

# The Atlantic Multidecadal Oscillation and its relation to continental U.S.

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Citation Report

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1	The Recent Increase in Atlantic Hurricane Activity: Causes and Implications. <i>Science</i> , 2001, 293, 474-479.	6.0	1,436
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1599	Reconstructing Global Chlorophyll-a Variations Using a Non-linear Statistical Approach. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	20
1600	Discontinuities in Wintertime Warming in Northern Europe during 1951â€“2016. <i>Climate</i> , 2020, 8, 80.	1.2	4
1601	Central Asian river streamflows have not continued to increase during the recent warming hiatus. <i>Atmospheric Research</i> , 2020, 246, 105124.	1.8	12
1602	A robust relationship between multidecadal global warming rate variations and the Atlantic Multidecadal Variability. <i>Climate Dynamics</i> , 2020, 55, 1945-1959.	1.7	7
1603	Multidecadal variability in the climate system: phenomena and mechanisms. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	6
1604	243 years of reconstructed streamflow volume and identification of extreme hydroclimatic events in the Conchos River Basin, Chihuahua, Mexico. <i>Trees - Structure and Function</i> , 2020, 34, 1347-1361.	0.9	10
1605	The Sahara Desert Hydroclimate and Expanse: Natural Variability and Climate Change. , 2020, , 201-212.		0
1606	Initiation of a stable convective hydroclimatic regime in Central America circa 9000 years BP. <i>Nature Communications</i> , 2020, 11, 716.	5.8	29
1607	Changes in the future summer Mediterranean climate: contribution of teleconnections and local factors. <i>Earth System Dynamics</i> , 2020, 11, 161-181.	2.7	29
1608	Reduced Atlantic variability in the mid-Pliocene. <i>Climatic Change</i> , 2020, 160, 445-461.	1.7	2
1609	Decomposition of the Atlantic Multidecadal Variability in a Historical Climate Simulation. <i>Journal of Climate</i> , 2020, 33, 4229-4254.	1.2	3
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1611	Sensitivity of extreme precipitation in Texas to climatic cycles. <i>Theoretical and Applied Climatology</i> , 2020, 140, 905-914.	1.3	2
1612	North Pacific subtropical mode water is controlled by the Atlantic Multidecadal Variability. <i>Nature Climate Change</i> , 2020, 10, 238-243.	8.1	32
1613	The Influence of the Atlantic Multidecadal Oscillation on the Choco Low-Level Jet and Precipitation in Colombia. <i>Atmosphere</i> , 2020, 11, 174.	1.0	19
1614	Decadal-to-Multidecadal Variability of Seasonal Land Precipitation in Northern Hemisphere in Observation and CMIP6 Historical Simulations. <i>Atmosphere</i> , 2020, 11, 195.	1.0	9
1615	Depositional histories of vegetation and rainfall intensity in Sierra Madre Oriental Mountains (northeast Mexico) since the late Last Glacial. <i>Global and Planetary Change</i> , 2020, 187, 103136.	1.6	9

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1617	Streamflow Intensification Driven by the Atlantic Multidecadal Oscillation (AMO) in the Atrato River Basin, Northwestern Colombia. <i>Water (Switzerland)</i> , 2020, 12, 216.	1.2	15
1618	Leveraging Big Data and Analytics to Improve Food, Energy, and Water System Sustainability. <i>Frontiers in Big Data</i> , 2020, 3, 13.	1.8	9
1619	Analyses of Precipitation and Evapotranspiration Changes across the Lake Kyoga Basin in East Africa. <i>Water (Switzerland)</i> , 2020, 12, 1134.	1.2	14
1620	Drought severity indexes for the Tocantins River Basin, Brazil. <i>Theoretical and Applied Climatology</i> , 2020, 141, 465-481.	1.3	14
1621	Regional precipitation teleconnected with PDO-AMO-ENSO in northern Mexico. <i>Theoretical and Applied Climatology</i> , 2020, 140, 667-681.	1.3	5
