

# Pierre Camberlin

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

3,239  
citations

172457

29  
h-index

161849

54  
g-index

78  
all docs

78  
docs citations

78  
times ranked

3251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insolation Cycles as a Major Control of Equatorial Indian Ocean Primary Production. <i>Science</i> , 1997, 278, 1451-1454.	12.6	285
2	The East African March–May Rainy Season: Associated Atmospheric Dynamics and Predictability over the 1968–97 Period. <i>Journal of Climate</i> , 2002, 15, 1002-1019.	3.2	218
3	Rainfall Anomalies in the Source Region of the Nile and Their Connection with the Indian Summer Monsoon. <i>Journal of Climate</i> , 1997, 10, 1380-1392.	3.2	199
4	Recent changes in dry spell and extreme rainfall events in Ethiopia. <i>Theoretical and Applied Climatology</i> , 2006, 83, 181-191.	2.8	149
5	Determinants of the interannual relationships between remote sensed photosynthetic activity and rainfall in tropical Africa. <i>Remote Sensing of Environment</i> , 2007, 106, 199-216.	11.0	133
6	Comparison of rainfall structures between NCEP/NCAR reanalyses and observed data over tropical Africa. <i>Climate Dynamics</i> , 2000, 16, 897-915.	3.8	118
7	Influence of the Madden–Julian Oscillation on East African rainfall. I: Intraseasonal variability and regional dependency. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2006, 132, 2521-2539.	2.7	112
8	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
9	Interannual variability of rainfall in the eastern horn of Africa and indicators of atmospheric circulation. <i>International Journal of Climatology</i> , 1993, 13, 533-546.	3.5	100
10	The effects of the Southwest Indian Ocean tropical cyclones on Ethiopian drought. <i>International Journal of Climatology</i> , 1998, 18, 1373-1388.	3.5	99
11	Spatial Coherence of Tropical Rainfall at the Regional Scale. <i>Journal of Climate</i> , 2007, 20, 5244-5263.	3.2	95
12	June-september rainfall in north-eastern Africa and atmospheric signals over the tropics: A zonal perspective. <i>International Journal of Climatology</i> , 1995, 15, 773-783.	3.5	90
13	Influence of the Madden–Julian Oscillation on East African rainfall: II. March–May season extremes and interannual variability. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2006, 132, 2541-2558.	2.7	68
14	Application of daily rainfall principal component analysis to the assessment of the rainy season characteristics in Senegal. <i>Climate Research</i> , 2003, 23, 159-169.	1.1	66
15	Influence of topography on monthly rainfall distribution over East Africa. <i>Climate Research</i> , 2005, 28, 199-212.	1.1	65
16	Testing WRF capability in simulating the atmospheric water cycle over Equatorial East Africa. <i>Climate Dynamics</i> , 2011, 37, 1357-1379.	3.8	64
17	Characterization of the Interannual and Intraseasonal Variability of West African Vegetation between 1982 and 2002 by Means of NOAA AVHRR NDVI Data. <i>Journal of Climate</i> , 2007, 20, 1202-1218.	3.2	62
18	Exploring the predictability of the ‘Short Rains’ at the coast of East Africa. <i>International Journal of Climatology</i> , 2004, 24, 1333-1343.	3.5	60

