

# Myriam Khodri

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

3,605  
citations

159585

30  
h-index

144013

57  
g-index

100  
all docs

100  
docs citations

100  
times ranked

4792  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of forcing differences and initial conditions on inter-model agreement in the VolMIP volc-pinatubo-full experiment. <i>Geoscientific Model Development</i> , 2022, 15, 2265-2292.	3.6	22
2	The South Atlantic sub-tropical dipole mode since the last deglaciation and changes in rainfall. <i>Climate Dynamics</i> , 2021, 56, 109-122.	3.8	8
3	Changes in the equatorial mode of the Tropical Atlantic in terms of the Bjerknes Feedback Index. <i>Climate Dynamics</i> , 2021, 56, 3005-3024.	3.8	7
4	Increased Amazon Basin wet-season precipitation and river discharge since the early 1990s driven by tropical Pacific variability. <i>Environmental Research Letters</i> , 2021, 16, 034033.	5.2	5
5	Model physics and chemistry causing intermodel disagreement within the VolMIP-Tambora Interactive Stratospheric Aerosol ensemble. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3317-3343.	4.9	33
6	Changes in summer precipitation variability in central Brazil over the past eight decades. <i>International Journal of Climatology</i> , 2021, 41, 4171-4186.	3.5	10
7	Causes of the long-term variability of southwestern South America precipitation in the IPSL-CM6A-LR model. <i>Climate Dynamics</i> , 2021, 57, 2391-2414.	3.8	3
8	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , 2021, 374, eaay9165.	12.6	92
9	Disentangling Internal and External Contributions to Atlantic Multidecadal Variability Over the Past Millennium. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095990.	4.0	17
10	Reconstructing climatic modes of variability from proxy records using ClimIndRec version 1.0. <i>Geoscientific Model Development</i> , 2020, 13, 841-858.	3.6	10
11	Presentation and Evaluation of the IPSL-CM6A-LR Climate Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002010.	3.8	541
12	Contributions of Internal Variability and External Forcing to the Recent Trends in the Southeastern Pacific and Peru-Chile Upwelling System. <i>Journal of Climate</i> , 2020, 33, 10555-10578.	3.2	8
13	Implementation of the CMIP6 Forcing Data in the IPSL-CM6A-LR Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001940.	3.8	95
14	IPSL-CM5A2 – an Earth system model designed for multi-millennial climate simulations. <i>Geoscientific Model Development</i> , 2020, 13, 3011-3053.	3.6	55
15	Modern drought conditions in western Sahel unprecedented in the past 1600 years. <i>Climate Dynamics</i> , 2019, 52, 1949-1964.	3.8	13
16	Global ocean heat content redistribution during the 1998–2012 Interdecadal Pacific Oscillation negative phase. <i>Climate Dynamics</i> , 2019, 53, 1187-1208.	3.8	17
17	Multi-model comparison of the volcanic sulfate deposition from the 1815 eruption of Mt. Tambora. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2307-2328.	4.9	41
18	Spatiotemporal Variability of the South Pacific Convergence Zone Fresh Pool Eastern Front from Coral-Derived Surface Salinity Data. <i>Journal of Climate</i> , 2018, 31, 3265-3288.	3.2	10