1622	Meteorological interaction between drought/oceanic indicators and rainfed maize yield in an arid agricultural zone in northwest Mexico. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	3
1623	Nonlinear characterization and interaction in teleconnection patterns. <i>Advances in Space Research</i> , 2020, 65, 2723-2732.	1.2	11
1624	Changes of crop failure risks in the United States associated with large-scale climate oscillations in the Atlantic and Pacific Oceans. <i>Environmental Research Letters</i> , 2020, 15, 064035.	2.2	12
1625	Large-scale climate variability controls on climate, vegetation coverage, lake and groundwater storage in the Lake Urmia watershed using SSA and wavelet analysis. <i>Science of the Total Environment</i> , 2020, 724, 138273.	3.9	59
1626	A Review of Ocean Dynamics in the North Atlantic: Achievements and Challenges. <i>Climate</i> , 2020, 8, 49.	1.2	0
1627	Copula-Based Multivariate Frequency Analysis of the 2012-2018 Drought in Northeast Brazil. <i>Water (Switzerland)</i> , 2020, 12, 834.	1.2	48
1628	Is the volatility and non-stationarity of the Atlantic Multidecadal Oscillation (AMO) changing?. <i>Global and Planetary Change</i> , 2020, 189, 103160.	1.6	2
1629	Effect of Atlantic Sea Surface Temperature in May on Intraseasonal Variability of Eurasian NDVI in Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031991.	1.2	8
1630	Forecasting of droughts and tree mortality under global warming: a review of causative mechanisms and modeling methods. <i>Journal of Water and Climate Change</i> , 2020, 11, 600-632.	1.2	26
1631	Decadal-Scale Changes in the Seasonal Surface Water Balance of the Central United States from 1984 to 2007. <i>Journal of Hydrometeorology</i> , 2020, 21, 1905-1927.	0.7	4
1632	An endless summer: 2018 heat episodes in Europe in the context of secular temperature variability and change. <i>International Journal of Climatology</i> , 2020, 40, 6315-6336.	1.5	27
1633	The sensitivity of global surface air temperature to vegetation greenness. <i>International Journal of Climatology</i> , 2021, 41, 483-496.	1.5	20

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1634	Environmental influences on Norwegian spring-spawning herring ( <i>Clupea harengus</i> ) larvae reveal recent constraints in recruitment success. <i>ICES Journal of Marine Science</i> , 2021, 78, 640-652.	1.2	16
1635	What's hot and what's not: Making sense of biodiversity "hotspots". <i>Global Change Biology</i> , 2021, 27, 521-535.	4.2	7
1636	Water vapour transport changes associated with the interdecadal decrease in the summer rainfall over Northeast Asia around the late 1990s. <i>International Journal of Climatology</i> , 2021, 41, E1469.	1.5	13
1637	Changes in consecutive dry/wet days and their relationships with local and remote climate drivers in the coastal area of China. <i>Atmospheric Research</i> , 2021, 247, 105138.	1.8	14
1638	Cloud cover changes driven by atmospheric circulation in Europe during the last decades. <i>International Journal of Climatology</i> , 2021, 41, E2211.	1.5	18
1639	Tree rings as indicators of climatic variation in the Trans-Mexican Volcanic Belt, central Mexico. <i>Ecological Indicators</i> , 2021, 120, 106920.	2.6	12
1640	Coupled effects of climate teleconnections on drought, Santa Ana winds and wildfires in southern California. <i>Science of the Total Environment</i> , 2021, 765, 142788.	3.9	19
1641	Impacts of the Atlantic warm pool on North American precipitation and global sea surface temperature in a coupled general circulation model. <i>Climate Dynamics</i> , 2021, 56, 1163-1181.	1.7	6
1642	Restoration of Lake Okeechobee, Florida: mission impossible?. <i>Lake and Reservoir Management</i> , 2021, 37, 95-111.	0.4	14
1643	Unnatural trend of global land long-term surface air temperature change. <i>International Journal of Climatology</i> , 2021, 41, 2330-2341.	1.5	5