#	ARTICLE	IF	CITATIONS
19	Vegetation structure and greenness in Central Africa from Modis multi-temporal data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120309.	4.0	59
20	Intraseasonal wind anomalies related to wet and dry spells during the ?long? and ?short? rainy seasons in Kenya. <i>Theoretical and Applied Climatology</i> , 1997, 58, 57-69.	2.8	57
21	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
22	An improvement of June-September rainfall forecasting in the Sahel based upon region April-May moist static energy content (1968-1997). <i>Geophysical Research Letters</i> , 1999, 26, 2041-2044.	4.0	52
23	Atmospheric conditions and weather regimes associated with extreme winter dry spells over the Mediterranean basin. <i>Climate Dynamics</i> , 2018, 50, 4437-4453.	3.8	41
24	Extreme dry spell detection and climatology over the Mediterranean Basin during the wet season. <i>Geophysical Research Letters</i> , 2016, 43, 7196-7204.	4.0	40
25	Evolution of Mediterranean extreme dry spells during the wet season under climate change. <i>Regional Environmental Change</i> , 2019, 19, 2339-2351.	2.9	40
26	Zonal circulations over the Indian and Pacific Oceans and the level of lakes Victoria and Tanganyika. <i>International Journal of Climatology</i> , 2004, 24, 1613-1624.	3.5	38
27	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
28	Climate Adjustments over Africa Accompanying the Indian Monsoon Onset. <i>Journal of Climate</i> , 2010, 23, 2047-2064.	3.2	33
29	Nile Basin Climates. <i>Monographiae Biologicae</i> , 2009, , 307-333.	0.1	32
30	The Precipitation Inferred from Soil Moisture (PrISM) Near Real-Time Rainfall Product: Evaluation and Comparison. <i>Remote Sensing</i> , 2020, 12, 481.	4.0	32
31	The light-deficient climates of western Central African evergreen forests. <i>Environmental Research Letters</i> , 2019, 14, 034007.	5.2	30
32	Timing and Patterns of the ENSO Signal in Africa over the Last 30 Years: Insights from Normalized Difference Vegetation Index Data. <i>Journal of Climate</i> , 2014, 27, 2509-2532.	3.2	29
33	Indigenous Past Climate Knowledge as Cultural Built-in Object and Its Accuracy. <i>Ecology and Society</i> , 2013, 18, .	2.3	27
34	Inter-Relationships Between Groundnut Yield in Senegal, Interannual Rainfall Variability and Sea-Surface Temperatures. <i>Theoretical and Applied Climatology</i> , 1999, 63, 163-181.	2.8	25
35	Intraseasonal and interannual zonal circulations over the Equatorial Indian Ocean. <i>Theoretical and Applied Climatology</i> , 2011, 104, 175-191.	2.8	24
36	Impact de la variabilit� climatique et du barrage Nangb�to sur l'hydrologie du syst�me Mono-Couffo (Afrique de l'Ouest). <i>Hydrological Sciences Journal</i> , 2012, 57, 805-817.	2.6	24

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37	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
38	Capability of a regional climate model to simulate climate variables requested for water balance computation: a case study over northeastern France. <i>Climate Dynamics</i> , 2016, 46, 2689-2716.	3.8	23
39	Temperature trends and variability in the Greater Horn of Africa: interactions with precipitation. <i>Climate Dynamics</i> , 2017, 48, 477-498.	3.8	23
40	Climatic gradients along the windward slopes of Mount Kenya and their implication for crop risks. Part 1: climate variability. <i>International Journal of Climatology</i> , 2014, 34, 2136-2152.	3.5	22
41	Major role of water bodies on diurnal precipitation regimes in Eastern Africa. <i>International Journal of Climatology</i> , 2018, 38, 613-629.	3.5	21
42	Spatial coherence and potential predictability assessment of intraseasonal statistics of wet and dry spells over Equatorial Eastern Africa. <i>International Journal of Climatology</i> , 2013, 33, 2690-2705.	3.5	19
43	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
44	Coastal precipitation regimes in kenya. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1997, 79, 109-119.	1.5	18
45	Predictability of NDVI in semi-arid African regions. <i>Theoretical and Applied Climatology</i> , 2010, 100, 467-484.	2.8	18
46	Dynamique et modélisation des crues dans le bassin du Mono à Nangbato (Togo/Bénin). <i>Hydrological Sciences Journal</i> , 2014, 59, 2060-2071.	2.6	18
47	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
48	Climate and Extreme Rainfall Events in the Mono River Basin (West Africa): Investigating Future Changes with Regional Climate Models. <i>Water (Switzerland)</i> , 2020, 12, 833.	2.7	17
49	Variation interannuelle du bilan hydrique du lac Tanganyika (1932-1995): changement dans la relation précipitation-excédent lacustre / Interannual variation of the water budget of Lake Tanganyika (1932-1995): changes in the precipitation-lake water excess relationship. <i>Hydrological Sciences Journal</i> , 2002, 47, 781-796.	2.6	13
50	Simulated ENSO-tropical rainfall teleconnections in present-day and under enhanced greenhouse gases conditions. <i>Climate Dynamics</i> , 2004, 23, 641-657.	3.8	13
51	A typology for intraseasonal oscillations. <i>International Journal of Climatology</i> , 2014, 34, 430-445.	3.5	13
52	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
53	Extreme dry spells over the Mediterranean Basin during the wet season: Assessment of HyMeX/Med-CORDEX regional climate simulations (1979-2009). <i>International Journal of Climatology</i> , 2018, 38, 3090-3105.	3.5	13
54	Typology of pentad circulation anomalies over the Eastern Africa-Western Indian Ocean region, and their relationship with rainfall. <i>Climate Research</i> , 2005, 29, 111-127.	1.1	13

