

Alban Lazar

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Version: 2024-04-10

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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	Mixed layer depth over the global ocean: An examination of profile data and a profile-based climatology. <i>Journal of Geophysical Research</i> , 2004 , 109,		1641
38	DEVELOPMENT OF A EUROPEAN MULTIMODEL ENSEMBLE SYSTEM FOR SEASONAL-TO-INTERANNUAL PREDICTION (DEMETER). <i>Bulletin of the American Meteorological Society</i> , 2004 , 85, 853-872	6.1	746
37	Oceanic Kelvin waves and tropical Atlantic intraseasonal variability: 1. Kelvin wave characterization. <i>Journal of Geophysical Research</i> , 2008 , 113,		65
36	A model study of the seasonal mixed layer heat budget in the equatorial Atlantic. <i>Journal of Geophysical Research</i> , 2006 , 111,		60
35	Equatorial upper-ocean dynamics and their interaction with the West African monsoon. <i>Atmospheric Science Letters</i> , 2011 , 12, 24-30	2.4	52
34	Is There Evidence of Changes in Tropical Atlantic Variability Modes under AMO Phases in the Observational Record?. <i>Journal of Climate</i> , 2018 , 31, 515-536	4.4	48
33	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	46
32	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> , 2013 , 129, 132-143	13.2	36
31	The Deep Interior Downwelling, the Veronis Effect, and Mesoscale Tracer Transport Parameterizations in an OGCM. <i>Journal of Physical Oceanography</i> , 1999 , 29, 2945-2961	2.4	34
30	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> , 2010 , 136, 426-441	6.4	31
29	Wind Stress Effects on Subsurface Pathways from the Subtropical to Tropical Atlantic. <i>Journal of Physical Oceanography</i> , 2002 , 32, 2257-2276	2.4	31
28	A model study of temperature anomaly propagation from the subtropics to tropics within the South Atlantic Thermocline. <i>Geophysical Research Letters</i> , 2001 , 28, 1271-1274	4.9	28
27	Do <i>Sardinella aurita</i> spawning seasons match local retention patterns in the Senegalese-Mauritanian upwelling region?. <i>Fisheries Oceanography</i> , 2015 , 24, 69-89	2.4	27
26	On the Dynamics of the Southern Senegal Upwelling Center: Observed Variability from Synoptic to Superinertial Scales. <i>Journal of Physical Oceanography</i> , 2017 , 47, 155-180	2.4	25
25	Generation Mechanism of Spiciness Anomalies: An OGCM Analysis in the North Atlantic Subtropical Gyre. <i>Journal of Physical Oceanography</i> , 2009 , 39, 1003-1018	2.4	25
24	SST patterns and dynamics of the southern Senegal-Gambia upwelling center. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 8315-8335	3.3	24
23	Global Perspectives on Observing Ocean Boundary Current Systems. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	23

22	On the seasonal variations of salinity of the tropical Atlantic mixed layer. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 4441-4462	3.3	20
21	Is the boreal spring tropical Atlantic variability a precursor of the Equatorial Mode?. <i>Climate Dynamics</i> , 2019 , 53, 2339-2353	4.2	18
20	Physics and Dynamics of Density-Compensated Temperature and Salinity Anomalies. Part I: Theory. <i>Journal of Physical Oceanography</i> , 2005 , 35, 849-864	2.4	18
19	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> , 2015 , 3,	3.9	17
18	Ocean Dynamics Shapes the Structure and Timing of Atlantic Equatorial Modes. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 7529-7544	3.3	16
17	A numerical study of the South Atlantic circulation at the Last Glacial Maximum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 253, 509-528	2.9	14
16	Interannual Variability of the Mixed Layer Winter Convection and Spice Injection in the Eastern Subtropical North Atlantic. <i>Journal of Physical Oceanography</i> , 2015 , 45, 504-525	2.4	13
15	First Evidence of Anoxia and Nitrogen Loss in the Southern Canary Upwelling System. <i>Geophysical Research Letters</i> , 2019 , 46, 2619-2627	4.9	11
14	Low-frequency thermohaline variability in the Subtropical South Atlantic pycnocline during 2002-2013. <i>Geophysical Research Letters</i> , 2014 , 41, 6468-6475	4.9	10
13	Analysis of Strengthening and Dissipating Mesoscale Convective Systems Propagating off the West African Coast. <i>Monthly Weather Review</i> , 2014 , 142, 4600-4623	2.4	10
12	Intraseasonal variability of tropical Atlantic sea-surface temperature: air-sea interaction over upwelling fronts. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016 , 142, 372-386	6.4	10
11	Trains of African Easterly Waves and Their Relationship to Tropical Cyclone Genesis in the Eastern Atlantic. <i>Monthly Weather Review</i> , 2017 , 145, 599-616	2.4	7
10	Do SST gradients drive the monthly climatological surface wind convergence over the tropical Atlantic?. <i>International Journal of Climatology</i> , 2018 , 38, e955-e965	3.5	7
9	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> , 2015 , 3,	3.5	7
8	Subsurface Fine-Scale Patterns in an Anticyclonic Eddy Off Cap-Vert Peninsula Observed From Glider Measurements. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 6312-6329	3.3	6
7	Modern drought conditions in western Sahel unprecedented in the past 1600 years. <i>Climate Dynamics</i> , 2019 , 52, 1949-1964	4.2	6
6	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> , 2014 , 140, 1700-1714	6.4	6
5	Deep chlorophyll maximum and upper ocean structure interactions: Case of the Guinea Thermal Dome. <i>Journal of Marine Research</i> , 2009 , 67, 239-271	1.5	3

4	Simulation of radionuclide dispersion in the Pacific Ocean from Mururoa atoll. <i>Journal of Environmental Radioactivity</i> , 1999 , 43, 31-49	2.4	3
3	Tropical extra-tropical thermocline water mass exchanges in the Community Climate Model v.3 Part I: the Atlantic Ocean. <i>Ocean Science</i> , 2006 , 2, 137-146	4	2
2	Variability of Dissolved Oxygen in the Bottom Layer of the Southern Senegalese Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2020JC016854	3.3	
1	A Climatological Study of the Mechanisms Controlling the Seasonal Meridional Migration of the Atlantic Warm Pool in an OGCM. <i>Atmosphere</i> , 2021 , 12, 1224	2.7	