1644	Climatology, variability, and trends in near-surface wind speeds over the North Atlantic and Europe during 1979–2018 based on ERA5. <i>International Journal of Climatology</i> , 2021, 41, 2253-2278.	1.5	37
1645	Pairwise-rotated EOFs of global cloud cover and their linkages to sea surface temperature. <i>International Journal of Climatology</i> , 2021, 41, 2342-2359.	1.5	5
1646	Interdecadal modulation of interannual ENSO-Indian summer monsoon rainfall teleconnections in observations and CMIP6 models: Regional patterns. <i>International Journal of Climatology</i> , 2021, 41, 2528-2552.	1.5	18
1647	Variations in northeast Asian summer precipitation driven by the Atlantic multidecadal oscillation. <i>International Journal of Climatology</i> , 2021, 41, 1682-1695.	1.5	16
1648	Modes of climate variability and their relationships with interhemispheric temperature asymmetry: a Granger causality analysis. <i>Theoretical and Applied Climatology</i> , 2021, 143, 1077-1081.	1.3	2
1649	Spatial and Temporal Patterns of Low Streamflow and Precipitation Changes in the Chesapeake Bay Watershed. <i>Journal of the American Water Resources Association</i> , 2021, 57, 96-108.	1.0	7
1650	The role of blocking circulation and emerging open water feedbacks on Greenland cold-season air temperature variability over the last century. <i>International Journal of Climatology</i> , 2021, 41, E2778.	1.5	5
1651	Rapid changes in northeastern tropical Pacific Ocean surface salinity due to trans-basin moisture transport in recent decades. <i>Climate Dynamics</i> , 2021, 56, 2245-2257.	1.7	3

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1653	Attribution of late summer early autumn Arctic sea ice decline in recent decades. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	11
1654	Multidecadal Variability of the Hydrothermodynamic Characteristics of the North Atlantic Subpolar Gyre. <i>Springer Geology</i> , 2021, , 293-300.	0.2	0
1655	Genomic evidence of past and future climate-linked loss in a migratory Arctic fish. <i>Nature Climate Change</i> , 2021, 11, 158-165.	8.1	36
1656	Alboran Sea Area Climate and Weather. , 2021, , 31-83.		2
1657	Ocean current changes. , 2021, , 219-249.		0
1658	Socioeconomic Drought in a Mexican Semi-arid City: Monterrey Metropolitan Area, a Case Study. <i>Frontiers in Water</i> , 2021, 3, .	1.0	1
1659	Impact of Atlantic multidecadal oscillation on interannual relationship between <scp>ENSO</scp> and East Asian early summer monsoon. <i>International Journal of Climatology</i> , 2021, 41, 2860-2877.	1.5	8
1660	Spatial variations in the warming trend and the transition to more severe weather in midlatitudes. <i>Scientific Reports</i> , 2021, 11, 145.	1.6	14
1661	Decadal Change of Heavy Snowfall over Northern China in the Mid-1990s and Associated Background Circulations. <i>Journal of Climate</i> , 2021, 34, 825-837.	1.2	19
1662	Bi-decadal variability in physico-biogeochemical characteristics of temperate coastal ecosystems: from large-scale to local drivers. <i>Marine Ecology - Progress Series</i> , 2021, 660, 19-35.	0.9	8
1663	Recurrent transitions to Little Ice Age-like climatic regimes over the Holocene. <i>Climate Dynamics</i> , 2021, 56, 3817-3833.	1.7	13
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1665	Quantifying atmosphere and ocean origins of North American precipitation variability. <i>Climate Dynamics</i> , 2021, 56, 4051-4074.	1.7	3
1666	Summertime variability of Mediterranean evaporation: competing impacts from the mid latitudes teleconnections and the South Asian monsoon. <i>Theoretical and Applied Climatology</i> , 2021, 144, 779-791.	1.3	0
1667	Hydroclimatic trends during 1950â€2018 over global land. <i>Climate Dynamics</i> , 2021, 56, 4027-4049.	1.7	43
1668	Accelerated decline of summer Arctic sea ice during 1850â€2017 and the amplified Arctic warming during the recent decades. <i>Environmental Research Letters</i> , 2021, 16, 034015.	2.2	34