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19	Atlantic Control of the Late Nineteenth-Century Sahel Humid Period. <i>Journal of Climate</i> , 2018, 31, 8225-8240.	3.2	20
20	A Subsurface Indian Ocean Dipole Response to Tropical Volcanic Eruptions. <i>Geophysical Research Letters</i> , 2018, 45, 9150-9159.	4.0	8
21	Climate response to the Samalas volcanic eruption in 1257 revealed by proxy records. <i>Nature Geoscience</i> , 2017, 10, 123-128.	12.9	130
22	Impact of explosive volcanic eruptions on the main climate variability modes. <i>Global and Planetary Change</i> , 2017, 150, 24-45.	3.5	88
23	A new record of Atlantic sea surface salinity from 1896 to 2013 reveals the signatures of climate variability and long-term trends. <i>Geophysical Research Letters</i> , 2017, 44, 1866-1876.	4.0	51
24	Tropical explosive volcanic eruptions can trigger El Niño by cooling tropical Africa. <i>Nature Communications</i> , 2017, 8, 778.	12.8	132
25	Speleothem records decadal to multidecadal hydroclimate variations in southwestern Morocco during the last millennium. <i>Earth and Planetary Science Letters</i> , 2017, 476, 1-10.	4.4	30
26	The PMIP4 contribution to CMIP6 – Part 3: The last millennium, scientific objective, and experimental design for the PMIP4 &lt;i>past1000&gt; simulations. <i>Geoscientific Model Development</i> , 2017, 10, 4005-4033.	3.6	155
27	Toward predicting volcanically-forced decadal climate variability. <i>Past Global Change Magazine</i> , 2017, 25, 25-31.	0.1	1
28	Saving Our Marine Archives. <i>Eos</i> , 2017, , .	0.1	3
29	The Model Intercomparison Project on the climatic Ni response to Volcanic forcing (VolMIP): experimental design and forcing input data for CMIP6. <i>Geoscientific Model Development</i> , 2016, 9, 2701-2719.	3.6	138
30	Elucidating the climate and topographic controls on stable isotope composition of meteoric waters in Morocco, using station-based and spatially-interpolated data. <i>Journal of Hydrology</i> , 2016, 543, 305-315.	5.4	29
31	Evaluation of the inter-annual variability of stratospheric chemical composition in chemistry-climate models using ground-based multi species time series. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 145, 61-84.	1.6	6
32	A complete hydro-climate model chain to investigate the influence of sea surface temperature on recent hydroclimatic variability in subtropical South America (Laguna Mar Chiquita, Argentina). <i>Climate Dynamics</i> , 2016, 46, 1783-1798.	3.8	6
33	Bidecadal North Atlantic ocean circulation variability controlled by timing of volcanic eruptions. <i>Nature Communications</i> , 2015, 6, 6545.	12.8	101
34	Estimates of volcanic-induced cooling in the Northern Hemisphere over the past 1,500 years. <i>Nature Geoscience</i> , 2015, 8, 784-788.	12.9	220
35	Le climat du dernier millénaire. <i>La Météorologie</i> , 2015, 8, 36.	0.5	3
36	Hydroclimate variability of the northwestern Amazon Basin near the Andean foothills of Peru related to the South American Monsoon System during the last 1600 years. <i>Climate of the Past</i> , 2014, 10, 1967-1981.	3.4	67

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37	A major advance of tropical Andean glaciers during the Antarctic cold reversal. <i>Nature</i> , 2014, 513, 224-228.	27.8	84
38	Labrador current variability over the last 2000 years. <i>Earth and Planetary Science Letters</i> , 2014, 400, 26-32.	4.4	49
39	Reconstruction of the South Atlantic Subtropical Dipole index for the past 12,000 years from surface temperature proxy. <i>Scientific Reports</i> , 2014, 4, 5291.	3.3	22
40	Mid-Holocene and Last Glacial Maximum climate simulations with the IPSL model—part I: comparing IPSL_CM5A to IPSL_CM4. <i>Climate Dynamics</i> , 2013, 40, 2447-2468.	3.8	88
41	Mid-Holocene and last glacial maximum climate simulations with the IPSL model: part II: model-data comparisons. <i>Climate Dynamics</i> , 2013, 40, 2469-2495.	3.8	53
42	Mechanisms of Mid-Holocene Precipitation Change in the South Pacific Convergence Zone. <i>Journal of Climate</i> , 2013, 26, 6937-6953.	3.2	12
43	Sea surface temperature and sea ice variability in the subpolar North Atlantic from explosive volcanism of the late thirteenth century. <i>Geophysical Research Letters</i> , 2013, 40, 5526-5530.	4.0	14
44	Stability of weather regimes during the last millennium from climate simulations. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	17
45	Sea surface temperature variability in the subpolar Atlantic over the last two millennia. <i>Paleoceanography</i> , 2011, 26, .	3.0	78
46	Volcanic impact on the Atlantic Ocean over the last millennium. <i>Climate of the Past</i> , 2011, 7, 1439-1455.	3.4	58
47	Irregular tropical glacier retreat over the Holocene epoch driven by progressive warming. <i>Nature</i> , 2011, 474, 196-199.	27.8	80
48	Potential source regions of biogenic aerosol number concentration apportioning at King George Island, Antarctic Peninsula. <i>Antarctic Science</i> , 2010, 22, 580-588.	0.9	2
49	Influence of solar variability, CO <sub>2</sub> and orbital forcing between 1000 and 1850 AD in the IPSLCM4 model. <i>Climate of the Past</i> , 2010, 6, 445-460.	3.4	53
50	Moisture Pattern During the Last Glacial Maximum in South America. <i>Developments in Paleoenvironmental Research</i> , 2009, , 3-27.	8.0	17
51	Orbital and Millennial-Scale Precipitation Changes in Brazil from Speleothem Records. <i>Developments in Paleoenvironmental Research</i> , 2009, , 29-60.	8.0	19
52	Chronologies of the Last Glacial Maximum and its Termination in the Andes (10°S) Based on Surface Exposure Dating. <i>Developments in Paleoenvironmental Research</i> , 2009, , 61-87.	8.0	4
53	Vegetation and Fire at the Last Glacial Maximum in Tropical South America. <i>Developments in Paleoenvironmental Research</i> , 2009, , 89-112.	8.0	25
54	Re-evaluation of Climate Change in Lowland Central America During the Last Glacial Maximum Using New Sediment Cores from Lake Peten Itz'at, Guatemala. <i>Developments in Paleoenvironmental Research</i> , 2009, , 113-128.	8.0	42

