

# John M Wallace

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11873047/publications.pdf>

Version: 2024-02-01

70  
papers

31,100  
citations

50566

48  
h-index

107981

68  
g-index

70  
all docs

70  
docs citations

70  
times ranked

16361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Another look at the index cycle. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 37, 478.	0.8	16
2	Disentangling Global Warming, Multidecadal Variability, and El Niño in Pacific Temperatures. <i>Geophysical Research Letters</i> , 2018, 45, 2487-2496.	1.5	114
3	Pairwise-Rotated EOFs of Global SST. <i>Journal of Climate</i> , 2017, 30, 5473-5489.	1.2	28
4	On the Tropical Atmospheric Signature of El Niño. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 1923-1939.	0.6	27
5	Proxy representation of Arctic ocean bottom pressure variability: Bridging gaps in GRACE observations. <i>Geophysical Research Letters</i> , 2016, 43, 9183-9191.	1.5	5
6	Orthogonal PDO and ENSO Indices. <i>Journal of Climate</i> , 2016, 29, 3883-3892.	1.2	30
7	ENSO-Like Variability: 1900–2013*. <i>Journal of Climate</i> , 2015, 28, 9623-9641.	1.2	71
8	Attribution of Climate Change in the Presence of Internal Variability. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015, , 1-29.	0.2	26
9	Cluster Analysis of Northern Hemisphere Wintertime 500-hPa Flow Regimes during 1920–2014*. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3597-3608.	0.6	46
10	Dynamical Adjustment of the Northern Hemisphere Surface Air Temperature Field: Methodology and Application to Observations*. <i>Journal of Climate</i> , 2015, 28, 1613-1629.	1.2	77
11	On the Leading Patterns of Northern Hemisphere Sea Level Pressure Variability*. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3469-3486.	0.6	23
12	Three-Dimensional Structure and Evolution of the MJO and Its Relation to the Mean Flow. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 2007-2026.	0.6	133
13	Tropical forcing of the recent rapid Arctic warming in northeastern Canada and Greenland. <i>Nature</i> , 2014, 509, 209-212.	13.7	317
14	Arctic Ocean Circulation Patterns Revealed by GRACE. <i>Journal of Climate</i> , 2014, 27, 1445-1468.	1.2	56
15	The Role of High-Latitude Waves in the Intraseasonal to Seasonal Variability of Tropical Upwelling in the Brewer–Dobson Circulation. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 1631-1648.	0.6	35
16	A prominent pattern of year-to-year variability in Indian Summer Monsoon Rainfall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7213-7217.	3.3	231
17	Simulated versus observed patterns of warming over the extratropical Northern Hemisphere continents during the cold season. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14337-14342.	3.3	134
18	Influence of the Tropics on the Southern Annular Mode. <i>Journal of Climate</i> , 2012, 25, 6330-6348.	1.2	234

#	ARTICLE	IF	CITATIONS
19	The role of summer surface wind anomalies in the summer Arctic sea ice extent in 2010 and 2011. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	69
20	Tropical–Extratropical Teleconnections in Boreal Summer: Observed Interannual Variability*. <i>Journal of Climate</i> , 2011, 24, 1878-1896.	1.2	227
21	Observed Patterns of Month-to-Month Storm-Track Variability and Their Relationship to the Background Flow*. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 1420-1437.	0.6	105
22	Patterns of Wintertime Jet Stream Variability and Their Relation to the Storm Tracks*. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 1361-1381.	0.6	128
23	Annual, Interannual, and Intraseasonal Variability of Tropical Tropopause Transition Layer Cirrus. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3097-3112.	0.6	67
24	Application of partial least squares regression to the diagnosis of year-to-year variations in Pacific Northwest snowpack and Atlantic hurricanes. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	45
25	Influence of winter and summer surface wind anomalies on summer Arctic sea ice extent. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	91
26	Cross-Frequency Coupling, Skewness, and Blocking in the Northern Hemisphere Winter Circulation. <i>Journal of Climate</i> , 2009, 22, 5650-5666.	1.2	41
27	Temperature Trend Patterns in Southern Hemisphere High Latitudes: Novel Indicators of Stratospheric Change. <i>Journal of Climate</i> , 2009, 22, 6325-6341.	1.2	65
28	Identifying Signatures of Natural Climate Variability in Time Series of Global-Mean Surface Temperature: Methodology and Insights. <i>Journal of Climate</i> , 2009, 22, 6120-6141.	1.2	150
29	Assessing the Impacts of Global Warming on Snowpack in the Washington Cascades*. <i>Journal of Climate</i> , 2009, 22, 2758-2772.	1.2	60
30	Summer retreat of Arctic sea ice: Role of summer winds. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	96
31	Identifying Weather Regimes in the Wintertime 500-hPa Geopotential Height Field for the Pacific–North American Sector Using a Limited-Contour Clustering Technique. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 1619-1630.	0.6	35
32	Summer minimum Arctic sea ice extent and the associated summer atmospheric circulation. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	118
33	On Sampling Errors in Empirical Orthogonal Functions. <i>Journal of Climate</i> , 2005, 18, 3704-3710.	1.2	43
34	Meteorological indices for Asian outflow and transpacific transport on daily to interannual timescales. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	65
35	Annual carbon dioxide drawdown and the Northern Annular Mode. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	19
36	Variations in the age of Arctic sea-ice and summer sea-ice extent. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	363