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1671	Interannual Variability of Air Temperature over Myanmar: The Influence of ENSO and IOD. <i>Climate</i> , 2021, 9, 35.	1.2	26
1672	North Atlantic Oscillation and fisheries management during global climate change. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 319-336.	2.4	16
1673	Quantifying the influence of natural climate variability on in situ measurements of seasonal total and extreme daily precipitation. <i>Climate Dynamics</i> , 2021, 56, 3205-3230.	1.7	10
1674	Ferramenta para o monitoramento dos padrões de teleconexão na América do Sul. <i>Terrae Didactica</i> , 0, 17, e02109.	0.0	11
1675	Interdecadal weakening of the cross-equatorial flows over the Maritime Continent during the boreal summer in the mid-1990s: drivers and physical processes. <i>Climate Dynamics</i> , 2021, 57, 55-72.	1.7	3
1676	Extreme Drought in the Brazilian Pantanal in 2019–2020: Characterization, Causes, and Impacts. <i>Frontiers in Water</i> , 2021, 3, .	1.0	136
1677	A shift in the ocean circulation has warmed the subpolar North Atlantic Ocean since 2016. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	29
1678	On the uncertainty of future projections of Marine Heatwave events in the North Atlantic Ocean. <i>Climate Dynamics</i> , 2021, 56, 2027-2056.	1.7	13
1679	Origin of Indian Ocean multidecadal climate variability: role of the North Atlantic Oscillation. <i>Climate Dynamics</i> , 2021, 56, 3277-3294.	1.7	17
1680	Is There a Tropical Response to Recent Observed Southern Ocean Cooling?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091235.	1.5	20
1681	A delay equation model for the Atlantic Multidecadal Oscillation. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200659.	1.0	0
1682	Was the 2015 North Atlantic subpolar cold anomaly predictable?. <i>Journal of Climate</i> , 2021, , 1-69.	1.2	1
1683	The importance of interbasin atmospheric teleconnection in the SST footprint of Atlantic multidecadal oscillation over western Pacific. <i>Climate Dynamics</i> , 2021, 57, 239-252.	1.7	13
1684	The decadal sea level variability observed in the Indian Ocean tide gauge records and its association with global climate modes. <i>Global and Planetary Change</i> , 2021, 198, 103427.	1.6	10
1685	How Does the North Atlantic SST Pattern Respond to Anthropogenic Aerosols in the 1970s and 2000s?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092142.	1.5	13
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1687	Climate Variability Indices—A Guided Tour. <i>Geosciences (Switzerland)</i> , 2021, 11, 128.	1.0	7

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1690	Observed trends in clouds and precipitation (1983–2009): implications for their cause(s). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4899-4913.	1.9	7
1691	Evolving AMOC multidecadal variability under different CO2 forcings. <i>Climate Dynamics</i> , 2021, 57, 593-610.	1.7	6
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1693	Atmosphere Driven Mass-Balance Sensitivity of Halji Glacier, Himalayas. <i>Atmosphere</i> , 2021, 12, 426.	1.0	13
1694	Investigating the Roles of External Forcing and Ocean Circulation on the Atlantic Multidecadal SST Variability in a Large Ensemble Climate Model Hierarchy. <i>Journal of Climate</i> , 2021, 34, 4835-4849.	1.2	10
1695	Characterizing Bushfire Occurrences over Jamaica Using the MODIS C6 Fire Archive 2001–2019. <i>Atmosphere</i> , 2021, 12, 390.	1.0	3
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1697	Role of the eastern Pacific-Caribbean Sea SST gradient in the Choco low-level jet variations from 1900-2015. <i>Climate Research</i> , 2021, 83, 61-74.	0.4	9
1698	North Sea salt-marsh archives trace past storminess and climate variability. <i>Global and Planetary Change</i> , 2021, 198, 103403.	1.6	8
