

# Vincent Moron

## List of Publications by Year in descending order

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89  
papers

4,072  
citations

94433

37  
h-index

123424

61  
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91  
all docs

91  
docs citations

91  
times ranked

4231  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A semi-objective circulation pattern classification scheme for the semi-arid Northeast Brazil. <i>International Journal of Climatology</i> , 2021, 41, 51-72.   | 3.5 | 2         |
| 2  | Storm types in India: linking rainfall duration, spatial extent and intensity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200137.                              | 3.4 | 7         |
| 3  | Relationships between subseasonal-to-seasonal predictability and spatial scales in tropical rainfall. <i>International Journal of Climatology</i> , 2021, 41, 5596.   | 3.5 | 3         |
| 4  | Recent changes in the atmospheric circulation patterns during the dry-to-wet transition season in south tropical South America (1979-2020): Impacts on precipitation and fire season. <i>Journal of Climate</i> , 2021, , 1-56. | 3.2 | 16        |
| 5  | Detection, variability, and predictability of monsoon onset and withdrawal dates: A review. <i>International Journal of Climatology</i> , 2020, 40, 641-667.  | 3.5 | 51        |
| 6  | Seasonal atmospheric transitions in the Caribbean basin and Central America. <i>Climate Dynamics</i> , 2020, 55, 1809-1828.   | 3.8 | 11        |
| 7  | Increased likelihood of heat-induced large wildfires in the Mediterranean Basin. <i>Scientific Reports</i> , 2020, 10, 13790.   | 3.3 | 124       |
| 8  | Tropical rainfall subseasonal-to-seasonal predictability types. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .   | 6.8 | 12        |
| 9  | Impact of atmospheric circulation on the rainfall-temperature relationship in Australia. <i>Environmental Research Letters</i> , 2020, 15, 094098.  | 5.2 | 21        |
| 10 | A synthesis of hourly and daily precipitation extremes in different climatic regions. <i>Weather and Climate Extremes</i> , 2019, 26, 100219.   | 4.1 | 50        |
| 11 | Variability of the Cold Season Climate in Central Asia. Part II: Hydroclimatic Predictability. <i>Journal of Climate</i> , 2019, 32, 6015-6033.   | 3.2 | 13        |
| 12 | Evaluation of remotely sensed rainfall products over Central Africa. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2115-2138.   | 2.7 | 54        |
| 13 | Weather Types and Hourly to Multiday Rainfall Characteristics in Tropical Australia. <i>Journal of Climate</i> , 2019, 32, 3983-4011.   | 3.2 | 15        |
| 14 | The light-deficient climates of western Central African evergreen forests. <i>Environmental Research Letters</i> , 2019, 14, 034007.  | 5.2 | 30        |
| 15 | Weather Within Climate: Sub-seasonal Predictability of Tropical Daily Rainfall Characteristics. , 2019, , 47-64.  |     | 5         |
| 16 | Daily Weather Types in February-June (1979-2016) and Temperature Variations in Tropical North Africa. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 1171-1195.  | 1.5 | 13        |
| 17 | Editorial: Sub-seasonal to Seasonal Predictability and Prediction of Monsoon Climates. <i>Frontiers in Environmental Science</i> , 2018, 6, .   | 3.3 | 6         |
| 18 | Extreme wildfire events are linked to global-change-type droughts in the northern Mediterranean. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 847-856.  | 3.6 | 111       |