#	ARTICLE	IF	CITATIONS
37	A Simplified Linear Framework for Interpreting Patterns of Northern Hemisphere Wintertime Climate Variability. <i>Journal of Climate</i> , 2004, 17, 3728-3744.	1.2	122
38	The Seasonal Footprinting Mechanism in the Pacific: Implications for ENSO*. <i>Journal of Climate</i> , 2003, 16, 2668-2675.	1.2	428
39	Trends in the North Atlantic Oscillationâ€œNorthern Hemisphere Annular Mode during the Twentieth Century*. <i>Journal of Climate</i> , 2003, 16, 336-341.	1.2	58
40	Response of Sea Ice to the Arctic Oscillation. <i>Journal of Climate</i> , 2002, 15, 2648-2663.	1.2	773
41	The Pacific Center of Action of the Northern Hemisphere Annular Mode: Real or Artifact?. <i>Journal of Climate</i> , 2002, 15, 1987-1991.	1.2	156
42	Annular Modes and Climate Prediction. <i>Physics Today</i> , 2002, 55, 28-33.	0.3	77
43	Stratospheric Connection to Northern Hemisphere Wintertime Weather: Implications for Prediction. <i>Journal of Climate</i> , 2002, 15, 1421-1428.	1.2	409
44	Influence of Patterns of Climate Variability on the Difference between Satellite and Surface Temperature Trends. <i>Journal of Climate</i> , 2002, 15, 2412-2428.	1.2	25
45	Regional Climate Impacts of the Northern Hemisphere Annular Mode. <i>Science</i> , 2001, 293, 85-89.	6.0	756
46	The Relationship between the Meridional Profile of Zonal-mean Geostrophic Wind and Station Wave at 500 hPa. <i>Advances in Atmospheric Sciences</i> , 2001, 18, 692-700.	1.9	1
47	Factors Influencing the Cold-Season Diurnal Temperature Range in the United States. <i>Journal of Climate</i> , 2001, 14, 3263-3278.	1.2	44
48	North atlantic oscillationannular mode: Two paradigmsâ€œone phenomenon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000, 126, 791-805.	1.0	81
49	Annular Modes in the Extratropical Circulation. Part I: Month-to-Month Variability*. <i>Journal of Climate</i> , 2000, 13, 1000-1016.	1.2	2,571
50	Annular Modes in the Extratropical Circulation. Part II: Trends. <i>Journal of Climate</i> , 2000, 13, 1018-1036.	1.2	936
51	North Atlantic Oscillation/annular mode: Two paradigms-one phenomenon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000, 126, 791-805.	1.0	371
52	The Effective Number of Spatial Degrees of Freedom of a Time-Varying Field. <i>Journal of Climate</i> , 1999, 12, 1990-2009.	1.2	1,128
53	The Arctic oscillation signature in the wintertime geopotential height and temperature fields. <i>Geophysical Research Letters</i> , 1998, 25, 1297-1300.	1.5	3,381
54	Seasonality of Large-Scale Atmosphereâ€œOcean Interaction over the North Pacific. <i>Journal of Climate</i> , 1998, 11, 2473-2481.	1.2	65

#	ARTICLE	IF	CITATIONS
55	Role of Low Clouds in Summertime Atmosphere-Ocean Interactions over the North Pacific. <i>Journal of Climate</i> , 1998, 11, 2482-2490.	1.2	96
56	A Pacific Interdecadal Climate Oscillation with Impacts on Salmon Production. <i>Bulletin of the American Meteorological Society</i> , 1997, 78, 1069-1079.	1.7	5,815
57	ENSO-like Interdecadal Variability: 1900-93. <i>Journal of Climate</i> , 1997, 10, 1004-1020.	1.2	2,174
58	Is Climate Variability over the North Pacific a Linear Response to ENSO?. <i>Journal of Climate</i> , 1996, 9, 1468-1478.	1.2	141
59	Observed Climatic Variability: Time Dependence. , 1996, , 1-30.		3
60	Observed Climatic Variability: Spatial Structure. , 1996, , 31-81.		13
61	The Signature of ENSO in Global Temperature and Precipitation Fields Derived from the Microwave Sounding Unit. <i>Journal of Climate</i> , 1994, 7, 1719-1736.	1.2	328
62	The relationship between the wintertime blocking over greenland and the sea ice distribution over North Atlantic. <i>Advances in Atmospheric Sciences</i> , 1993, 10, 453-464.	1.9	3
63	An Intercomparison of Methods for Finding Coupled Patterns in Climate Data. <i>Journal of Climate</i> , 1992, 5, 541-560.	1.2	1,336
64	The Annual Cycle in Equatorial Convection and Sea Surface Temperature. <i>Journal of Climate</i> , 1992, 5, 1140-1156.	1.2	402
65	Singular Value Decomposition of Wintertime Sea Surface Temperature and 500-mb Height Anomalies. <i>Journal of Climate</i> , 1992, 5, 561-576.	1.2	553
66	Low-Frequency Variability in the Northern Hemisphere Winter: Geographical Distribution, Structure and Time-Scale Dependence. <i>Journals of the Atmospheric Sciences</i> , 1989, 46, 3122-3143.	0.6	149
67	Zonal and meridional circulations in the equatorial zone as deduced from the divergence field of the surface wind. <i>Advances in Atmospheric Sciences</i> , 1987, 4, 432-446.	1.9	1
68	Another look at the index cycle. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1985, 37A, 478-486.	0.8	13
69	Planetary-Scale Atmospheric Phenomena Associated with the Southern Oscillation. <i>Monthly Weather Review</i> , 1981, 109, 813-829.	0.5	1,668
70	Teleconnections in the Geopotential Height Field during the Northern Hemisphere Winter. <i>Monthly Weather Review</i> , 1981, 109, 784-812.	0.5	3,633