1699	CAFE60v1: A 60-year large ensemble climate reanalysis. Part II: Evaluation. <i>Journal of Climate</i> , 2021, , 1-62.	1.2	4
1700	Two Tropical Routes for the Remote Influence of the Northern Tropical Atlantic on the Indo–Western Pacific Summer Climate. <i>Journal of Climate</i> , 2021, 34, 1619-1634.	1.2	9
1701	Machine Learning Modeling of Climate Variability Impact on River Runoff. <i>Water (Switzerland)</i> , 2021, 13, 1177.	1.2	7
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1704	Changing summer precipitation variability in the Alpine region: on the role of scale dependent atmospheric drivers. <i>Climate Dynamics</i> , 2021, 57, 1009-1021.	1.7	7
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1707	Surface and Tropospheric Response of North Atlantic Summer Climate from Paleoclimate Simulations of the Past Millennium. <i>Atmosphere</i> , 2021, 12, 568.	1.0	1
1708	Decadal Modulation of the ENSO–Indian Ocean Basin Warming Relationship during the Decaying Summer by the Interdecadal Pacific Oscillation. <i>Journal of Climate</i> , 2021, 34, 2685-2699.	1.2	14
1709	The Contribution of Internal Variability to Asian Midlatitude Warming. <i>Journal of Climate</i> , 2021, 34, 2429-2439.	1.2	2
1710	Observational analysis of decadal and long-term hydroclimate drivers in the Mediterranean region: role of the ocean–atmosphere system and anthropogenic forcing. <i>Climate Dynamics</i> , 0, , 1.	1.7	3
1711	Eritrean central–highland precipitation and associations with sea–surface temperature and atmospheric circulation. <i>International Journal of Climatology</i> , 2021, 41, 5502.	1.5	0
1712	Impacts of teleconnection patterns on South America climate. <i>Annals of the New York Academy of Sciences</i> , 2021, 1504, 116-153.	1.8	44
1713	Long-term variability of Sea Surface Temperature in the Tropical Indian Ocean in relation to climate change and variability. <i>Global and Planetary Change</i> , 2021, 199, 103436.	1.6	4
1714	The spatio-temporal influence of atmospheric teleconnection patterns on hydrology in Sweden. <i>Journal of Hydrology: Regional Studies</i> , 2021, 34, 100782.	1.0	11
1716	Climate change and Northern Hemisphere lake and river ice phenology from 1931–2005. <i>Cryosphere</i> , 2021, 15, 2211-2234.	1.5	20
1717	Gross Discrepancies between Observed and Simulated Twentieth-to-Twenty-First-Century Precipitation Trends in Southeastern South America. <i>Journal of Climate</i> , 2021, 34, 6441-6457.	1.2	6
1718	Analysis of rainfall variability for the October to December over Tanzania on different timescales during 1951–2015. <i>International Journal of Climatology</i> , 2021, 41, 6183-6204.	1.5	9
1719	Does statistical model perform at par with computationally expensive general circulation model for decadal prediction?. <i>Environmental Research Letters</i> , 2021, 16, 064028.	2.2	3
1720	Local- and Regional-Scale Forcing of Glacier Mass Balance Changes in the Swiss Alps. <i>Remote Sensing</i> , 2021, 13, 1949.	1.8	4
1721	The Impact of the Atlantic Multidecadal Oscillation on the Interannual Relationship Between the Storm Track and SST Over the North Atlantic in Spring. <i>Atmosphere - Ocean</i> , 2021, 59, 152-164.	0.6	0
1722	Observed Influence of Soil Moisture on the North American Monsoon: An Assessment Using the Stepwise Generalized Equilibrium Feedback Assessment Method. <i>Journal of Climate</i> , 2021, , 1-45.	1.2	1
1723	Variability and upward trend in the kinetic energy of western boundary currents over the last century: impacts from barostatic and dynamic sea level change. <i>Climate Dynamics</i> , 2021, 57, 2351.	1.7	4
1724	Warm season temperature in the Qinling Mountains (north-central China) since 1740 CE recorded by tree-ring maximum latewood density of Shensi fir. <i>Climate Dynamics</i> , 2021, 57, 2653-2667.	1.7	9

