926-2940	4.4	51
34	Is there evidence for an aerosol indirect effect during the recent aerosol optical depth decline in Europe?. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		27
33	Do climate models reproduce observed solar dimming and brightening over China and Japan?. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		33
32	Cluster analysis of midlatitude oceanic cloud regimes: mean properties and temperature sensitivity. <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 6435-6459	6.8	21
31	Observational and model evidence for positive low-level cloud feedback. <i>Science</i> , <b>2009</b> , 325, 460-4	33.3	285
30	How do aerosol histories affect solar dimming and brightening over Europe?: IPCC-AR4 models versus observations. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		58
29	Trends in aerosol radiative effects over China and Japan inferred from observed cloud cover, solar dimming, and solar brightening. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		116
28	Temporal and Spatial Variability of Clouds and Related Aerosols <b>2009</b> , 127-148		2
27	Global Dimming and Brightening: International Workshop of the Israel Science Foundation on Global Dimming and Brightening; Ein Gedi, Israel, 10-14 February 2008. <i>Eos</i> , <b>2008</b> , 89, 212-212	1.5	10
26	Trends in aerosol radiative effects over Europe inferred from observed cloud cover, solar dimming, and solar brightening. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		201
25	Meteorological bias in satellite estimates of aerosol-cloud relationships. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	81
24	Low-Level Cloud Variability over the Equatorial Cold Tongue in Observations and Models. <i>Journal of Climate</i> , <b>2007</b> , 20, 1555-1570	4.4	19

23	Extratropical Atmosphere-Ocean Variability in CCSM3. <i>Journal of Climate</i> , <b>2006</b> , 19, 2496-2525	4.4	48
22	Dynamical controls on subglobal climate model grid-scale cloud variability for Atmospheric Radiation Measurement Program (ARM) case 4. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		4
21	Cluster analysis of cloud regimes and characteristic dynamics of midlatitude synoptic systems in observations and a model. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		50
20	Continental liquid water cloud variability and its parameterization using Atmospheric Radiation Measurement data. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		17
19	Multidecadal changes in near-global cloud cover and estimated cloud cover radiative forcing. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		51
18	An examination of the differences between surface and free-air temperature trend at high-elevation sites: Relationships with cloud cover, snow cover, and wind. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		26
17	Trends in upper-level cloud cover and surface divergence over the tropical Indo-Pacific Ocean between 1952 and 1997. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		36
16	North Pacific Cloud Feedbacks Inferred from Synoptic-Scale Dynamic and Thermodynamic Relationships. <i>Journal of Climate</i> , <b>2005</b> , 18, 4862-4878	4.4	72
15	Potential Feedbacks Between Pacific Ocean Ecosystems and Interdecadal Climate Variations. <i>Bulletin of the American Meteorological Society</i> , <b>2003</b> , 84, 617-634	6.1	45
14	Improved Techniques for Evaluating GCM Cloudiness Applied to the NCAR CCM3. <i>Journal of Climate</i> , <b>2001</b> , 14, 2540-2550	4.4	80
13	Has northern Indian Ocean Cloud cover changed due to increasing anthropogenic aerosol?. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 3271-3274	4.9	34
12	Low Cloud Type over the Ocean from Surface Observations. Part III: Relationship to Vertical Motion and the Regional Surface Synoptic Environment. <i>Journal of Climate</i> , <b>2000</b> , 13, 245-256	4.4	53
11	Interannual and Interdecadal Variability in the Storm Track, Cloudiness, and Sea Surface Temperature over the Summertime North Pacific. <i>Journal of Climate</i> , <b>2000</b> , 13, 422-430	4.4	49
10	What Can Cloud Observations Tell Us About Climate Variability?. <i>Space Science Reviews</i> , <b>2000</b> , 94, 375-380	4.5	53
9	What can Cloud Observations Tell us about Climate Variability?. <i>Space Sciences Series of ISSI</i> , <b>2000</b> , 375-380		1
8	On Trends and Possible Artifacts in Global Ocean Cloud Cover between 1952 and 1995. <i>Journal of Climate</i> , <b>1999</b> , 12, 1864-1870	4.4	63
7	Low Cloud Type over the Ocean from Surface Observations. Part I: Relationship to Surface Meteorology and the Vertical Distribution of Temperature and Moisture. <i>Journal of Climate</i> , <b>1998</b> , 11, 369-382	4.4	98
6	Low Cloud Type over the Ocean from Surface Observations. Part II: Geographical and Seasonal Variations. <i>Journal of Climate</i> , <b>1998</b> , 11, 383-403	4.4	141

5	Seasonality of Large-Scale Atmosphere-Ocean Interaction over the North Pacific. <i>Journal of Climate</i> , <b>1998</b> , 11, 2473-2481	4-4	60
4	Role of Low Clouds in Summertime Atmosphere-Ocean Interactions over the North Pacific. <i>Journal of Climate</i> , <b>1998</b> , 11, 2482-2490	4-4	84
3	Comments on "Trends in Global Marine Cloudiness and Anthropogenic Sulfur". <i>Journal of Climate</i> , <b>1995</b> , 8, 2109-2110	4-4	2
2	On the Relationships among Low-Cloud Structure, Sea Surface Temperature, and Atmospheric Circulation in the Summertime Northeast Pacific. <i>Journal of Climate</i> , <b>1995</b> , 8, 1140-1155	4-4	138
1	interannual Variability in Stratiform Cloudiness and Sea Surface Temperature. <i>Journal of Climate</i> , <b>1994</b> , 7, 1915-1925	4-4	143