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|----|---|-----|-----------|
| 19 | Variability of the Cold Season Climate in Central Asia. Part I: Weather Types and Their Tropical and Extratropical Drivers. <i>Journal of Climate</i> , 2018, 31, 7185-7207.  | 3.2 | 33        |
| 20 | Daily synoptic conditions associated with large fire occurrence in Mediterranean France: evidence for a wind-driven fire regime. <i>International Journal of Climatology</i> , 2017, 37, 524-533.                     | 3.5 | 76        |
| 21 | Potential stabilizing points to mitigate tipping point interactions in Earth's climate. <i>International Journal of Climatology</i> , 2017, 37, 399-408.  | 3.5 | 12        |
| 22 | Characterization of Heat Waves in the Sahel and Associated Physical Mechanisms. <i>Journal of Climate</i> , 2017, 30, 3095-3115.  | 3.2 | 37        |
| 23 | On the spatial coherence of sub-seasonal to seasonal Indian rainfall anomalies. <i>Climate Dynamics</i> , 2017, 49, 3403-3423.  | 3.8 | 26        |
| 24 | Hydro-climatology of the Lower Rhône Valley: historical flood reconstruction (AD 1300–2000) based on documentary and instrumental sources. <i>Hydrological Sciences Journal</i> , 2017, 62, 1772-1795.                | 2.6 | 18        |
| 25 | Winter Weather Regimes in the Northeast United States. <i>Journal of Climate</i> , 2016, 29, 2963-2980.   | 3.2 | 53        |
| 26 | Trends of mean temperatures and warm extremes in northern tropical Africa (1961–2014) from observed and PPCA-reconstructed time series. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5298-5319. | 3.3 | 48        |
| 27 | Weather types across the Caribbean basin and their relationship with rainfall and sea surface temperature. <i>Climate Dynamics</i> , 2016, 47, 601-621.   | 3.8 | 26        |
| 28 | Analysis of the diurnal cycles for a better understanding of the mean annual cycle of forests greenness in Central Africa. <i>Agricultural and Forest Meteorology</i> , 2016, 223, 81-94.                             | 4.8 | 19        |
| 29 | Subseasonal-to-interannual variability of rainfall over New Caledonia (SW Pacific). <i>Climate Dynamics</i> , 2016, 46, 2449-2468.  | 3.8 | 8         |
| 30 | Weather types across the Maritime Continent: from the diurnal cycle to interannual variations. <i>Frontiers in Environmental Science</i> , 2015, 2, .   | 3.3 | 52        |
| 31 | Ethnographic context and spatial coherence of climate indicators for farming communities – A multi-regional comparative assessment. <i>Climate Risk Management</i> , 2015, 8, 28-46.                                  | 3.2 | 6         |
| 32 | Interannual and intra-annual variability of rainfall in Haiti (1905–2005). <i>Climate Dynamics</i> , 2015, 45, 915-932.   | 3.8 | 13        |
| 33 | Confronting Farmers' Perceptions of Climatic Vulnerability with Observed Relationships between Yields and Climate Variability in Central Argentina. <i>Weather, Climate, and Society</i> , 2015, 7, 39-59.            | 1.1 | 13        |
| 34 | Anomalously wet and dry rainy seasons in Equatorial East Africa and associated differences in intra-seasonal characteristics. <i>Climate Dynamics</i> , 2015, 45, 2101-2121.  | 3.8 | 18        |
| 35 | Understanding fire patterns and fire drivers for setting a sustainable management policy of the New-Caledonian biodiversity hotspot. <i>Forest Ecology and Management</i> , 2015, 337, 48-60.                         | 3.2 | 28        |
| 36 | Interannual variability of Indian summer monsoon rainfall onset date at local scale. <i>International Journal of Climatology</i> , 2014, 34, 1050-1061.   | 3.5 | 44        |

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|----|---|-----|-----------|
| 37 | Influence of the warm pool and cold tongue El Niño on the following Caribbean rainy season rainfall. <i>Climate Dynamics</i> , 2014, 42, 919-929.   | 3.8 | 14        |
| 38 | Cropping System Dynamics, Climate Variability, and Seed Losses among East African Smallholder Farmers: A Retrospective Survey. <i>Weather, Climate, and Society</i> , 2014, 6, 354-370.                   | 1.1 | 13        |
| 39 | Regional-Scale Rainy Season Onset Detection: A New Approach Based on Multivariate Analysis. <i>Journal of Climate</i> , 2013, 26, 8916-8928.  | 3.2 | 38        |
| 40 | Diurnal Cycle in Different Weather Regimes and Rainfall Variability over Borneo Associated with ENSO. <i>Journal of Climate</i> , 2013, 26, 1772-1790.  | 3.2 | 78        |
| 41 | Prediction of September–December Fire in New Caledonia (Southwestern Pacific) Using July Niño-4 Sea Surface Temperature Index. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 623-633. | 1.5 | 5         |
| 42 | Extracting Subseasonal Scenarios: An Alternative Method to Analyze Seasonal Predictability of Regional-Scale Tropical Rainfall. <i>Journal of Climate</i> , 2013, 26, 2580-2600.                          | 3.2 | 24        |
| 43 | Downscaling of Seasonal Rainfall over the Philippines: Dynamical versus Statistical Approaches. <i>Monthly Weather Review</i> , 2012, 140, 1204-1218.   | 1.4 | 18        |
| 44 | ITCZ and ENSO-like pacing of Nile delta hydro-geomorphology during the Holocene. <i>Quaternary Science Reviews</i> , 2012, 45, 73-84.   | 3.0 | 100       |
| 45 | Impact of the modulated annual cycle and intraseasonal oscillation on daily-to-interannual rainfall variability across monsoonal India. <i>Climate Dynamics</i> , 2012, 38, 2409-2435.                    | 3.8 | 35        |
| 46 | Relationships between MODIS and ATSR fires and atmospheric variability in New Caledonia (SW) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3  | 3.3 | 13        |
| 47 | Seasonal to decadal modulation of the impact of El Niño-Southern Oscillation on New Caledonia (SW) Tj ETQq1 1,0,784314 rgBT/O   | 3.3 | 12        |
| 48 | Correction to "Relationships between MODIS and ATSR fires and atmospheric variability in New Caledonia (SW Pacific)" <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.                         | 3.3 | 1         |
| 49 | The onset of the rainy season and farmers' sowing strategy for pearl millet cultivation in Southwest Niger. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1356-1369.                            | 4.8 | 138       |
| 50 | THE MARITIME CONTINENT MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2011, , 85-98.   | 0.2 | 51        |
| 51 | Les interactions d'échelle au sein du système climatique : l'exemple de l'impact des phases chaudes de l'El Niño Oscillation Australe en Indonésie. <i>Climatologie</i> , 2011, 8, 43-57.                 | 0.2 | 0         |
| 52 | Local versus regional-scale characteristics of monsoon onset and post-onset rainfall over Indonesia. <i>Climate Dynamics</i> , 2010, 34, 281-299.   | 3.8 | 65        |
| 53 | Past dynamics of the Australian monsoon: precession, phase and links to the global monsoon concept. <i>Climate of the Past</i> , 2010, 6, 695-706.  | 3.4 | 46        |
| 54 | Interactions among ENSO, the Monsoon, and Diurnal Cycle in Rainfall Variability over Java, Indonesia. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3509-3524.                                  | 1.7 | 141       |