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1726	The thermal state of the North Atlantic and macro-circulation conditions in the <scp>Atlanticâ€European</scp> sector, and changes in sunshine duration in Central Europe. <i>International Journal of Climatology</i> , 2022, 42, 748-761.	1.5	9
1727	Long-Lead Seasonal Prediction of Streamflow over the Upper Colorado River Basin: The Role of the Pacific Sea Surface Temperature and Beyond. <i>Journal of Climate</i> , 2021, , 1-47.	1.2	2
1728	Multidecadal Variability in Mediterranean Sea Surface Temperature and Its Sources. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091814.	1.5	0
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1730	Is there a quasi 60-year oscillation in global tides?. <i>Continental Shelf Research</i> , 2021, 222, 104433.	0.9	11
1731	Skillful prediction of summer rainfall in the Tibetan Plateau on multiyear time scales. <i>Science Advances</i> , 2021, 7, .	4.7	26
1732	Detecting tropical cyclones from climate- and oscillation-free tree-ring width chronology of longleaf pine in south-central Georgia. <i>Global and Planetary Change</i> , 2021, 201, 103490.	1.6	5
1733	Persistent Multidecadal Variability Since the 15th Century in the Southern Barents Sea Derived From Annually Resolved Shellâ€Based Records. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017074.	1.0	8
1734	Decadal Dynamics of the CO2 System and Associated Ocean Acidification in Coastal Ecosystems of the North East Atlantic Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
1735	International politics must be considered together with climate and fisheries regulation as a driver of marine ecosystems. <i>Global Environmental Change</i> , 2021, 69, 102288.	3.6	6
1736	Characterizing unforced decadal climate variability in global climate model large ensembles. <i>Climate Dynamics</i> , 2022, 58, 211-222.	1.7	2
1737	Application of Z-numbers to monitor drought using large-scale oceanic-atmospheric parameters. <i>Journal of Hydrology</i> , 2021, 598, 126198.	2.3	15
1738	Interdecadal change in the relationship between boreal winter North Pacific Oscillation and Eastern Australian rainfall in the following autumn. <i>Climate Dynamics</i> , 2021, 57, 3265-3283.	1.7	3
1739	Feature engineering for subseasonal-to-seasonal warm-season precipitation forecasts in the Midwestern US: towards a unifying hypothesis of anomalous warm-season hydroclimatic circulation. <i>Journal of Climate</i> , 2021, , 1-67.	1.2	1
1740	Distinctive impact of spring AO on the succedent winter El NiÃ±o event: sensitivity to AOâ€™s North Pacific component. <i>Climate Dynamics</i> , 2022, 58, 235-255.	1.7	5
1741	Better representation of dust can improve climate models with too weak an African monsoon. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11423-11435.	1.9	10
1742	The joint impacts of Atlantic and Pacific multidecadal variability on South American precipitation and temperature. <i>Journal of Climate</i> , 2021, , 1-55.	1.2	7



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1744	Space- and time-varying associations between Bangladesh's seasonal rainfall and large-scale climate oscillations. <i>Theoretical and Applied Climatology</i> , 2021, 145, 1347-1367.	1.3	3
1745	El Niño Southern Oscillation and decadal climate variability impacts on crop yields and adaptation value. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , .	0.6	6
1746	Effect of ENSO modulation by decadal and multi-decadal climatic oscillations on contiguous United States streamflows. <i>Journal of Hydrology: Regional Studies</i> , 2021, 36, 100876.	1.0	6
1747	Linking AMOC Variations With the Multidecadal Seesaw in Tropical Cyclone Activity Between Eastern North Pacific and Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017308.	1.0	2
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