

Fabrice Hernandez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8211260/publications.pdf>

Version: 2024-02-01

46
papers

2,879
citations

186265

28
h-index

254184

43
g-index

50
all docs

50
docs citations

50
times ranked

3506
citing authors

#	ARTICLE	IF	CITATIONS
1	A mean dynamic topography computed over the world ocean from altimetry, in situ measurements, and a geoid model. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	382
2	THE PIRATA PROGRAM. <i>Bulletin of the American Meteorological Society</i> , 2008, 89, 1111-1126.	3.3	309
3	The Ocean Reanalyses Intercomparison Project (ORA-IP). <i>Journal of Operational Oceanography</i> , 2015, 8, s80-s97.	1.2	169
4	From Observation to Information and Users: The Copernicus Marine Service Perspective. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	135
5	Can We Merge GEOSAT Follow-On with TOPEX/Poseidon and ERS-2 for an Improved Description of the Ocean Circulation?. <i>Journal of Atmospheric and Oceanic Technology</i> , 2003, 20, 889-895.	1.3	129
6	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	2.6	119
7	High-frequency response of wind-driven currents measured by drifting buoys and altimetry over the world ocean. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	98
8	Copernicus Marine Service Ocean State Report. <i>Journal of Operational Oceanography</i> , 2018, 11, S1-S142.	1.2	96
9	Intercomparison of the Arctic sea ice cover in global ocean "sea ice reanalyses from the ORA-IP project. <i>Climate Dynamics</i> , 2017, 49, 1107-1136.	3.8	92
10	The GODAE/Mercator-Ocean global ocean forecasting system: results, applications and prospects. <i>Journal of Operational Oceanography</i> , 2008, 1, 51-57.	1.2	88
11	Ocean heat content variability and change in an ensemble of ocean reanalyses. <i>Climate Dynamics</i> , 2017, 49, 909-930.	3.8	88
12	The Copernicus Marine Environment Monitoring Service Ocean State Report. <i>Journal of Operational Oceanography</i> , 2016, 9, s235-s320.	1.2	86
13	An absolute calibration site for radar altimeters in the continental domain: Lake Issykkul in Central Asia. <i>Journal of Geodesy</i> , 2009, 83, 723-735.	3.6	82
14	An assessment of air-sea heat fluxes from ocean and coupled reanalyses. <i>Climate Dynamics</i> , 2017, 49, 983-1008.	3.8	81
15	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	80
16	Ocean Reanalyses: Recent Advances and Unsolved Challenges. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	63
17	PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. <i>Earth and Space Science</i> , 2019, 6, 577-616.	2.6	63
18	Study of the air-sea interactions at the mesoscale: the SEMAPHORE experiment. <i>Annales Geophysicae</i> , 1996, 14, 986-1015.	1.6	61

#	ARTICLE	IF	CITATIONS
19	Intercomparison and validation of the mixed layer depth fields of global ocean syntheses. <i>Climate Dynamics</i> , 2017, 49, 753-773.	3.8	52
20	Mapping mesoscale variability of the Azores Current using TOPEX/POSEIDON and ERS 1 altimetry, together with hydrographic and Lagrangian measurements. <i>Journal of Geophysical Research</i> , 1995, 100, 24995.	3.3	49
21	Steric sea level variability (1993-2010) in an ensemble of ocean reanalyses and objective analyses. <i>Climate Dynamics</i> , 2017, 49, 709-729.	3.8	48
22	Validation and Intercomparison Studies Within GODAE. <i>Oceanography</i> , 2009, 22, 128-143.	1.0	47
23	Optimizing a Drifter Cast Strategy with a Genetic Algorithm. <i>Journal of Atmospheric and Oceanic Technology</i> , 1995, 12, 330-345.	1.3	45
24	Recent progress in performance evaluations and near real-time assessment of operational ocean products. <i>Journal of Operational Oceanography</i> , 2015, 8, s221-s238.	1.2	41
25	GODAE OceanView Class 4 forecast verification framework: global ocean inter-comparison. <i>Journal of Operational Oceanography</i> , 2015, 8, s98-s111.	1.2	40
26	Synergies in Operational Oceanography: The Intrinsic Need for Sustained Ocean Observations. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	39
27	Mapping the Oceanic Mesoscale Circulation: Validation of Satellite Altimetry Using Surface Drifters. <i>Journal of Atmospheric and Oceanic Technology</i> , 1992, 9, 687-698.	1.3	34
28	Large structures and temporal change in the Azores Front during the SEMAPHORE experiment. <i>Journal of Geophysical Research</i> , 1998, 103, 25009-25027.	3.3	33
29	The geoid EDIN2000 and mean sea surface topography around the British Isles. <i>Geophysical Journal International</i> , 2004, 157, 565-577.	2.4	26
30	An ocean modelling and assimilation guide to using GOCE geoid products. <i>Ocean Science</i> , 2011, 7, 151-164.	3.4	26
31	An assessment of upper ocean salinity content from the Ocean Reanalyses Inter-comparison Project (ORA-IP). <i>Climate Dynamics</i> , 2017, 49, 1009-1029.	3.8	21
32	Mean meridional currents in the central and eastern equatorial Atlantic. <i>Climate Dynamics</i> , 2014, 43, 2943-2962.	3.8	19
33	Significance of cyclonic SubTropical Oceanic Rings of Magnitude (STORM) eddies for the carbon budget of the euphotic layer in the subtropical northeast Atlantic. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	18
34	Interannual-decadal variability of wintertime mixed layer depths in the North Pacific detected by an ensemble of ocean syntheses. <i>Climate Dynamics</i> , 2017, 49, 891-907.	3.8	16
35	Large-scale sea-level variations and associated atmospheric forcing in the subtropical north-east Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 3957-3981.	1.4	15
36	Observation of the Circulation in the Newfoundland Basin in Winter 1997. <i>Journal of Physical Oceanography</i> , 2001, 31, 689-710.	1.7	14

#	ARTICLE	IF	CITATIONS
37	GODAE inter-comparisons in the Tasman and Coral Seas. <i>Journal of Operational Oceanography</i> , 2012, 5, 11-24.	1.2	14
38	GODAE OceanView Inter-comparison for the Australian Region. <i>Journal of Operational Oceanography</i> , 2015, 8, s112-s126.	1.2	13
39	Synthesis of new scientific challenges for GODAE OceanView. <i>Journal of Operational Oceanography</i> , 2015, 8, s259-s271.	1.2	9
40	Satellite oceanography and climate change. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 77-80, 1-9.	1.4	8
41	Estimating mean dynamic topography in the tropical Pacific Ocean from gravity and altimetry satellites. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	7
42	Combining altimetric/gravimetric and ocean model mean dynamic topography models in the GOCINA region. , 2007, , 3-10.		7
43	Measuring Performances, Skill and Accuracy in Operational Oceanography: New Challenges and Approaches. , 0, , .		6
44	Variability of the Azores Current during Octoberâ€“December 1993. <i>Journal of Marine Systems</i> , 2001, 29, 101-123.	2.1	5
45	Performance of Ocean Forecasting Systemsâ€“Intercomparison Projects. , 2011, , 633-655.		2
46	Observations of an intense anticyclonic warm eddy in the Newfoundland Basin. <i>Geophysical Research Letters</i> , 2001, 28, 2649-2652.	4.0	0