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55	Oceanic and atmospheric linkages with short rainfall season intraseasonal statistics over Equatorial Eastern Africa and their predictive potential. <i>International Journal of Climatology</i> , 2015, 35, 2382-2399.	3.5	12
56	Spatial and temporal variability of rainfall over the Republic of Djibouti from 1946 to 2017. <i>International Journal of Climatology</i> , 2021, 41, 2729-2748.	3.5	12
57	Trends of intraseasonal descriptors of wet and dry spells over equatorial eastern Africa. <i>International Journal of Climatology</i> , 2018, 38, 1189-1200.	3.5	11
58	Coastal Precipitation Regimes in Kenya. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1997, 79A, 109-119.	1.5	11
59	Intense rainfalls in the Mediterranean Basin: which trends between 1950 and 2013?. <i>CyberGeo</i> , 0, , .	0.0	11
60	Intraseasonal variations of June-September rainfall and upper-air circulation over Kenya. <i>Theoretical and Applied Climatology</i> , 1996, 54, 107-115.	2.8	9
61	Validation of a coupled GCM and projection of summer rainfall change over South Africa, using a statistical downscaling method. <i>Climate Research</i> , 2005, 28, 109-122.	1.1	9
62	Spatial interpolation of daily rainfall stochastic generation parameters over East Africa. <i>Climate Research</i> , 2014, 59, 39-60.	1.1	9
63	Bias correction of dynamically downscaled precipitation to compute soil water deficit for explaining year-to-year variation of tree growth over northeastern France. <i>Agricultural and Forest Meteorology</i> , 2017, 232, 247-264.	4.8	9
64	Spatial patterns and trends of extreme rainfall over the southern coastal belt of West Africa. <i>Theoretical and Applied Climatology</i> , 2021, 143, 473-487.	2.8	8
65	Variability and trends of wet season temperature in the Sudano-Sahelian zone and relationships with precipitation. <i>Climate Dynamics</i> , 2018, 50, 1067-1090.	3.8	7
66	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
67	Intraseasonal to Interannual Modulation of Diurnal Precipitation Distribution Over Eastern Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11863-11886.	3.3	6
68	Classification of Intense Rainfall Days in Southern West Africa and Associated Atmospheric Circulation. <i>Atmosphere</i> , 2020, 11, 188.	2.3	5
69	Très longs épisodes secs hivernaux dans le bassin méditerranéen: variabilité spatio-temporelle et impact sur la production agricole en Espagne. <i>CyberGeo</i> , 0, , .	0.0	5
70	The Stationarity of Lead-Lag Teleconnections with East Africa Rainfall and its Incidence on Seasonal Predictability. , 2001, , 291-307.		4
71	More variable tropical climates have a slower demographic growth. <i>Climate Research</i> , 2010, 41, 157-167.	1.1	4
72	Sécheresses et variabilité pluviométrique en Ethiopie et dans la corne de l'Afrique : prolongements orientaux de Sahel ?. <i>La Météorologie</i> , 1993, 8, 26.	0.5	4

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73	Climatic gradients along the windward slopes of Mount Kenya and their implication for crop risks. Part 2: crop sensitivity. International Journal of Climatology, 2016, 36, 917-932.	3.5	2
74	The effects of the Southwest Indian Ocean tropical cyclones on Ethiopian drought. , 1998, 18, 1373.		2
75	Reconstitution de s�eries de pluies quotidiennes en Afrique de l'ouest : application aux caract�ristiques des saisons des pluies. Climatologie, 2015, 12, 83-105.	0.2	1
76	Variabilit� saisonni�re et intra-saisonn�re de la pluviom�trie en milieu forestier dans le Sud-ouest centrafricain. Proceedings of the International Association of Hydrological Sciences, 0, 384, 367-373.	1.0	1