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55	Glacial to Holocene Paleoceanographic and Continental Paleoclimate Reconstructions Based on ODP Site 1233/GeoB 3313 Off Southern Chile. <i>Developments in Paleoenvironmental Research</i> , 2009, , 129-156.	8.0	10
56	Sensitivity of South American Tropical Climate to Last Glacial Maximum Boundary Conditions: Focus on Teleconnections with Tropics and Extratropics. <i>Developments in Paleoenvironmental Research</i> , 2009, , 213-238.	8.0	6
57	Similarities and Discrepancies Between Andean Ice Cores Over the Last Deglaciation: Climate Implications. <i>Developments in Paleoenvironmental Research</i> , 2009, , 239-255.	8.0	2
58	The Nature and Origin of Decadal to Millennial Scale Climate Variability in the Southern Tropics of South America: The Holocene Record of Lago Umayo, Peru. <i>Developments in Paleoenvironmental Research</i> , 2009, , 301-322.	8.0	23
59	Millennial-Scale Ecological Changes in Tropical South America Since the Last Glacial Maximum. <i>Developments in Paleoenvironmental Research</i> , 2009, , 283-300.	8.0	33
60	Hydrological Variability in South America Below the Tropic of Capricorn (Pampas and Patagonia,) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 5	8.0	52
61	Climate Change in Southern South America During the Last Two Millennia. <i>Developments in Paleoenvironmental Research</i> , 2009, , 353-393.	8.0	39
62	The Little Ice Age in Southern South America: Proxy and Model Based Evidence. <i>Developments in Paleoenvironmental Research</i> , 2009, , 395-412.	8.0	9
63	Teleconnections into South America from the Tropics and Extratropics on Interannual and Intraseasonal Timescales. <i>Developments in Paleoenvironmental Research</i> , 2009, , 159-191.	8.0	58
64	South American Climate Variability and Change: Remote and Regional Forcing Processes. <i>Developments in Paleoenvironmental Research</i> , 2009, , 193-212.	8.0	7
65	38. Mechanisms leading to the last glacial inception over North America: Results from the CLIMBER-GREMLINS atmosphere-ocean-vegetation northern hemisphere ice-sheet model. <i>Developments in Quaternary Sciences</i> , 2007, , 573-582.	0.1	1
66	Progress in Paleoclimate Modeling*. <i>Journal of Climate</i> , 2006, 19, 5031-5057.	3.2	63
67	Impact of the hydrological cycle on past climate changes: three illustrations at different time scales. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 125-137.	1.2	8
68	The impact of precession changes on the Arctic climate during the last interglacialâ€“glacial transition. <i>Earth and Planetary Science Letters</i> , 2005, 236, 285-304.	4.4	25
69	Sensitivity of Northern Hemispheric continental ice sheets to tropical SST during deglaciation. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	12
70	Quantifying ice-sheet feedbacks during the last glacial inception. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	64
71	Sensitivity of the northern extratropics hydrological cycle to the changing insolation forcing at 126 and 115ÅkyABP. <i>Climate Dynamics</i> , 2003, 21, 273-287.	3.8	18
72	Modelling the climate evolution from the last interglacial to the start of the last glaciation: The role of Arctic Ocean freshwater budget. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	22

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73	Simulating the amplification of orbital forcing by ocean feedbacks in the last glaciation. Nature, 2001, 410, 570-574.	27.8	180