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|----|---|-----|-----------|
| 55 | Spatial Coherence and Seasonal Predictability of Monsoon Onset over Indonesia. <i>Journal of Climate</i> , 2009, 22, 840-850.   | 3.2 | 89        |
| 56 | Seasonal predictability of daily rainfall statistics over Indramayu district, Indonesia. <i>International Journal of Climatology</i> , 2009, 29, 1449-1462.   | 3.5 | 61        |
| 57 | Components of rainy seasons' variability in Equatorial East Africa: onset, cessation, rainfall frequency and intensity. <i>Theoretical and Applied Climatology</i> , 2009, 98, 237-249.                                     | 2.8 | 109       |
| 58 | Spatio-temporal variability and predictability of summer monsoon onset over the Philippines. <i>Climate Dynamics</i> , 2009, 33, 1159-1177.   | 3.8 | 48        |
| 59 | Spatial Coherence of Monsoon Onset over Western and Central Sahel (1950-2000). <i>Journal of Climate</i> , 2009, 22, 1313-1324.   | 3.2 | 83        |
| 60 | Sea surges around the Gulf of Lions and atmospheric conditions. <i>Global and Planetary Change</i> , 2008, 63, 203-214.   | 3.5 | 31        |
| 61 | Weather Types and Rainfall over Senegal. Part I: Observational Analysis. <i>Journal of Climate</i> , 2008, 21, 266-287.   | 3.2 | 65        |
| 62 | Weather Types and Rainfall over Senegal. Part II: Downscaling of GCM Simulations. <i>Journal of Climate</i> , 2008, 21, 288-307.  | 3.2 | 39        |
| 63 | Spatial Coherence of Tropical Rainfall at the Regional Scale. <i>Journal of Climate</i> , 2007, 20, 5244-5263.  | 3.2 | 95        |
| 64 | Teleconnections between ENSO and North Atlantic in an ECHO-G simulation of the 1000-1990 period. <i>Geophysical Research Letters</i> , 2007, 34, .  | 4.0 | 20        |
| 65 | Seasonal Predictability and Spatial Coherence of Rainfall Characteristics in the Tropical Setting of Senegal. <i>Monthly Weather Review</i> , 2006, 134, 3248-3262.   | 1.4 | 75        |
| 66 | Translating climate forecasts into agricultural terms: advances and challenges. <i>Climate Research</i> , 2006, 33, 27-41.  | 1.1 | 219       |
| 67 | Simulation of West African monsoon circulation in four atmospheric general circulation models forced by prescribed sea surface temperature. <i>Journal of Geophysical Research</i> , 2004, 109, .                           | 3.3 | 21        |
| 68 | Seasonal modulation of the El Niño-southern oscillation relationship with sea level pressure anomalies over the North Atlantic in October-March 1873-1996. <i>International Journal of Climatology</i> , 2003, 23, 143-155. | 3.5 | 92        |
| 69 | The impact of El Niño-southern oscillation upon weather regimes over Europe and the North Atlantic during boreal winter. <i>International Journal of Climatology</i> , 2003, 23, 363-379.                                   | 3.5 | 75        |
| 70 | Variability of the impact of El Niño-southern oscillation on sea-level pressure anomalies over the North Atlantic in January to March (1874-1996). <i>International Journal of Climatology</i> , 2003, 23, 1549-1566.       | 3.5 | 53        |
| 71 | Skill of Sahel rainfall variability in four atmospheric GCMs forced by prescribed SST. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.   | 4.0 | 15        |
| 72 | L'évolution séculaire des températures de surface de la mer Méditerranée (1856-2000). <i>Comptes Rendus - Geoscience</i> , 2003, 335, 721-727.  | 1.2 | 16        |

