

Gael Alory

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,200
citations

430874

18
h-index

377865

34
g-index

42
all docs

42
docs citations

42
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Observed temperature trends in the Indian Ocean over 1960–1999 and associated mechanisms. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	249
2	Sea Surface Salinity Observations from Space with the SMOS Satellite: A New Means to Monitor the Marine Branch of the Water Cycle. <i>Surveys in Geophysics</i> , 2014, 35, 681-722.	4.6	132
3	A gridded sea surface salinity data set for the tropical Pacific with sample applications (1950–2008). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 38-48.	1.4	85
4	Seasonal dynamics of sea surface salinity off Panama: The far Eastern Pacific Fresh Pool. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	83
5	Warming of the Upper Equatorial Indian Ocean and Changes in the Heat Budget (1960–99). <i>Journal of Climate</i> , 2009, 22, 93-113.	3.2	72
6	Sea surface salinity structure of the meandering Gulf Stream revealed by SMOS sensor. <i>Geophysical Research Letters</i> , 2014, 41, 3141-3148.	4.0	60
7	The French contribution to the voluntary observing ships network of sea surface salinity. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 1-18.	1.4	54
8	Seasonal mixed-layer salinity balance in the tropical Atlantic Ocean: Mean state and seasonal cycle. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 332-345.	2.6	52
9	SMOS reveals the signature of Indian Ocean Dipole events. <i>Ocean Dynamics</i> , 2013, 63, 1203-1212.	2.2	42
10	Impact of isopycnal mixing on the tropical ocean circulation. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	37
11	Interannual sea level changes and associated mass transports in the tropical Pacific from TOPEX/Poseidon data and linear model results (1964–1999). <i>Journal of Geophysical Research</i> , 2002, 107, 17-1.	3.3	35
12	Ship-Based Contributions to Global Ocean, Weather, and Climate Observing Systems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	34
13	Eddies in the Tropical Atlantic Ocean and Their Seasonal Variability. <i>Geophysical Research Letters</i> , 2019, 46, 12156-12164.	4.0	27
14	Influence of upwelling, subsurface stratification, and heat fluxes on coastal sea surface temperature off southwestern New Caledonia. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	25
15	Modeled mixed-layer salinity balance in the Gulf of Guinea: seasonal and interannual variability. <i>Ocean Dynamics</i> , 2014, 64, 1783-1802.	2.2	23
16	Variations of the tropical Atlantic and Pacific SSS minimum zones and their relations to the ITCZ and SPCZ rain bands (1979-2009). <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5090-5100.	2.6	23
17	Potential of Video Cameras in Assessing Event and Seasonal Coastline Behaviour: Grand Popo, Benin (Gulf of Guinea). <i>Journal of Coastal Research</i> , 2016, 75, 442-446.	0.3	22
18	Sea Surface Salinity Signature of the Tropical Atlantic Interannual Climatic Modes. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 7420-7437.	2.6	20

#	ARTICLE	IF	CITATIONS
19	Surface Salinity in the North Atlantic Subtropical Gyre During the STRASSE/SPURS Summer 2012 Cruise. <i>Oceanography</i> , 2015, 28, 114-123.	1.0	17
20	Sea surface temperature and salinity seasonal changes in the western Solomon and Bismarck Seas. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2642-2657.	2.6	15
21	Coastal Upwelling Limitation by Onshore Geostrophic Flow in the Gulf of Guinea Around the Niger River Plume. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	14
22	Climatic variability in the vicinity of Wallis, Futuna, and Samoa islands (13°â€“15° S, 180°â€“170° W). <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 1999, 22, 249-263.	0.7	10
23	Validation of a decadal OGCM simulation for the tropical Pacific. <i>Ocean Modelling</i> , 2005, 10, 272-282.	2.4	10
24	Global Analysis of Coastal Gradients of Sea Surface Salinity. <i>Remote Sensing</i> , 2021, 13, 2507.	4.0	10
25	Causes for the recent increase in sea surface salinity in the north-eastern Gulf of Guinea. <i>African Journal of Marine Science</i> , 2014, 36, 197-205.	1.1	9
26	North Atlantic subpolar gyre along predetermined ship tracks since 1993: a monthly data set of surface temperature, salinity, and density. <i>Earth System Science Data</i> , 2018, 10, 1403-1415.	9.9	9
27	From Mixing to the Large Scale Circulation: How the Inverse Cascade Is Involved in the Formation of the Subsurface Currents in the Gulf of Guinea. <i>Fluids</i> , 2020, 5, 147.	1.7	7
28	Causes of the Northern Gulf of Guinea Cold Event in 2012. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017627.	2.6	7
29	Shoreline and Beach Cusps Dynamics at the Low Tide Terraced Grand Popo Beach, BÃ©nin (West Africa): A Statistical Approach. <i>Journal of Coastal Research</i> , 2018, 81, 138.	0.3	5
30	How do Climate Modes Shape the Chlorophyllâ€“a Interannual Variability in the Tropical Atlantic?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093769.	4.0	4
31	Sea surface temperature patterns in the Tropical Atlantic: Principal component analysis and nonlinear principal component analysis. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2017, 28, 395-410.	0.6	3
32	Sea Surface Salinity Observations from Space with the SMOS Satellite: A New Means to Monitor the Marine Branch of the Water Cycle. <i>Space Sciences Series of ISSI</i> , 2013, , 681-722.	0.0	2
33	Sensitivity studies of the RegCM4 simulation in West and central Africa during strong and weak years of Atlantic cold tongue. <i>International Journal of Climatology</i> , 2018, 38, 3513-3531.	3.5	1
34	Le Service national d'observation de la salinitÃ© de surface de la mer : 50 ans de mesures ocÃ©aniques globales. <i>La MÃ©tÃ©orologie</i> , 2020, , 029.	0.5	1
35	A theoretical model to analyze the Central to Eastern Pacific El NiÃ±o continuum. <i>Ocean Modelling</i> , 2018, 130, 140-159.	2.4	0