

# Alban Lazar

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	3,146 citations	18 h-index	40 g-index
40 ext. papers	3,493 ext. citations	3.8 avg, IF	4.63 L-index

#	Paper	IF	Citations
39	Variability of Dissolved Oxygen in the Bottom Layer of the Southern Senegalese Shelf. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2020JC016854	3.3	
38	A Climatological Study of the Mechanisms Controlling the Seasonal Meridional Migration of the Atlantic Warm Pool in an OGCM. <i>Atmosphere</i> , <b>2021</b> , 12, 1224	2.7	
37	Ocean Dynamics Shapes the Structure and Timing of Atlantic Equatorial Modes. <i>Journal of Geophysical Research: Oceans</i> , <b>2019</b> , 124, 7529-7544	3.3	16
36	First Evidence of Anoxia and Nitrogen Loss in the Southern Canary Upwelling System. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 2619-2627	4.9	11
35	Is the boreal spring tropical Atlantic variability a precursor of the Equatorial Mode?. <i>Climate Dynamics</i> , <b>2019</b> , 53, 2339-2353	4.2	18
34	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	46
33	Modern drought conditions in western Sahel unprecedented in the past 1600 years. <i>Climate Dynamics</i> , <b>2019</b> , 52, 1949-1964	4.2	6
32	Global Perspectives on Observing Ocean Boundary Current Systems. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	23
31	Do SST gradients drive the monthly climatological surface wind convergence over the tropical Atlantic?. <i>International Journal of Climatology</i> , <b>2018</b> , 38, e955-e965	3.5	7
30	Is There Evidence of Changes in Tropical Atlantic Variability Modes under AMO Phases in the Observational Record?. <i>Journal of Climate</i> , <b>2018</b> , 31, 515-536	4.4	48
29	Subsurface Fine-Scale Patterns in an Anticyclonic Eddy Off Cap-Vert Peninsula Observed From Glider Measurements. <i>Journal of Geophysical Research: Oceans</i> , <b>2018</b> , 123, 6312-6329	3.3	6
28	On the Dynamics of the Southern Senegal Upwelling Center: Observed Variability from Synoptic to Superinertial Scales. <i>Journal of Physical Oceanography</i> , <b>2017</b> , 47, 155-180	2.4	25
27	Trains of African Easterly Waves and Their Relationship to Tropical Cyclone Genesis in the Eastern Atlantic. <i>Monthly Weather Review</i> , <b>2017</b> , 145, 599-616	2.4	7
26	Intraseasonal variability of tropical Atlantic sea-surface temperature: air-sea interaction over upwelling fronts. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2016</b> , 142, 372-386	6.4	10
25	Interannual Variability of the Mixed Layer Winter Convection and Spice Injection in the Eastern Subtropical North Atlantic. <i>Journal of Physical Oceanography</i> , <b>2015</b> , 45, 504-525	2.4	13
24	On the seasonal variations of salinity of the tropical Atlantic mixed layer. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 4441-4462	3.3	20
23	Growth and decay of the equatorial Atlantic SST mode by means of closed heat budget in a coupled general circulation model. <i>Frontiers in Earth Science</i> , <b>2015</b> , 3,	3.5	7

22	A model study of the seasonality of sea surface temperature and circulation in the Atlantic North-eastern Tropical Upwelling System. <i>Frontiers in Physics</i> , <b>2015</b> , 3,	3.9	17
21	Do <i>Sardinella aurita</i> spawning seasons match local retention patterns in the Senegalese-Mauritanian upwelling region?. <i>Fisheries Oceanography</i> , <b>2015</b> , 24, 69-89	2.4	27
20	Low-frequency thermohaline variability in the Subtropical South Atlantic pycnocline during 2002-2013. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 6468-6475	4.9	10
19	SST patterns and dynamics of the southern Senegal-Gambia upwelling center. <i>Journal of Geophysical Research: Oceans</i> , <b>2014</b> , 119, 8315-8335	3.3	24
18	Analysis of Strengthening and Dissipating Mesoscale Convective Systems Propagating off the West African Coast. <i>Monthly Weather Review</i> , <b>2014</b> , 142, 4600-4623	2.4	10
17	Atmospheric response to sea-surface temperature in the eastern equatorial Atlantic at quasi-biweekly time-scales. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2014</b> , 140, 1700-1714	6.4	6
16	A small-scale oceanic eddy off the coast of West Africa studied by multi-sensor satellite and surface drifter data. <i>Remote Sensing of Environment</i> , <b>2013</b> , 129, 132-143	13.2	36
15	Equatorial upper-ocean dynamics and their interaction with the West African monsoon. <i>Atmospheric Science Letters</i> , <b>2011</b> , 12, 24-30	2.4	52
14	Intraseasonal variability of the ocean-atmosphere coupling in the Gulf of Guinea during boreal spring and summer. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2010</b> , 136, 426-441	6.4	31
13	Generation Mechanism of Spiciness Anomalies: An OGCM Analysis in the North Atlantic Subtropical Gyre. <i>Journal of Physical Oceanography</i> , <b>2009</b> , 39, 1003-1018	2.4	25
12	Deep chlorophyll maximum and upper ocean structure interactions: Case of the Guinea Thermal Dome. <i>Journal of Marine Research</i> , <b>2009</b> , 67, 239-271	1.5	3
11	Oceanic Kelvin waves and tropical Atlantic intraseasonal variability: 1. Kelvin wave characterization. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		65
10	A numerical study of the South Atlantic circulation at the Last Glacial Maximum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2007</b> , 253, 509-528	2.9	14
9	A model study of the seasonal mixed layer heat budget in the equatorial Atlantic. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		60
8	Tropical extra-tropical thermocline water mass exchanges in the Community Climate Model v.3 Part I: the Atlantic Ocean. <i>Ocean Science</i> , <b>2006</b> , 2, 137-146	4	2
7	Physics and Dynamics of Density-Compensated Temperature and Salinity Anomalies. Part I: Theory. <i>Journal of Physical Oceanography</i> , <b>2005</b> , 35, 849-864	2.4	18
6	DEVELOPMENT OF A EUROPEAN MULTIMODEL ENSEMBLE SYSTEM FOR SEASONAL-TO-INTERANNUAL PREDICTION (DEMETER). <i>Bulletin of the American Meteorological Society</i> , <b>2004</b> , 85, 853-872	6.1	746
5	Mixed layer depth over the global ocean: An examination of profile data and a profile-based climatology. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		1641

4	Wind Stress Effects on Subsurface Pathways from the Subtropical to Tropical Atlantic. <i>Journal of Physical Oceanography</i> , <b>2002</b> , 32, 2257-2276	2.4	31
3	A model study of temperature anomaly propagation from the subtropics to tropics within the South Atlantic Thermocline. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 1271-1274	4.9	28
2	Simulation of radionuclide dispersion in the Pacific Ocean from Mururoa atoll. <i>Journal of Environmental Radioactivity</i> , <b>1999</b> , 43, 31-49	2.4	3
1	The Deep Interior Downwelling, the Veronis Effect, and Mesoscale Tracer Transport Parameterizations in an OGCM. <i>Journal of Physical Oceanography</i> , <b>1999</b> , 29, 2945-2961	2.4	34