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|----|--|-----|-----------|
| 73 | Observed and SST-forced seasonal rainfall variability across tropical America. International Journal of Climatology, 2001, 21, 1467-1501.  | 3.5 | 14        |
| 74 | Variabilit  intra-saisonn re et multi-d cennale de la t mperature de surface (100 W 50 E; 30  70 N) et les ENSO/LNSO (1873 1996). Comptes Rendus De L'Acad mie Des Sciences Earth & Planetary Sciences S rie II, Sciences De La Terre Et Des Plan tes =, 2000, 331, 633-640. | 0.2 | 2         |
| 75 | R ponse   Marcel Leroux. La M t orologie, 1999, 8, 51.   | 0.5 | 0         |
| 76 | Analyse multivari e de la r ponse atmosph rique simul e aux temp ratures de surface oc anique (1961 1994). Comptes Rendus De L'Acad mie Des Sciences Earth & Planetary Sciences S rie II, Sciences De La Terre Et Des Plan tes =, 1999, 328, 641-648.                        | 0.2 | 0         |
| 77 | ENSO teleconnections with climate variability in the European and African sectors. Weather, 1998, 53, 287-295.   | 0.7 | 58        |
| 78 | Skill and reproducibility of seasonal rainfall patterns in the tropics in ECHAM-4 GCM simulations with prescribed SST. Climate Dynamics, 1998, 14, 83-100.   | 3.8 | 34        |
| 79 | Trends, interdecadal and interannual oscillations in global sea-surface temperatures. Climate Dynamics, 1998, 14, 545-569.   | 3.8 | 245       |
| 80 | West African Monsoon Dynamics and Eastern Equatorial Atlantic and Pacific SST Anomalies (1970 88). Journal of Climate, 1998, 11, 1874-1882.  | 3.2 | 116       |
| 81 | Trend, decadal and interannual variability in annual rainfall of subequatorial and tropical North Africa (1900 1994). International Journal of Climatology, 1997, 17, 785-805.   | 3.5 | 29        |
| 82 | Sahel droughts and Enso dynamics. Geophysical Research Letters, 1996, 23, 515-518.   | 4.0 | 236       |
| 83 | Global atmospheric response to specific linear combinations of the main SST modes.. Annales Geophysicae, 1996, 14, 1066.   | 1.6 | 5         |
| 84 | Rainfall Anomaly Patterns and Wind Field Signals over West Africa in August (1958 1989). Journal of Climate, 1995, 8, 1503-1510.   | 3.2 | 100       |
| 85 | Variability of the African convection centre as viewed by outgoing longwave radiation records and relationships with sea-surface temperature patterns. International Journal of Climatology, 1995, 15, 25-34.  | 3.5 | 12        |
| 86 | Rainfall variability in subequatorial America and Africa and relationships with the main sea-surface temperature modes (1951 1990). International Journal of Climatology, 1995, 15, 1297-1322.   | 3.5 | 71        |
| 87 | Global equatorial variability of 850 and 200 hPa zonal winds from rawinsondes between 1963 and 1989. Geophysical Research Letters, 1995, 22, 1701-1704.  | 4.0 | 7         |
| 88 | Guinean and sahelian rainfall anomaly indices at annual and monthly scales (1933 1990). International Journal of Climatology, 1994, 14, 325-341.   | 3.5 | 70        |
| 89 | Configurations atmosph riques de vastes  chelles spatiales et variabilit  des surcotes dans le Golfe du Lion. CyberGeo, 0, , .   | 0.0 | 0         |